

Capital Improvement Request Form Part I

Project/Program Title: Tax Collection system Requesting Department: DOA-ITMD
 Prepared By/Phone Ext: Rich Watt / x8031 Department Head Signature: Jenny P. Olson
 Account No: _____

A) Department Priority 1 of 14 Useful Life 6 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair On-Going Program
 Project/Program Scope Fully Defined Partially Defined
 Energy Efficiency Candidate Yes No

B) Description

Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years 2

D) Total Positions 3 Total FTEs 0.8

Position Title	No. of Positions	FTEs	Salaries
<u>Applications Development Mgr</u>	<u>1</u>	<u>0.1</u>	<u>\$ 10,500</u>
<u>Systems Analyst - Project Lead</u>	<u>1</u>	<u>0.4</u>	<u>\$ 29,100</u>
<u>Programmer Analyst</u>	<u>1</u>	<u>0.3</u>	<u>\$ 17,900</u>

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The current tax collection system used by the Treasurer was designed in 1982 and is housed on ITMD's mainframe computing system. The IBM z/9 2096-A01 mainframe processor runs a base operating system called z/VM upon which all its applications, databases, and communications run on top of. It is currently running z/VM version 5, which IBM has announced will be unsupported as of December 31, 2014. It has been replaced by z/VM version 6 but version 6 has hardware architecture requirements not met by our current hardware (IBM z/9 2096-A01). Running on an unsupported operating system may work for a short period of time, but we will likely experience difficulties with the products utilized to access, communicate, and interface with the unsupported platform since the exterior products will continue to evolve while the mainframe is frozen in time. Such products as terminal emulators, printers, browsers, FTPs, or interfaces will likely experience difficulties which may be impossible to overcome.

G) Additional Comments

The tax collection system was developed using the Cobol computing language, which is rarely used at this point. ITMD has experienced increasing difficulty in recruiting new personnel with the skillset required to support this system. Existing personnel with this skillset are all currently retirement-eligible. The CIO has been advocating for the migration off of the mainframe for some time, but now we have no choice to remain as-is. Please be aware that doing nothing after the base operating system is unsupported means we will likely start to have a growing number of problems until the systems become unusable. The new tax collection system will utilize modern hardware and software, and will provide a much-enhanced set of capabilities.

Capital Improvement Request Part II

Requesting Department: DOA-ITMD

Project/Program Title: Tax Collection system

Account No: _____

Year	Grant & Aid		Revenue		Special Assessment		Enterprise		Total Cost
Remaining Balance for 2014									\$0
2015 Budget Request	\$2,000,000								\$2,000,000
2016 Projection									\$0
2017 Projection									\$0
2018 Projection									\$0
2019 Projection									\$0
2020 Projection									\$0
Total Six Year Cost	\$2,000,000	\$0		\$0		\$0		\$0	\$2,000,000
Total Project Cost	\$2,000,000	\$0		\$0		\$0		\$0	\$2,000,000

Life to Date Expenditures (Project Only)	2015	2016	2017	2018	2019	2020
	\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No

Are cost estimates based on industry standards? Yes No

Will city employees be performing any portion of the work? Yes No

Did you perform a cost/benefit analysis? Yes No

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 02/01/15

Estimated Completion Date: 08/31/16

Department Head Signature



Prepared By/Phone Ext

Rich Wall / x8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/21/2014
Project/Program:	Tax Collection system		
Prepared By:	Rich Watt	Current Request:	\$2,000,000
Dept Head:	Nancy Olson	6 Yr Total:	\$2,000,000

General Project/Program Description:

The current tax collection system used by the Treasurer was designed in 1982 and is housed on ITMD's mainframe computing system. The current system will no longer be supported by IBM as of the end of 2014. This project will replace and upgrade the tax collection system, which is the main application remaining on the mainframe.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Once the mainframe software is no longer supported, the tax collection system would be at increased risk for failure. A new system is required to insure that City tax collection efforts continue seamlessly.

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
X				Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Effective continuance of the City's tax collection activities is both required by statute and essential to City operations.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X	<i>Not determined</i>	What return on investment will this project generate?
		X	<i>Not determined</i>	What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

The decommissioning of the mainframe system will remove a major energy-inefficient system from use. The new system will have lower annual operating costs and increased reporting and productivity features.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Tax Collection system

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
	X			How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
	X			Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
X				Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				
The timely and accurate collection of taxes is essential to City operations. After the mainframe system is no longer supported, essential functions of the system could fail and the City would have little ability to repair the service. A new system is essential and should be initiated as soon as possible.				

Capital Improvement Request Form Part I

Project/Program Title: Public Safety Communications Requesting Department: DOA-ITMD
 Prepared By/Phone Ext: Rich Watt / x8031 Department Head Signature: *James A. Olson*
 Account No: ST27014000

A) Department Priority 2 of 14 Useful Life 50 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions 15 Total FTEs 3.0

Position Title	No. of Positions	FTEs	Salaries
Telecommunication & Other	3	0.5	\$ 40,000
Electrical Mechanics (Operations)	12	2.5	\$ 150,000
			\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The City of Milwaukee designs, installs, and manages its own "wide area network", COMON (City Of Milwaukee Optical Network), built with city fiber in city conduit. Almost all governments and businesses purchase WAN circuits from entities like AT&T, Time Warner Telecom, Quest and other 'carriers'. ITMD provides those services directly to the City. COMON provides about 175 Gigabit Ethernet circuits to various City entities. AT&T charges about \$2,500-\$4,000 per month for similar circuits depending on distance. Based on this, the value of the circuits ITMD provides is approximately \$450,000 per month. ITMD also provides other types of communication circuits for the phone system, the Police radio system, SCADA systems and other systems. This project contributes to the attainment of several citywide strategic goals including: protecting citizens from crime and fire hazards, strengthening Milwaukee's neighborhoods, and ensuring residents and businesses obtain high value from, and pay a fair cost for, services provided by the city. Currently Police, Fire, Health Centers, DPW Sites, DNS, a few Public Libraries and certain business partners have been connected to COMON.

G) Additional Comments

The City Of Milwaukee Optical Network (COMON) is a system of fiber optic cables which reside in the city's 540 miles of underground conduit. COMON has expanded from Public Safety locations to other City operations, providing circuits for: data, telephony, SCADA, security, building management, fuel management, telemetry, and video systems. COMON has, with the support of the Mayor and Common Council, developed to serve other public entities; including WISNET/University of Wisconsin - Milwaukee (UW-M), MATC, Marquette University, UW-M (Internet2@ community), UW-M Great Lakes WATER Institute, Discovery World, Milwaukee World Festival, Midwest Airlines Convention Center, VISIT Milwaukee, WisDOT, MIAD, and Milwaukee Public Museum. The 2015-2020 program will continue the extension of the optical network to remaining City buildings and to provide network redundancies for critical facilities.

Capital Improvement Request Part II

Requesting Department: DOA-ITMD

Project/Program Title: Public Safety Communications

Account No: ST27014000

Year	Tax Levy/Borrowing		Grant & Aid		Revenue		Special Assessment		Enterprise		Total Cost
Remaining Balance for 2014											\$0
2015 Budget Request	\$700,000										\$700,000
2016 Projection	\$600,000										\$600,000
2017 Projection	\$600,000										\$600,000
2018 Projection	\$600,000										\$600,000
2019 Projection	\$600,000										\$600,000
2020 Projection	\$600,000										\$600,000
Total Six Year Cost	\$3,700,000		\$0				\$0			\$0	\$3,700,000
Total Project Cost	\$3,700,000		\$0				\$0			\$0	\$3,700,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/14

Estimated Completion Date: 12/31/14

Department Head Signature



Prepared By/Phone Ext

Rich Wall / x8031

CIC - Capital Improvement Request Part III

Department: DOA-ITMD	Date Submitted: 3/21/2014
Project/Program: Public Safety Communications	
Prepared By: Rich Watt	Current Request: \$700,000
Dept Head: Nancy Olson	6 Yr Total: \$3,200,000

General Project/Program Description:

This program provides for the installation of communications facilities providing circuits for data, telephony, SCADA, security, building management, fuel management, telemetry, and video systems. These systems serve agencies supporting public safety & health, elected officials & administration, business & development, judicial & oversight, & other levels of government.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
x				Does the project directly promote improved health or safety?
x				Does the project mitigate an immediate risk?

Comments / Other Considerations:

This program provides for the communications of public safety agencies; SCADA systems for water, sewer, and traffic control; and other health and safety entities. This program serves to connect all City agencies, as well as enhance network redundancies to promote uninterrupted communications.

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate?
	x			Does the project promote long-term regulatory compliance?
	x			Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

There is no regulatory compliance to consider.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
x				Will the project lead to a reduction in operating costs?
x				Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
x				Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity? (e.g. user fees)
	x			Will the project result in a reduction in energy use?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

The deployment of fiber optic cable to replace copper cabling extends life cycle levels, reduces annual maintenance and operating costs, and provides additional capacity to serve high-bandwidth applications. Deployment of City communications cabling is dependant on the availability of underground conduit to route and protect cables.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program:

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
x				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	x			Does the project increase or enhance recreational opportunities and/or green space?
	x			Will the project mitigate blight?
x			All citizens	Does the project target the quality of life of all citizens?
	x			Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
The communications improvements under this program facilitate general City governance and operation. These resources also support outside municipal and non-profit agencies such as Milwaukee County and multiple universities with educational missions.				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
				How does the request affect the replacement cycle? Provide specifics below.
x				Has the facility being replaced exceeded its useful life?
	x			Does this project extend the useful life of an existing facility?
		x		Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
x				Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
x				Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
1.) The funding requested for public safety communications represents no change in life cycle replacement from prior requests. 2.) The installation of fiber optic cabling provides enhanced capacity over the copper cabling being replaced. 3.) The improvements included in this program are needed to support the communications needs throughout the City.				
Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
		x		Will the project continue to promote or enhance economic/community development in an already developed area?
		x		Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
		x		Will the project produce desirable jobs in the City?
		x		Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
The project does not directly effect economic or community development.				
Yes	No	N/A	Amount	Special Considerations
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
Installation of communications facilities is coordinated with construction and paving projects to avoid the potential impact to communications due to construction.				

Capital Improvement Request Form Part I

Project/Program Title: MapMilwaukee ArcGIS upgrade

Requesting Department: DOA-ITMD

Prepared By/Phone Ext: Rich Watt / x8031

Department Head Signature: *Nancy B. Olson*

Account No: _____

A) Department Priority 3 of 14 Useful Life 6 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 3 Total FTEs 0.7

Position Title	No. of Positions	FTEs	Salaries
<u>GIS Developer - Senior</u>	<u>1</u>	<u>0.5</u>	<u>\$ 36,900</u>
<u>Data Base Administrator</u>	<u>1</u>	<u>0.2</u>	<u>\$ 19,600</u>
_____	_____	_____	<u>\$ _____</u>

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This project will replace MapMilwaukee servers at the end of their useful lives, increase capacity to meet greater demand for mapping services, upgrade hardware to increase reliability, facilitate use of new development tools, offer backup capability, and provide expansion capacity that will support new multi-platform GIS applications including the ITMD's Unified Call Center (UCC) customer support system and the new Land Management System (LMS). New Map Milwaukee applications and services have proven to be valuable resources for city employees and the public and are integral parts of OES Green Infrastructure planning and the Strong Neighborhood Project. The current GIS infrastructure implementation was designed to support internet use. This project provides an expanded infrastructure that will be able to adequately support existing internet use, along with secure intranet use, and enterprise business systems. Implementing an intranet environment to support only City employees provides secure access to sensitive data (e.g. crime data, health data, critical infrastructure) to City employees without risk of exposure to the internet.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DOA-ITMD

Project/Program Title: Mobile Device Security & Management

Account No: _____

Year	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014					\$0
2015 Budget Request	\$400,000				\$400,000
2016 Projection					\$0
2017 Projection					\$0
2018 Projection					\$0
2019 Projection					\$0
2020 Projection					\$0
Total Six Year Cost	\$0	\$0	\$0	\$0	\$400,000
Total Project Cost	\$0	\$0	\$0	\$0	\$400,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

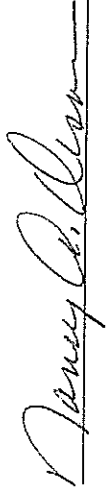
Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 03/01/15

Estimated Completion Date: 12/31/15

Department Head Signature



Prepared By/Phone Ext

Rich Watt / x8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/21/2014
Project/Program:	MapMilwaukee ArcGIS Upgrade		
Prepared By:	Rich Watt	Current Request:	\$400,000
Dept Head:	Nancy Olson	6 Yr Total:	\$400,000

General Project/Program Description:

This project will replace MapMilwaukee servers at the end of their useful lives, increase capacity to meet greater demand for mapping services, upgrade hardware to increase reliability, facilitate use of new development tools, offer backup capability, and provide expansion capacity that will support new multi-platform GIS applications including the ITMD's Universal Call Center customer support system and the new Land Management System (LMS).

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
			5 years	What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

Among the many benefits of the GIS Infrastructure Improvement project, most notably are improvements in efficiencies and workflows. Mobile map applications will allow field staff in departments such as DNS and DPW to have access to city data in any location. Not only will employees have access to data, they will also have the tools to update this data without returning to the office.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: MapMilwaukee ArcGIS Upgrade

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
	X			How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Project is based on integrating the latest GIS technologies, including applications and development tools, into the existing system infrastructure.				
Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Increased mapping capabilities and access to data can be utilized to aid economic development. The map applications supplied through this program include mapping for the SNIP program and the facilitation of demographic and property data mapping.				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Workplace Safety & Efficiency Requesting Department: DOA-ITMD
 Prepared By/Phone Ext: Rich Watt / x8031 Department Head Signature: *James A. Brown*
 Account No: BU110130200

A) Department Priority 4 of 14 Useful Life 30 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions N/A Total FTEs N/A

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This is a continuation of the workplace safety and efficiency project in ITMD. Capital funding was approved in 2013 for \$750,000 (32% of the original request). Work done in 2013 and 2014 focused upon the general seating areas for ITMD employees and making the life safety system operational. This second request will complete the work and would include new lighting, update to environmental controls, updating of the ITMD conference room and other common areas in the ITMD workplace. This request of \$750,000 will allow the scoped work to be completed and will lower the original project budget from \$2,376,700 to \$1,500,000.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DOA-ITMD

Project/Program Title: Workplace Safety & Efficiency

Account No: BU110130200

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$750,000					\$750,000
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$750,000	\$0	\$0	\$0	\$0	\$750,000
Total Project Cost	\$750,000	\$0	\$0	\$0	\$0	\$750,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$750,000	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source?

- Yes No Uncertain

Are cost estimates based on industry standards?

- Yes No Uncertain

Will city employees be performing any portion of the work?

- Yes No Uncertain

Did you perform a cost/benefit analysis?

- Yes No Uncertain

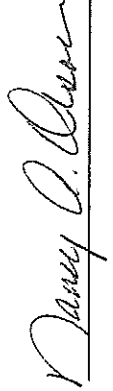
How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 07/01/15

Department Head Signature



Prepared By/Phone Ext

Rich Walt / x8031

CIC - Capital Improvement Request Part III

Department: DOA - Information & Technology Management Division	Date Submitted: 3/21/2014
Project/Program: Workplace safety and efficiency	
Prepared By: Rich Watt	Current Request: \$750,000
Dept Head: Nancy Olson	6 Yr Total: \$1,500,000

General Project/Program Description:

This is a continuation of the workplace safety and Efficiency project in ITMD. Capital funding was approved in 2013 for 32% of the request. The remaining request will complete the work for \$850k less than originally proposed and would include new lighting, update to controls and updating of the ITMD conference room and other common areas in the ITMD workplace.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
			15 years	What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

Planned improvements will reduce energy usage through the installation of modern lighting and other controls.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Workplace safety and efficiency

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Outdated, rundown equipment and materials impair staff effectiveness and morale.				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
	X			Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: IT Upgrades/Replacements Requesting Department: DOA-ITMD
 Prepared By/Phone Ext: Rich Watt / x8031 Department Head Signature: [Signature]
 Account No: BU110120200

A) Department Priority 5 of 14 Useful Life 5 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions 3 Total FTEs 0.5

Position Title	No. of Positions	FTEs	Salaries
<u>Programmer Analyst</u>	<u>1</u>	<u>0.2</u>	\$ <u>11,300</u>
<u>Telecommunications Analyst Sr</u>	<u>2</u>	<u>0.3</u>	\$ <u>20,100</u>
			\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 The IT Upgrades/Replacements capital project request includes funding for three separate projects. The first project is the implementation of Lagan Employee mobile product to allow service delivery workers the ability to log service requests in the field in the same central tracking system as the UCC call agents, the citizen mobile product, and the website (Click for Action). This product is the next phase of the UCC mobile project, and advances citywide goals for performance management and central data collection. Lagan Employee Mobile provides real-time updates, allowing workers to log work orders and check cases upon arrival at the service location. Other possible efficiencies include the ability to reallocate cases once a filed investigation has been completed. This type of real-time update significantly reduces the overall length of time before a case is resolved, improving SLA adherence.

G) Additional Comments
 The second project initiates a network switch upgrade schedule in line with the PC replacement schedule. Network switches are utilized by every department and, currently, funding for replacement switches is the responsibility of the affected department. Departments are often unprepared for the cost of replacing a faulty switch, and a majority of switches are near or past their useful life. This project will insure consistent and secure access to the network for all City personnel. The third project is an upgrade to the City's Titan CMS The Titan CMS is the tool used by City departments to design and add content to the City's website. The City currently uses version 5.1, while the current verion is 7.x. An upgrade will ensure the City's ability to adopt current and new website functionality.

Capital Improvement Request Part II

Requesting Department: DOA-ITMD

Project/Program Title: IT Upgrades/Replacements

Account No: BU110120200

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$280,000					\$280,000
2016 Projection	\$300,000					\$300,000
2017 Projection	\$300,000					\$300,000
2018 Projection	\$300,000					\$300,000
2019 Projection	\$300,000					\$300,000
2020 Projection	\$300,000					\$300,000
Total Six Year Cost	\$1,780,000	\$0	\$0	\$0	\$0	\$1,780,000
Total Project Cost	\$1,780,000	\$0	\$0	\$0	\$0	\$1,780,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020	Total
\$0	\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

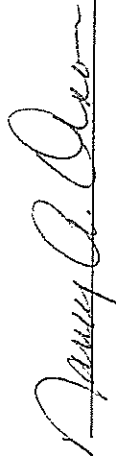
How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/15

Department Head Signature



Prepared By/Phone Ext

Rich Watt / x8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/21/2014
Project/Program:	IT upgrades/replacements		
Prepared By:	Rich Watt	Current Request:	\$280,000
Dept Head:	Nancy Olson	6 Yr Total:	\$1,780,000

General Project/Program Description:

The IT Updates/Replacements request includes funding for three separate projects: 1. Implementation of Lagan Employee mobile. 2. Initiation of a network switch upgrade schedule in every City department. 3. Upgrade of the City's Titan CMS.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
			3 years	What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

Modern network switches and associated hardware will reduce energy usage and increase network access speeds. The Lagan Employee mobile application will increase productivity of City staff, as will the Titan CMS upgrade.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: IT upgrades/replacements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
X				How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Network switches are currently only replaced upon failure and at the cost of the affected department. The switch replacement cycle will insure that switches are modern and reliable, and that funds are available for emergency replacement. New capabilities of the CMS will provide better service to the public through the City website.				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
	X			Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				
Over 60% of the network switches throughout City buildings are well past their expected life. As these switches fail, departments will be required to find the funds for replacement, unless this program is implemented.				

Capital Improvement Request Form Part I

Project/Program Title: Mobile Device Security & Management

Requesting Department: DOA-ITMD

Prepared By/Phone Ext: Rich Watt / x8031

Department Head Signature: *Tammy Ch. Oles*

Account No: _____

A) Department Priority 6 of 14 Useful Life 5 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Phenomenal growth in the number of mobile devices has made them an increasingly attractive attack vector for malware. As growing numbers of City employees use their personal devices to connect to City e-mail and applications, the risk of attack becomes a significant threat. This project would procure security and management software for mobile devices. This software would require that users install it on their devices in order to connect to critical City systems. Mobile devices could then be secured remotely, wiped clean if stolen or lost, and managed from a central location.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DOA-ITMD

Project/Program Title: Mobile Device Security & Management

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$160,000					\$160,000
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$160,000	\$0	\$0	\$0	\$0	\$160,000
Total Project Cost	\$160,000	\$0	\$0	\$0	\$0	\$160,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: _____ 03/01/15

Estimated Completion Date: _____ 08/31/15

Department Head Signature



Prepared By/Phone Ext

Rich Watt / x8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/21/2014
Project/Program:	Mobile Security and Management		
Prepared By:	Rich Watt	Current Request:	\$160,000
Dept Head:	Nancy Olson	6 Yr Total:	\$160,000

General Project/Program Description:

This project would procure security and management software for mobile devices. This software would require that users install it on their devices in order to connect to critical City systems. Mobile devices could then be secured remotely, wiped clean if stolen or lost, and managed from a central location.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
			3 years	What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

Phenomenal growth in the number of mobile devices has made them an increasingly attractive attack vector for malware. As growing numbers of City employees use their personal devices to connect to City e-mail and applications, the risk of attack becomes a significant threat.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Mobile Security and Management

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
	X			How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
This project will use the latest available technology to ensure that critical City systems including e-mail and Milwaukee.gov are protected from malware residing on personal mobile devices used for City business.				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
	X			Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Corporate Database Server Upgrade Requesting Department: DOA-ITMD
 Prepared By/Phone Ext: Rich Watt / x8031 Department Head Signature: *[Signature]*
 Account No: _____

A) Department Priority 7 of 14 Useful Life 7 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions 3 Total FTEs 0.7

Position Title	No. of Positions	FTEs	Salaries
<u>Database Admin and Assoc.</u>	<u>1</u>	<u>0.5</u>	\$ <u>49,100</u>
<u>IT Support staff</u>	<u>2</u>	<u>0.2</u>	\$ <u>11,000</u>
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 This project will update the database server currently supporting the corporate database. The Oracle database server houses various significant mission critical system datasets such as Unified Call Center Lagan service requests, City Clerk Licenses, and the Master Property database and serves all of the data lookups and web applications used by the visitors to the City web site. The current corporate database server hardware was purchased in 2007. ITMD's goal is to consolidate City servers and software to control and minimize licensing and support costs. Unfortunately, the current system is not capable of supporting any significant consolidation efforts. The aging corporate database has neither the processing power nor the SAN disk necessary to move forward with any large scale consolidation.

G) Additional Comments
 Major systems and applications supported by the corporate database include LIRA, Lagan, Map Milwaukee, GIS and many map services, MPD Crime Data and Mapping, E-notify, Digger's Hotline, MPROP - Master Property File, DIME, Master Address Index, COMPASS, and Water and Sewer mapping data.

Capital Improvement Request Part II

Requesting Department: DOA-ITMD

Project/Program Title: Corporate Database Server Upgrade

Account No: _____

Year	Grant & Aid			Revenue			Special Assessment			Enterprise	Total Cost
Remaining Balance for 2014											\$0
2015 Budget Request											\$0
2016 Projection	\$480,000										\$480,000
2017 Projection											\$0
2018 Projection											\$0
2019 Projection											\$0
2020 Projection											\$0
Total Six Year Cost	\$480,000	\$0	\$0				\$0	\$0		\$0	\$480,000
Total Project Cost	\$480,000	\$0	\$0				\$0	\$0		\$0	\$480,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source?

Are cost estimates based on industry standards?

Will city employees be performing any portion of the work?

Did you perform a cost/benefit analysis?

How will this project impact city operating expenditures?

Estimated Start Date: 03/01/16

Estimated Completion Date: 12/31/16

Department Head Signature



Prepared By/Phone Ext

Rich Watt / x8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/21/2014
Project/Program:	Corporate Database Hardware Upgrade	Current Request:	\$0
Prepared By:	Rich Watt	6 Yr Total:	\$480,000
Dept Head:	Nancy Olson		

General Project/Program Description:

This project will update the database server currently supporting the corporate database. The Oracle database server houses various mission critical system datasets such as Unified Call Center Lagan service requests, City Clerk Licenses, and the Master Property database and serves all of the data lookups and web applications used by visitors to the City web site.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
			5 years	What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

Updating the City database system will both reduce the likelihood of a failure to the system and increase the speed and capacity of the system.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Corporate Database Hardware Upgrade

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
	X			How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
	X			Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: CSWAN-COMON Upgrade

Requesting Department: DOA-ITMD

Prepared By/Phone Ext: Rich Watt / x8031

Department Head Signature: *Randy A. Olson*

Account No: _____

A) Department Priority 8 of 14 Useful Life 5 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 2

D)

Total Positions	Total FTEs
<u>TBD</u>	<u>TBD</u>

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This project will provide for an upgrade of the core City network. Avaya components currently used for the network have been announced for end of services support (ESS) in June, 2016. At that time, core products relied upon for the city network no longer have repair services, technical support or emergency recovery and design maintenance. Replacing these outdated network components will ensure the safety of the City network, and will increase the energy efficiency of the system.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DOA-ITMD

Project/Program Title: CSWAN-COMON Upgrade

Account No: _____

Year	Grant & Aid		Revenue		Special Assessment		Enterprise		Total Cost
Remaining Balance for 2014									\$0
2015 Budget Request									\$0
2016 Projection	\$600,000								\$600,000
2017 Projection	\$500,000								\$500,000
2018 Projection									\$0
2019 Projection									\$0
2020 Projection									\$0
Total Six Year Cost	\$1,100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,100,000
Total Project Cost	\$1,100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,100,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/01/16

Estimated Completion Date: 06/30/17

Department Head Signature



Prepared By/Phone Ext

Rich Watt / x8031

CIC - Capital Improvement Request Part III

Department:	DOA-ITMD	Date Submitted:	3/21/2014
Project/Program:	CSWAN-COMON Upgrade	Current Request:	\$0
Prepared By:	Rich Watt	6 Yr Total:	\$1,100,000
Dept Head:	Nancy Olson		

General Project/Program Description:

This program provides for the installation of communications facilities providing circuits for data, telephony, SCADA, security, building management, fuel management, telemetry, and video systems. These systems serve agencies supporting public safety & health, elected officials & administration, business & development, judicial & oversight, & other levels of government.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
x				Does the project directly promote improved health or safety?
x				Does the project mitigate an immediate risk?

Comments / Other Considerations:

This City's Community Safety Wide-Area Network provides for the communications of public safety agencies; SCADA systems for water, sewer, and traffic control; and other health and safety entities. This network serves to connect all City agencies.

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate?
	x			Does the project promote long-term regulatory compliance?
	x			Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

There is no regulatory compliance to consider.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
x				Will the project lead to a reduction in operating costs?
x				Will the project lead to increased productivity or service improvements?
		x		Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity? (e.g. user fees)
	x			Will the project result in a reduction in energy use?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

The Community Safety Wide-Area Network was last upgraded in 2008. Annual maintenance will not change substantially from existing maintenance costs. By replacing hardware that is going out of support, the City will be able to maintain support for a critical service and enhance the range of applications it can support.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: CSWAN-COMON Upgrade

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space?
		x		Will the project mitigate blight?
		x	All citizens	Does the project target the quality of life of all citizens?
		x		Does the project preserve or improve the historical or natural heritage of the City?
		x		Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
This is for a Wide-Area Network upgrade with no area plan implications.				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
		x		Does this project extend the useful life of an existing facility?
		x		Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		x		Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
This project does not include a facility.				
Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
		x		Will the project continue to promote or enhance economic/community development in an already developed area?
		x		Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
		x		Will the project produce desirable jobs in the City?
		x		Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
The project does not directly effect economic or community development.				
Yes	No	N/A	Amount	Special Considerations
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	x			Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
None.				

Capital Improvement Request Form Part I

Project/Program Title: Oracle/PeopleSoft Financial Upgrade Requesting Department: DOA-ITMD

Prepared By/Phone Ext: Rich Watt / x8031 Department Head Signature: *Denny A. Olson*

Account No: _____

A) Department Priority 9 of 14 Useful Life 6 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 1.5

D) Total Positions TBD Total FTEs TBD

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This project will update the Financial modules of the Peoplesoft enterprise product to Oracle's latest version of the PeopleSoft Financial software. The upgrade will guarantee continued product support and updates.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DOA-ITMD

Project/Program Title: Oracle/PeopleSoft Financial Upgrade

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request						\$0
2016 Projection	\$1,300,000					\$1,300,000
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$1,300,000	\$0	\$0	\$0	\$0	\$1,300,000
Total Project Cost	\$1,300,000	\$0	\$0	\$0	\$0	\$1,300,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/16

Estimated Completion Date: 06/30/17

Department Head Signature



Prepared By/Phone Ext

Rich Wall / x8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/21/2014
Project/Program:	Oracle/Peoplesoft FMIS upgrade		
Prepared By:	Rich Watt	Current Request:	\$0
Dept Head:	Nancy Olson	6 Yr Total:	\$1,300,000

General Project/Program Description:
 This project will update the PeopleSoft enterprise product to Oracle's latest version of the PeopleSoft financials software. The upgrade will guarantee continued product support and updates, will provide enhanced functionality and ease of use.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
			5 years	What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
X				Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 The FMIS upgrade project will install enterprise system software that includes the latest features and available functionality. It also provides an ongoing path for future upgrades and improvements. The software does require annual maintenance payments that are included in the ITMD operating budget. The actual migration to the new version may cause some minor disruptions to service, which are minimized by making the changeover during non-working hours.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Oracle/Peoplesoft FMIS upgrade

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
	X			How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
	X			Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Oracle/PeopleSoft HRMS Upgrade

Requesting Department: DOA-ITMD

Prepared By/Phone Ext: Rich Watt / x8031

Department Head Signature: *Timothy A. Olson*

Account No: _____

A) Department Priority 10 of 14 Useful Life 6 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 1.5

D) Total Positions TBD Total FTEs TBD

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This project will update the HRMS module of the Peoplesoft enterprise product to Oracle's latest version of the PeopleSoft HRMS software. The upgrade will guarantee continued product support and updates.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DOA-ITMD

Project/Program Title: Oracle/PeopleSoft HRMS Upgrade

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request						\$0
2016 Projection						\$0
2017 Projection	\$1,100,000					\$1,100,000
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$1,100,000	\$0	\$0	\$0	\$0	\$1,100,000
Total Project Cost	\$1,100,000	\$0	\$0	\$0	\$0	\$1,100,000

Life to Date Expenditures (Project Only)

	2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

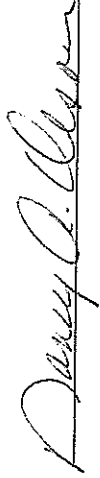
Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/17

Estimated Completion Date: 06/30/18

Department Head Signature



Prepared By/Phone Ext

Rich Wall / x8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/21/2014
Project/Program:	Oracle/Peoplesoft HRMS upgrade		
Prepared By:	Rich Watt	Current Request:	\$0
Dept Head:	Nancy Olson	6 Yr Total:	\$1,100,000

General Project/Program Description:

This project will update the PeopleSoft enterprise product to Oracle's latest version of the PeopleSoft HRMS software. The upgrade will guarantee continued product support and updates, will provide enhanced functionality and ease of use.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
			5 years	What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
X				Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

The HRMS upgrade project will install enterprise system software that includes the latest features and available functionality. It also provides an ongoing path for future upgrades and improvements. The software does require annual maintenance payments that are included in the ITMD operating budget. The actual migration to the new version may cause some minor disruptions to service, which are minimized by making the change during non-working hours.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Oracle/Peoplesoft HRMS upgrade

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
	X			How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
An upgrade to the Human Resources software will improve the management and efficiency of personnel-related procedures while making information more easily accessible to departments and policy makers.				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
	X			Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Web Security Appliance Requesting Department: DOA-ITMD

Prepared By/Phone Ext: Rich Watt / x8031 Department Head Signature: *Janece A. Wilson*

Account No: _____

A) Department Priority 11 of 14 Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 2 Total FTEs 6.0

Position Title	No. of Positions	FTEs	Salaries
<u>Project Lead</u>	<u>1</u>	<u>0.3</u>	\$ <u>22,100</u>
<u>IT Support Specialist - Senior</u>	<u>1</u>	<u>0.3</u>	\$ <u>26,400</u>
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The Web Security Appliance is designed to protect users against spyware, adware, and malware while using the internet. The appliance will prevent infection of user desktop PCs, saving many hours troubleshooting infected computers and protecting City data from corruption or compromise. This appliance will also stop users from unintentionally passing their usernames and passwords to spam sites, which has been the cause of computers on the City network being compromised.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DOA-ITMD

Project/Program Title: Web Security Appliance

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request						\$0
2016 Projection						\$0
2017 Projection						\$0
2018 Projection	\$350,000					\$350,000
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$350,000	\$0	\$0	\$0	\$0	\$350,000
Total Project Cost	\$350,000	\$0	\$0	\$0	\$0	\$350,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

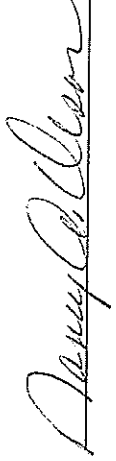
Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/31/18

Estimated Completion Date: 08/01/18

Department Head Signature



Prepared By/Phone Ext

Rich Walt / x8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/21/2014
Project/Program:	Web Security Appliance		
Prepared By:	Rich Watt	Current Request:	\$0
Dept Head:	Nancy Olson	6 Yr Total:	\$350,000

General Project/Program Description:

The Web Security Appliance will protect users against spyware, adware, and malware and prevent infection of user desktop PCs, saving many hours troubleshooting infected computers and protecting City data from corruption or compromise. This appliance will also stop users from unintentionally passing their usernames and passwords to spam sites.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
			5 years	What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

Over the past several years the City's email system has proven vulnerable to external attack. Most of these attacks target users directly by employing "phishing," spyware, trojans, and other forms of malware. The Web Security Appliance would protect against these attacks, reducing remediation costs, safeguarding information, and limiting City liability.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Web Security Appliance

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
	X			How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
The Web Security Appliance will introduce new technology to protect users from inadvertently falling victim to malware attacks via the Internet. This will help to ensure the safety of City systems, including e-mail, databases, financial systems, etc. while protecting the City against liability for stolen and misused online information.				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
	X			Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Oracle/PeopleSoft HRMS eModules

Requesting Department: DOA-ITMD

Prepared By/Phone Ext: Rich Watt / x8031

Department Head Signature: *Nancy A. Cleaver*

Account No: _____

A) Department Priority 12 of 14 Useful Life 6 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions TBD Total FTEs TBD

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This project will purchase eDevelopment, eProfile Manager and eCompensation Manager modules to enhance self-service functionality within the Oracle/PeopleSoft HRMS modules. The enhancements will allow improved management of employee skills/training for both the employee and City managers.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DOA-ITMD

Project/Program Title: Oracle/PeopleSoft HRMS eModules

Account No:

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request						\$0
2016 Projection						\$0
2017 Projection						\$0
2018 Projection	\$200,000					\$200,000
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Total Project Cost	\$200,000	\$0	\$0	\$0	\$0	\$200,000

Life to Date Expenditures (Project Only)

-	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

	2015	2016	2017	2018	2019	2020
Thorough Cost Estimate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source?

Yes No

Uncertain

Are cost estimates based on industry standards?

Yes No

Uncertain

Will city employees be performing any portion of the work?

Yes No

Uncertain

Did you perform a cost/benefit analysis?

Yes No

Uncertain

How will this project impact city operating expenditures?

Increase

Decrease

None

Estimated Start Date:

01/01/18

Estimated Completion Date:

10/31/18

Department Head Signature



Prepared By/Phone Ext

Rich Walt / x8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/21/2014
Project/Program:	Oracle/Peoplesoft eModules	Current Request:	\$0
Prepared By:	Rich Watt	6 Yr Total:	\$200,000
Dept Head:	Nancy Olson		

General Project/Program Description:

This project will purchase eDevelopment, eProfile Manager and eCompensation Manager modules to enhance self-service functionality within the Oracle/PeopleSoft HRMS modules. The enhancements will allow improved management of employee skills/training for both the employee and City managers.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
			5 years	What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Oracle/Peoplesoft eModules

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
	X			How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
	X			Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Oracle Fusion upgrade study

Requesting Department: DOA-ITMD

Prepared By/Phone Ext: Rich Watt / x8031

Department Head Signature: *Nancy A. Olson*

Account No: _____

A) Department Priority 13 of 14 Useful Life 5 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Fusion represents Oracle's next generation version of the City's current financial and HRMS enterprise software. The proposed study would evaluate functionality and suitability of the upgrade software. The study will also aid in development of implementation and transition plans, and provide for more accurate estimates of total migration project costs.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DOA-ITMD

Project/Program Title: Oracle Fusion upgrade study

Account No:

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request						\$0
2016 Projection						\$0
2017 Projection						\$0
2018 Projection	\$300,000					\$300,000
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Total Project Cost	\$300,000	\$0	\$0	\$0	\$0	\$300,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No
- Are cost estimates based on industry standards? Yes No
- Will city employees be performing any portion of the work? Yes No
- Did you perform a cost/benefit analysis? Yes No

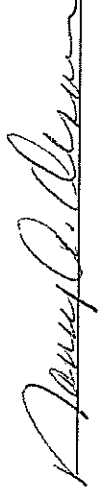
How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 04/01/18

Estimated Completion Date: 09/30/18

Department Head Signature



Prepared By/Phone Ext

Rich Wall / x8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/21/2014
Project/Program:	"Fusion" upgrade study		
Prepared By:	Rich Watt	Current Request:	\$0
Dept Head:	Nancy Olson	6 Yr Total:	\$300,000

General Project/Program Description:

"Fusion" represents Oracle's next generation version of the City's current financial and HRMS enterprise software. The proposed study would evaluate functionality and suitability of the upgrade software. The study will also aid in development of implementation and transition plans, and provide for more accurate estimates of total migration project costs.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
			5 years	What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

Study will determine whether "Fusion" upgrade will provide increased productivity and service improvements. Upgrading to "Fusion" or remaining with the current PeopleSoft Financial and Human Resource systems will both entail significant annual maintenance payments to ensure the enterprise system remains current.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: "Fusion" upgrade study

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
	X			How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
"Fusion" offers the potential for technological improvement in the City's FMIS and HRMS systems, although the degree and cost will remain unknown until the study is complete.				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
	X			Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Oracle/PeopleSoft Employee Portal

Requesting Department: DOA-ITMD

Prepared By/Phone Ext: Rich Watt / x8031

Department Head Signature: *Nancy A. Olson*

Account No: _____

A) Department Priority 14 of 14 Useful Life 6 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions TBD Total FTEs TBD

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This project will provide assistance in implementing an Employee portal using PeopleSoft application and review the use of HRMS data to assist in provisioning new and/or terminated users to other city applications.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DOA-ITMD

Project/Program Title: Oracle/PeopleSoft Employee Portal

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request						\$0
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection	\$300,000					\$300,000
2020 Projection						\$0
Total Six Year Cost	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Total Project Cost	\$300,000	\$0	\$0	\$0	\$0	\$300,000

Life to Date Expenditures (Project Only) \$0 \$0 \$0 \$0 \$0 \$0

Available Cost Estimate:

Thorough Cost Estimate 2015 2016 2017 2018 2019 2020

Limited Information

Based on Cost of Similar Projects

Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/19

Estimated Completion Date: 10/31/19

Department Head Signature



Prepared By/Phone Ext

Rich Wait / x8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/21/2014
Project/Program:	Employee Portal		
Prepared By:	Rich Watt	Current Request:	\$0
Dept Head:	Nancy Olson	6 Yr Total:	\$300,000

General Project/Program Description:

This project will provide assistance in implementing an Employee portal using PeopleSoft application and review the use of HRMS data to assist in provisioning new and/or terminated users to other city applications.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
			5 years	What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Employee Portal

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
	X			How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
"Fusion" offers the potential for technological improvement in the City's FMIS and HRMS systems, although the degree and cost will remain unknown until the study is complete.				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
	X			Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Project/Program Title: Assessment Software Requesting Department: Assessor
 Prepared By/Phone Ext: Mary Reavey/3101 Department Head Signature: Mary Reavey
 Account No: _____

A) Department Priority 1 of 1 Useful Life 15 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years Approximately 3-4

D) Total Positions 6 Total FTEs 1.95 see below for additional positions (G)

Position Title	No. of Positions	FTEs	Salaries
<u>Systems Analyst Project Mgr.</u>	<u>1</u>	<u>0.5</u>	<u>\$ 59,000</u>
<u>Property Systems Administrator</u>	<u>1</u>	<u>0.5</u>	<u>\$ 36,000</u>
<u>Chief Assessor</u>	<u>1</u>	<u>0.2</u>	<u>27,000</u>
<u>Applications Development Mgr.</u>	<u>1</u>	<u>0.1</u>	<u>18,500</u>
<u>Systems Analyst Project Leader</u>	<u>1</u>	<u>0.35</u>	<u>51,500</u>
<u>Programmer Analyst</u>	<u>1</u>	<u>0.3</u>	<u>30,000</u>
			<u>\$ 222,000</u>

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 The current system used by the department was written in-house with the help of a consultant. In the near future the people in charge of maintaining the system will be retiring. The software used to write the system operates under an older platform that will be difficult to maintain since other vendors/contractors are not likely available. That aside, the current system is not flexible enough to supply data to other users without assessor office intervention. One of the advantages we look for in a newer system supported by a vendor is that the system will allow accessibility to a wide range of city departments directly. This increase in functionality will free up time in the assessor's office to concentrate on property valuation. With the depletion of resources over the years it is necessary to the successful operation of the assessor's office to eliminate the assessor involvement and allow access to property data and processes using data to a wide variety of city and non-city stakeholders.

G) Additional Comments
 It is anticipated that a new system will support time-saving measures by allowing the use of tablets or other similar devices in the field freeing up time currently used to re-enter data gathered in the inspection process. Due to the large influx of court related matters this system will allow for better use of staff time and resources. We are in the process of creating a cost/benefit analysis.

Capital Improvement Request Part II

Requesting Department: Assessor Account No: _____
 Project/Program Title: Assessment Software

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$833,500					\$833,500
2016 Projection	\$833,500					\$833,500
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$1,667,000	\$0	\$0	\$0	\$0	\$1,667,000
Total Project Cost	\$1,667,000	\$0	\$0	\$0	\$0	\$1,667,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0
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Available Cost Estimate:

Thorough Cost Estimate	2015	2016	2017	2018	2019	2020
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain
 **Cost/benefit analysis is in process Increase Decrease None
 How will this project impact city operating expenditures?

Estimated Start Date: 01/01/15
 Estimated Completion Date: 12/31/17

Department Head Signature: Mary Reavey
 Prepared By/Phone Ext: Mary Reavey/3101

CIC - Capital Improvement Request Part III

Department:	Assessor	Date Submitted:	3/18/2014
Project/Program:	Assessment Software	Current Request:	\$833,500
Prepared By:	Mary Reavey	6 Yr Total:	\$1,667,000
Dept. Head:	Mary Reavey		

General Project/Program Description:

Conversion of existing property data to new software package that will aid in the assessment of city property, the reporting of information to the Department of Revenue and the maintenance of the property database.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety ?
	X			Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate ?
X				Does the project promote long-term regulatory compliance ?
X				Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

The Department of Revenue(DOR) has several new mandates that are required of assessors that are currently being handled inefficiently. Any new system will contain the capability of direct reporting to the DOR. In addition, the DOR is requiring the upload of certain property characteristics to aid them in the equalization process. It is anticipated that a new system would contain the ability to **easily upload data meeting that requirement**.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
	X			Will the facility require additional personnel to operate?
			UNKNOWN	Will the project lead to a reduction in operating costs ?
X				Will the project lead to increased productivity or service improvements ?
	X			Will the facility require significant annual maintenance ?
			UNKNOWN	Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
			POSSIBLY	Is there a revenue generating opportunity ? (e.g. user fees)
X				Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

This project will allow for efficiencies and the possible opportunity for the city to provide assessment services to additional municipalities.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Assessment Software

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

The project does not directly impact comprehensive area plans but will allow DCD and other departments better access to information which should aid in plan development and accountability.

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

This project has the potential of providing more efficient and better inter-governmental access to data. Additional data will be collected and displayed, i.e. sketches. In anticipation of storing this in a cloud environment, the need to purge essential data will be eliminated. The ability to interface with the city's permit system, tax billing system, and the ability to allow departments to interface with this system will provide efficiencies citywide.

Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

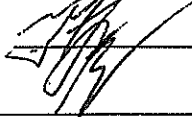
This project should indirectly aid in community development by enhancing ability to analyze data to project outcomes. Additionally the ability to access data is instrumental in determining if projected outcomes are achieved.

Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private)
X				Are there critical timing issues associated with this project?
X				Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Current systems will be unsupported in the next 2-3 years. Once that happens there could be serious repercussions in completing assessments timely and adhering to DOR reporting timelines that could negatively impact the city.

Capital Improvement Request Form Part I

Project/Program Title: City Hall 8th Floor Remodel Requesting Department: City Attorney
 Prepared By/Phone Ext: Robert C. Jorin, Ext. 8822 Department Head Signature: 
 Account No: BU10070300

A) Department Priority 1 of 1 Useful Life 25 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 3

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

It is necessary to renovate and redesign the 8th floor City Hall space and City Attorney's Office because of its age, substandard appearance, outdated utilities and mechanicals, and shortage of offices. The area was originally remodeled in 1985 and its useful life has been exceeded. It is one of the last remaining floors in City Hall requiring remodeling. The general condition of the space is dingy and worn, lacking the look of a professional law office. Its appearance is substandard to other offices in City Hall in terms of aesthetics, function, and design. Lighting, utilities, and electrical systems need to be upgraded and the mechanicals are out-dated and need to be replaced with energy efficient units. The entire floor needs to be reconfigured and redesigned to accommodate existing staffing requirements, create more functional space, incorporate state of the art technology, ergonomic, and safety standards. The scope of the project uncludes designing new uniform offices, moving executive offices to the south end of the floor, relocating and adding conference rooms and work areas to create more usable work space, storages, and file areas. The overall benefit would be to improve operating efficiency with a more functional, useful design, as well as create a better working environment. Remodeling would save energy, provide more coherent functional work space, and create a technologically modern office, harmonius with the historic atmosphere of City Hall. The project will include design and reconstruction of the entire 8th floor, approximately 17,00 square feet in total including public restrooms. Historic context is to be considered in the design of the public areas, lobby, main conference oom, and City Attorney's Office. The goal of the design is to use as much natural light as possible and utilize the concepts of sustainable design.

G) Additional Comments

The design of the space would include lead abatement and demolition of interior walls, construction of new offices with new furniture, construction of new conference rooms and work areas, new partition systems for general staff, structural floor repair for filing areas, new heating, cooling, and ventilation systems, new lighting, ceiling, security and life/safety systems. Reuse of materials, using materials with recycled content, and using locally available materials would be incorporated in the design. Systems would be designed to operate as efficiently as possible to minimize operating costs. Remodeling and renovating the space while the space is vacant would expedite the remodeling process and not disrupt office operations. Also, no additional relocation costs would be incurred by our office. The City spent millions of dollars on the exterior restoration of City Hall, it would be short-sighted to not complete the renovation of the 8th floor and because DPW needs to do the HVAC and mechanicals on the 8th floor, it would be more cost-effective to do the necessary remodeling at the same time.

Capital Improvement Request Part II

Requesting Department: City Attorney Account No: BU10070300
 Project/Program Title: City Hall 8th Floor Remodel

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$1,758,000					\$1,758,000
2015 Budget Request	\$1,937,300					\$1,937,300
2016 Projection	\$1,696,200					\$1,696,200
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$3,633,500	\$0	\$0	\$0	\$0	\$3,633,500
Total Project Cost	\$5,391,500	\$0	\$0	\$0	\$0	\$5,391,500

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

	2015	2016	2017	2018	2019	2020
Thorough Cost Estimate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 04/21/14

Estimated Completion Date: 05/31/16

Department Head Signature



Prepared By/Phone Ext

Robert C. Jorini, Ext. 8822

CIC - Capital Improvement Request Part III

Department:	City Attorney	Date Submitted:	3/21/2014
Project/Program:	City Hall 8th Floor Remodel		
Prepared By:	Robert C. Jorin	Current Request:	\$3,633,500
Dept Head:	Grant F. Langley	6 Yr Total:	\$5,391,500

General Project/Program Description:
 Remodel and redesign of approximately 17,000 square feet of office space including public rest rooms, construction of new offices with new furniture, construction of new conference rooms and work areas, new partition systems for general staff, structural floor repair for filing areas, new heating, cooling, and ventilation systems, new lighting, ceiling, security, and life/safety systems.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
X				Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 City Attorney staff are now located on two separate floors which is not ideal. Although difficult to quantify, the project will lead to increased operational efficiencies because all City Attorney staff will be located on one floor and there will be a better utilization of space, resources, and technology. The project is also expected to result in increased energy savings because it incorporates "green" and sustainable design elements. Updating and replacing out-dated mechanicals, utilities, lighting, and electrical systems with more energy efficient units will result in reducing long-term building energy costs.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: City Hall 8th Floor Remodel

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight ?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character ?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
				How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life ?
	X			Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	X			Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure ?
Comments / Other Considerations:				
The useful life of the space has been exceeded and the space is substandard in appearance and functionality with other offices in City Hall. It is one of the last remaining floors in City Hall requiring remodeling. The office should be reconstructed to fit with the historic context of City Hall and to complete the restoration of City Hall space.				
Economic / Community Development				
		X		Does the project have the potential to promote economic/community development in areas where growth is desired ?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Special Considerations				
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations ?
X				Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
Construction costs keep going up. Remodeling and renovating the space while it is vacant would expedite the remodeling process and not disrupt office operations. Also, no additional relocation costs would be incurred by our office. Because DPW needs to do the HVAC and mechanicals on the 8th floor, it would be more cost-effective to do the necessary remodeling at the same time. The City spent millions of dollars on the exterior of City Hall, it would be short-sighted to not complete the renovation.				



Department of Public Works
Infrastructure Services Division

Ghassan Korban
Commissioner of Public Works

Preston D. Cole
Director of Operations

Jeffrey S. Polenske
City Engineer

March 6, 2014

Mr. Grant Langley
City Attorney
Municipal Building, 7th Floor
Milwaukee, Wisconsin

2014 MAR 10 AM 10:10
CITY OF MILWAUKEE
RECEIVED
OFFICE OF
CITY ATTORNEY

**Subject: 2015 Capital Budget Estimate
Remodeling of the 8th Floor City Hall**

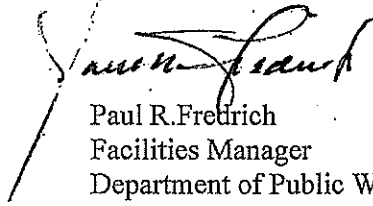
The following is in response to your request to update the above project Capital Budget Estimate based on the most recent plans. This project includes remodeling of the entire 8th floor of City Hall including replacement of all mechanical/electrical systems. This project is divided into three phases with demolition and mechanical systems as Phase I funded in 2014, construction of architectural interiors including walls and ceilings as Phase II 2015, and completion of finishes, painting carpeting, and furnishings in Phase III 2016.

The total project cost is as follows:

Note: 2014 Capital – Mechanical Systems	
Approved	\$ 1,758,000
Required 2015 Capital – Architectural Interiors	
Construction, including contingencies	\$ 1,798,400
Design	\$ 81,900
Administration/Inspection	\$ <u>57,000</u>
Total	\$ 1,937,300
Required 2016 Capital – Finishes and Furnishing	
Construction, including contingencies	\$ 1,610,000
Design	\$ 44,100
Administration/Inspection	\$ <u>42,100</u>
Total	\$ 1,696,200



Sincerely,



Paul R. Fredrich
Facilities Manager
Department of Public Works

MK:kt

c: Robert Jorin
Paul Fredrich
Thomas Tarkowski
Michael Krause
Central File



Capital Improvement Request Form Part I

Project/Program Title: Capital Improvements Committee

Requesting Department: Common Council - City Clerk

Prepared By/Phone Ext: Jim Owczarski, x2998

Department Head Signature: 

Account No: _____

A) Department Priority 1 of 4 Useful Life n/a Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 1 Total FTEs 1.0

Position Title	No. of Positions	FTEs	Salaries
<u>Fiscal Planning Specialist</u>	<u>1</u>	<u>1.0</u>	<u>\$ 87,000</u>
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

By its action in passing file number 081215 as amended by file number 090090 the Common Council reconstituted the Capital Improvements Committee and assigned the responsibility for its staffing to the office of the City Clerk. The position is specifically intended to support the work of the committee and is responsible for overseeing all of its work products. In addition, the current incumbent has accepted broad responsibility for assisting the Legislative Reference Bureau in its analysis of all capital projects, including those included in the annual budget.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: _____

Project/Program Title: _____

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$87,000					\$87,000
2016 Projection	\$89,000					\$89,000
2017 Projection	\$91,000					\$91,000
2018 Projection	\$93,000					\$93,000
2019 Projection	\$95,000					\$95,000
2020 Projection	\$97,000					\$97,000
Total Six Year Cost	\$552,000	\$0	\$0	\$0	\$0	\$552,000
Total Project Cost	\$552,000	\$0	\$0	\$0	\$0	\$552,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: _____ n/a

Estimated Completion Date: _____ n/a

Department Head Signature _____

Prepared By/Phone Ext _____

Jim Owczarski, x2998

CIC - Capital Improvement Request Part III

Department:	Common Council - City Clerk	Date Submitted:	3/26/2014
Project/Program:	Capital Improvements Committee		
Prepared By:	Jim Owczarski	Current Request:	\$87,000
Dept Head:	Jim Owczarski	6 Yr Total:	\$552,000

General Project/Program Description:
Retention of one position of fiscal planning specialist to facilitate the work of the Capital Improvements Committee

Whenever possible, **please quantify the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety ?
	X			Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate ?
	X			Does the project promote long-term regulatory compliance ?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs ?
X				Will the project lead to increased productivity or service improvements ?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity ? (e.g. user fees)
	X			Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Capital Improvements Committee

Whenever possible, **please quantify / describe the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see *Capital Guidelines* for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: LRB Research Office Upgrade

Requesting Department: Common Council - City Clerk

Prepared By/Phone Ext: Jim Owczarski, x2998

Department Head Signature: 

Account No: _____

A) Department Priority 2 of 4 Useful Life 20 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Early in 2010, the research section of the Legislative Reference Bureau moved into City Hall Room 307. Since that time, the structural inefficiencies and inadequacies of this area have become apparent. It is the intent of this request to correct these deficiencies. The room is in need of substantial renovation in addition to an HVAC upgrade. Carpeting and workstations are in extremely poor condition. Many ceiling tiles are in poor condition and the lighting is substandard. This project is necessary to create a satisfactory work environment.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Common Council - City Clerk

Project/Program Title: Room 307CH Remodelling

Account No.: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$438,000					\$438,000
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$438,000	\$0	\$0	\$0	\$0	\$438,000
Total Project Cost	\$438,000	\$0	\$0	\$0	\$0	\$438,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0
--	-----	-----	-----	-----	-----

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: unknown

Estimated Completion Date: unknown

Department Head Signature

Prepared By/Phone Ext

Jim Owczarski, x2998

CIC - Capital Improvement Request Part III

Department:	Common Council - City Clerk	Date Submitted:	3/25/2014
Project/Program:	Room 307CH Renovation		
Prepared By:	Jim Owczarski, x2998	Current Request:	\$438,000
Dept Head:	Jim Owczarski, x2998	6 Yr Total:	\$438,000

General Project/Program Description:

The Legislative Reference Bureau's research section moved into its current space in early 2010. Since that time its many mechanical deficiencies have become evident and some directly affect the quality of the work environment. This project minimally addresses those concerns including new panel units and HVAC upgrades.

Whenever possible, **please quantify the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety ?
		X		Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate ?
	X			Does the project promote long-term regulatory compliance ?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs ?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs ?
X				Will the project lead to increased productivity or service improvements ?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity ? (e.g. user fees)
X				Will the project result in a reduction in energy use ?
X				Does the project involve specific energy reduction strategies or features?
X				Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Room 307CH Renovation

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
X				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
X				Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
X				Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				



Department of Public Works
Infrastructure Services Division
February 7, 2014

Ghassan Korban
Commissioner of Public Works

Preston D. Cole
Director of Operations

Jeffrey S. Polenske
City Engineer

Mr. Jim Owczarski, City Clerk
Office of the City Clerk
City Hall Room 205
Milwaukee, Wisconsin

**Subject: 2015 Capital Budget Estimate
Remodeling of Rooms 307, 307A, 307B and 307E City Hall**

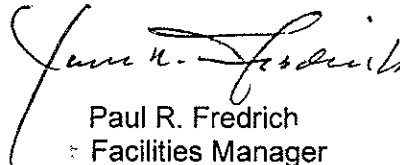
Dear Mr. Owczarski:

The following is in response to your request to provide a Capital Budget Estimate for the subject remodeling. This project includes remodeling of Room 307 for staff needs, and includes new carpeting, systems furnishings, lighting, utilities and life safety. It provides for HVAC upgrades in rooms 307, 307A, 307B and 307E. Changes in walls, cabinets, painting, plumbing, separate furnishings and security costs are not included.

The total project cost is as follows:

Construction, including contingencies	\$ 363,000
Design	\$ 46,000
Administration/Inspection	\$ 29,000
Total	\$ 438,000

Sincerely,



Paul R. Fredrich
Facilities Manager

BK:kat

c:

Paul Fredrich
Thomas Tarkowski
Richard Pfaff
Michael Krause
Babette Kis
Central File

S:\CapReqs\15\cityclerkcapitalrequest307suites15.docx



2010 PRELIMINARY CAPITAL ESTIMATE FOR 3rd FLOOR ROOM 307 REMODELING

Section No.	Item	Estimator	Contractor	Outside Contractor Price	City House labor	In-house Materials	Cost
01400	Project set up and clean up	BK/Means	City		\$ 1,200.00	\$ 100.00	\$ 1,300.00
01410	Final cleaning, trades	BK/Means	City		\$ 800.00	\$ 50.00	\$ 850.00
01422	Moving Costs						
	Interim moves allowance	BK/Coakley		\$ 4,000.00			\$ 4,000.00
	Moving costs- final move	Coakley	Outside	\$ 4,000.00			\$ 4,000.00
06200	Carpentry						
	Existing doors to be reused						
	New counter and cabinet	GKlineschmidt	City		\$ 1,000.00	\$ 500.00	\$ 1,500.00
	4 elec. Chase walls	GKlineschmidt	City		\$ 2,300.00	\$ 800.00	\$ 3,100.00
	Taping and finishing	GKlineschmidt	Outside	\$ 1,800.00			\$ 1,800.00
06240	Casework						
	Shelves and cabinets, lower vault	GKlineschmidt	City		\$ 3,150.00	\$ 3,800.00	\$ 6,950.00
08700	Hardware						
	In carpentry- extg. to be reused	JD	City				
09510	Suspended acoustical Ceiling						
	Remove existing s.a. ceiling in 307, 307A, 307B, 307E. Install new ceiling 307, 307A, 307B, 307E.	GKlineschmidt	City		\$ 8,200.00	\$ 4,100.00	\$ 12,300.00
09880	Carpet and accessories						
	Remove carpet tiles and base, general office and reception. Remove glue, prepare floor and install new base, carpet tiles and vinyl tile.	United Fl.	Outside	\$ 17,800.00			\$ 17,800.00
09900	Paint						
	Paint walls in general office 2700 s.f. (does not include vault)	DH	City		\$ 1,300.00	\$ 200.00	\$ 1,500.00
	Paint walls in vault, 1176 s.f.	DH	City		\$ 600.00	\$ 100.00	\$ 700.00
	Refinish casing, jambs and door to copy area	DH	City		\$ 250.00	\$ 80.00	\$ 330.00
12400	Furnishings						
	New Systems furnishings 9 workstations including outlets and power whips, but no light fixtures	CDA 8/26/09	Outside	\$ 54,500.00			\$ 54,500.00
	Disassemble and remove/dispose of 9 GF OPS systems furnishings workstations.	CDA 8/26/09	Outside	\$ 3,500.00			\$ 3,500.00
	Provide separate furnishings: 1 conference room table, 13 side chairs, bookcase, tv credenza	BK/	Outside	\$ 7,800.00			\$ 7,800.00
	New chairs: 9 office, 18 side, 1 mgmt. chair	BK/	Outside	\$ 9,850.00			\$ 9,850.00
15400	Plumbing						
	Remove extg. sink, piping, furnish and install new sink, faucet, piping	DTP/8/24/09	Outside	\$ 1,500.00			\$ 1,500.00
15700	HVAC- see DTP Estimate for details						
	Air Handling Unit 304 (3500cfm)	DTP/3/10	Outside	\$ 18,000.00			\$ 18,000.00
	Variable Frequencydrive	DTP/3/10	Outside	\$ 2,150.00			\$ 2,150.00
	Fan coil units zone 32	DTP/3/10	Outside	\$ 12,500.00			\$ 12,500.00
	Piping	DTP/3/10	Outside	\$ 3,500.00			\$ 3,500.00
	Pipe Insulation	DTP/3/10	Outside	\$ 3,500.00			\$ 3,500.00
	Ductwork	DTP/3/10	Outside	\$ 17,500.00			\$ 17,500.00
	VAV box reheat	DTP/3/10	Outside	\$ 12,000.00			\$ 12,000.00
	Ductwork Accessories	DTP/3/10	Outside	\$ 800.00			\$ 800.00
	Duct Insulation	DTP/3/10	Outside	\$ 15,000.00			\$ 15,000.00
	Grilles and Registers	DTP/3/10	Outside	\$ 1,600.00			\$ 1,600.00
	Controls	DTP/3/10	Outside	\$ 50,000.00			\$ 50,000.00
	Testing, balancing	DTP	Outside	\$ 2,725.00			\$ 2,725.00
	Demolition	DTP	Outside	\$ 6,900.00			\$ 6,900.00
16110	Electrical						
	Remove wall switches, all uc tape and boxes, 55 floor uc tape and cored doghouses, and light fixtures	DP	City		\$ 4,860.00	\$ 120.00	\$ 4,980.00
	Power for OPS circuits, piping and data conduit	DP	City		\$ 4,430.00	\$ 450.00	\$ 4,880.00

2010 PRELIMINARY CAPITAL ESTIMATE FOR 3rd FLOOR ROOM 307 REMODELING							
Section No.	Item	Estimator	Contractor	Outside Contractor Price	City House labor	In-house Materials	In-house Cost
	14 Electrical wall outlets and piping \$340 each	DP	City		\$ 4,000.00	\$ 500.00	\$ 4,500.00
	Data drops allocation at \$90 each + fringe benefits	DP	City		\$ 980.00	\$ 100.00	\$ 1,080.00
16500	Lighting						
	Remove exdg, new strip light fixtures in vault	DP	City		\$ 820.00	\$ 1,400.00	\$ 2,220.00
	Two new exit lights	DP	City		\$ 250.00	\$ 150.00	\$ 400.00
	Systems furnishings under shelf LED light fixtures	DP	City		\$ 110.00	\$ 625.00	\$ 735.00
	24 linear fixtures suspended and wall hung	DP	City		\$ 4,800.00	\$ 8,200.00	\$ 13,000.00
16710	Telephone						
	Remove 12 phone jacks, uc tape	GS/8/25/09	City		\$ 350.00		\$ 350.00
	Add 11 phone/fax drops, incl. 1 for new data cabinet	GS/8/25/09	City		\$ 3,600.00	\$ 800.00	\$ 4,400.00
	Temporarily relocate 10 phones/faxes from 3rd floor to interim space	GS/8/25/09	City		\$ 250.00		\$ 250.00
16720	Data						
	Remove 12 data jacks, uc tape	GS/8/25/09	City		\$ 350.00		\$ 350.00
	Install 11 new data drops	GS/8/25/09	City		\$ 3,700.00	\$ 800.00	\$ 4,500.00
16840	Security						
	Security- install new access card reader and buzzer at door estimate from Toepfer 8/25/09	TOEPFER/Ron Lund Jr.	Outside	\$ 2,935.00			\$ 2,935.00
16800	Life Safety						
	Fire sprinkler removal and reconfiguration	DTP	Outside	\$ 3,300.00			\$ 3,300.00
	Life safety system	DTP	Siemens	\$ 4,400.00			\$ 4,400.00
16850	Speakers						
	Relocate 9 speakers, house and emergency	GS/8/25/09	City		\$ 1,260.00	\$ 150.00	\$ 1,410.00
Construction Subtotal							\$ 333,145.00
Construction Contingencies 10%							\$ 33,314.50
Construction, including Contingencies							\$ 366,459.50
Arch. Design 6%					\$ 21,987.57		\$ 21,987.57
Mechanical Design, Consultant				\$ 14,600.00			\$ 14,600.00
Mechanical Design, City					\$ 5,600.00		\$ 5,600.00
Administration, 071E 4%					\$ 13,325.80		\$ 13,325.80
Inspection, 071D 4%					\$ 13,325.80		\$ 13,325.80
Outside Contractor Total				\$ 276,160.00			
City Labor Total					\$ 102,799.17		
Total for Project							\$ 435,298.67

Remodeling Cost per s.f. = \$164.00

Capital Improvement Request Form Part I

Project/Program Title: Digital Video Conversion for TV 25

Requesting Department: City Clerk

Prepared By/Phone Ext: Dennis Geraghty x5918

Department Head Signature: 

Account No: _____

A) Department Priority 3 of 4 Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 3

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The goal of this three year project is to convert the existing analog video system used by the City Channel to a digital system compatible with other broadcast and video systems. The core of the current system was built in 1985 and is not compatible with new digital based equipment. The conversion would cover the Master Control area, the City Hall facilities and the studio facilities in the 809 building. Each phase would be done in a yearly cycle so that equipment could be replaced during the month of August, when the council is in recess. This allows the channel to broadcast all council meetings without interruption.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: _____

City Clerk

Project/Program Title: _____

Digital Conversion Project for TV 25

Account No: _____

BU 110 14 0400

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$150,000					\$150,000
2016 Projection	\$225,000					\$225,000
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$375,000	\$0	\$0	\$0	\$0	\$375,000
Total Project Cost	\$375,000	\$0	\$0	\$0	\$0	\$375,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0	\$0
-----	-----	-----	-----	-----	-----	-----

Available Cost Estimate:

Thorough Cost Estimate	2015	2016	2017	2018	2019	2020
Limited Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source?

Yes No Uncertain

Are cost estimates based on industry standards?

Yes No Uncertain

Will city employees be performing any portion of the work?

Yes No Uncertain

Did you perform a cost/benefit analysis?

Yes No Uncertain

How will this project impact city operating expenditures?

Increase Decrease None

Estimated Start Date: _____ 04/01/14

Estimated Completion Date: _____ 11/01/16

Department Head Signature

Prepared By/Phone Ext

CIC - Capital Improvement Request Part III

Department:	City Clerk	Date Submitted:	
Project/Program:	Digital Conversion for TV 25		
Prepared By:	Dennis Geraghty	Current Request:	\$150,000
Dept Head:		6 Yr Total:	\$375,000

General Project/Program Description:
 Replacement of current analogue video system for City Channel telecasts to a digital system.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	x			Does the project directly reduce risks to people or property?
	x			Does the project directly promote improved health or safety?
	x			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate?
x				Does the project promote long-term regulatory compliance?
	x			Will there be a serious negative impact on the City if compliance is not achieved?
x				Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
	x			Will the project lead to a reduction in operating costs?
x				Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity? (e.g. user fees)
x				Will the project result in a reduction in energy use?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
x				Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Digital Conversion for TV 25

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
	x			Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
x				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	x			Does the project increase or enhance recreational opportunities and/or green space?
	x			Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
	x			Does the project preserve or improve the historical or natural heritage of the City?
	x			Is the project consistent with established community character?
	x			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	x			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
				How does the request affect the replacement cycle? Provide specifics below.
x				Has the facility being replaced exceeded its useful life?
	x			Does this project extend the useful life of an existing facility?
	x			Do maintenance costs exceed replacement costs?
	x			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
x				Does the project incorporate new technology that will provide enhanced service?
	x			Does the project extend service for new development or redevelopment?
	x			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	
Economic / Community Development				
	x			Does the project have the potential to promote economic/community development in areas where growth is desired?
	x			Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
	x			Would an alternate location for this project provide a greater positive economic impact?
	x			Will the project produce desirable jobs in the City?
	x			Will the project rejuvenate an area that needs assistance?
	x			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	
Special Considerations				
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	x			Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: City Hall Room 205 Renovation

Requesting Department: Common Council - City Clerk

Prepared By/Phone Ext: Jim Owczarski, x2998

Department Head Signature: 

Account No: _____

A) Department Priority 4 of 4 Useful Life 30 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

It would seem, although the records are unclear, that the office of the Common Council - City Clerk (Room 205 City Hall) last had its electrical systems and HVAC updated in the late 1970s. Since that time, there have been multiple equipment malfunctions (HVAC particularly) as well as electrical outages. Maintenance of a comfortable work environment is increasingly difficult and the ability to adequately replace parts and equipment is in question. This request also takes advantage of the significant investment that would be needed to replace the HVAC and electricals to reconfigure some of the office space to both provide a larger conference room space for teh Common Council and to enhance security for Common Council - City Clerk reception personnel.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Common Council - City Clerk

Project/Program Title: City Hall Room 205 Renovation

Account No.: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$1,915,000					\$1,915,000
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$1,915,000	\$0	\$0	\$0	\$0	\$1,915,000
Total Project Cost	\$1,915,000	\$0	\$0	\$0	\$0	\$1,915,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 06/01/15

Estimated Completion Date: 09/01/15

Department Head Signature _____

Prepared By/Phone Ext _____

Jim Owczarski, x2998

CIC - Capital Improvement Request Part III

Department:	Common Council - City Clerk	Date Submitted:	3/25/2014
Project/Program:	City Hall Room 205 Renovation		
Prepared By:	Jim Owczarski, x2998	Current Request:	\$1,915,000
Dept Head:	Jim Owczarski, x2998	6 Yr Total:	\$1,915,000

General Project/Program Description:

Renovation of HVAC and electricals in the Room 205 suite. In addition, make interior improvements to enhance reception staff safety and create an additional conference room.

Whenever possible, **please quantify the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
<input checked="" type="checkbox"/>				Does the project directly reduce risks to people or property?
<input checked="" type="checkbox"/>				Does the project directly promote improved health or safety ?
	<input checked="" type="checkbox"/>			Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	<input checked="" type="checkbox"/>			Does the project address a legislative, regulatory or court-ordered mandate ?
	<input checked="" type="checkbox"/>			Does the project promote long-term regulatory compliance ?
	<input checked="" type="checkbox"/>			Will there be a serious negative impact on the City if compliance is not achieved?
		<input checked="" type="checkbox"/>		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		<input checked="" type="checkbox"/>		What return on investment will this project generate?
		<input checked="" type="checkbox"/>		What is the expected payback period for this project?
<input checked="" type="checkbox"/>				Does the project minimize life-cycle costs ?
	<input checked="" type="checkbox"/>			Will the facility require additional personnel to operate?
<input checked="" type="checkbox"/>				Will the project lead to a reduction in operating costs ?
<input checked="" type="checkbox"/>				Will the project lead to increased productivity or service improvements ?
	<input checked="" type="checkbox"/>			Will the facility require significant annual maintenance ?
	<input checked="" type="checkbox"/>			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	<input checked="" type="checkbox"/>			Is there a revenue generating opportunity ? (e.g. user fees)
<input checked="" type="checkbox"/>				Will the project result in a reduction in energy use ?
<input checked="" type="checkbox"/>				Does the project involve specific energy reduction strategies or features?
<input checked="" type="checkbox"/>				Will this project cause disruptions to regular city operations ?
	<input checked="" type="checkbox"/>			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: CH Room 205 Renovation

Whenever possible, **please quantify / describe the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see *Capital Guidelines* for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				



Department of Public Works
Infrastructure Services Division
February 7, 2014

Ghassan Korban
Commissioner of Public Works

Preston D. Cole
Director of Operations

Jeffrey S. Polenske
City Engineer

Mr. Jim Owczarski, City Clerk
Office of the City Clerk
City Hall Room 205
Milwaukee, Wisconsin

**Subject: 2015 Capital Budget Estimate
Remodeling of Room 205 Suite in City Hall**

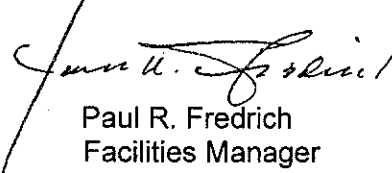
Dear Mr. Owczarski:

The following is in response to your request to provide a Capital Budget Estimate for the subject remodeling. This project includes remodeling of Room 205 suite for staff needs, including changes in walls, systems furnishings, separate furnishings, carpeting, ceiling and lighting, life safety and security. It provides for HVAC and electrical upgrades, and data modifications.

The total project cost is as follows:

Construction, including contingencies	\$	1,600,000
Design	\$	145,000
Administration/Inspection	\$	170,000
Total	\$	1,915,000

Sincerely,



Paul R. Fredrich
Facilities Manager

BK:kat

c: Paul Fredrich
Thomas Tarkowski
Richard Pfaff
Michael Krause
Babette Kis
Central File



2014 capital estimate City Clerk Remodeling 200 E. Wells Street, 2nd floor

12400	Furnishings	Means/City Record	Outside	\$ 65,000.00		\$ 65,000.00
	New systems furnishings stations, 10, with systems furnishings elec. Whips and outlets	Means/City Record	Outside	\$ 65,000.00		\$ 65,000.00
	Disassemble and remove/dispose of 13 systems furnishings workstations	Means/City Record	Outside	\$ 2,600.00		\$ 2,600.00
	Provide separate furnishings- allowance for files, no chairs	BK/	Outside	\$ 7,800.00		\$ 7,800.00
12490	Mini Blinds					
	Miniblinds, cut and furnished for offices	BK/	Outside	\$ 800.00		\$ 800.00
	ALLOWANCE					
15700	HVAC- ENTIRE CC/CC-area- see DTP Estimate for details					
	Demolition HVAC	DTP	Outside	\$ 19,000.00		\$ 19,000.00
	Finned pipe radiation, piping and pipe insulation	DTP	Outside	\$ 92,000.00		\$ 92,000.00
	Exhaust fan, 2	DTP	Outside	\$ 4,000.00		\$ 4,000.00
	HVAC controls	DTP	Outside	\$ 115,000.00		\$ 115,000.00
	3 air handling units new	DTP	Outside	\$ 65,000.00		\$ 65,000.00
	Ductwork and pipe chase revisions	DTP	Outside	\$ 145,000.00		\$ 145,000.00
	VAV and Fire Dampers	DTP	Outside	\$ 54,000.00		\$ 54,000.00
	Ductwork Accessories and flex duct	DTP	Outside	\$ 9,800.00		\$ 9,800.00
	Duct Insulation	DTP	Outside	\$ 37,000.00		\$ 37,000.00
	Testing and balancing 3 new units	DTP	Outside	\$ 7,500.00		\$ 7,500.00
	Grilles and registers	DTP	Outside	\$ 9,800.00		\$ 9,800.00
	Duct smoke detector	DTP	Outside	\$ 5,600.00		\$ 5,600.00
16110	Electrical					
	New electrical service, entire floor	DP	City			\$ 40,000.00
	Power for OPS circuits, piping and data conduit	DP	City	\$ 7,000.00	\$ 350.00	\$ 7,350.00
	Electrical wall outlets and piping	DP	City	\$ 12,800.00	\$ 500.00	\$ 13,300.00
	Data drops allocation 18 @ \$150 ea	DP	City			\$ 2,700.00
16500	Lighting					
	New light switching, remove extg.	DP	City			\$ 5,000.00
	New strip lighting in vault, remove and dispose of extg.	DP	City			\$ 3,000.00
	New exit lights	BK/Means	City			\$ 600.00
	Systems furnishings light fixtures	DP	City			\$ 650.00
	Remove 186 light fixtures @ 50.00 ea	DP	City			\$ 14,000.00
	186 new 2x4 light fixtures, 410.00 ea.	DP	City			\$ 76,260.00
	Custom fixtures, 2 in reception, allowance	BK/Means	City			\$ 5,000.00

2014 capital estimate City Clerk Remodeling 200 E. Wells Street, 2nd floor

Section No.	Item	Estimator	Contractor	Outside Contractor Price	City House labor	In-house Materials	In-Cost
01400	Project set up and clean up	BK/Means	City		\$ 3,000.00	\$ 200.00	\$ 3,200.00
01410	Final cleaning, trades	BK/Means	City		\$ 800.00	\$ 50.00	\$ 850.00
01420	Mobilization	BK/Means					
01422	Moving Costs						
	Interim moves allowance	BK/Means	Outside	\$ 12,000.00			\$ 2,000.00
	Moving costs- final move	BK/Means	Outside	\$ 12,000.00			\$ 12,000.00
	Rental Costs, 3000 s f for 6 months	BK/Grubb	Outside				\$ 12,000.00
	Chase Commerce Center	Elfis	Outside	\$ 90,000.00			\$ 90,000.00
06200	Carpentry						
	Demo walls per plans	BK/Means	City		\$ 12,000.00	\$ 1,000.00	\$ 13,000.00
	New doors, frames, including hardware	BK/City	Stand.				
	New walls, per plan, including 5 elec. Chase walls. 3900 s.f.						\$ 14,800.00
	Taping and finishing	BK/Means	City				
06240	Casework	BK/Means	Outside				\$ 26,000.00
	New casework, reception station and sect. area- ALLOWANCE						\$ 6,500.00
08700	Hardware	BK/Means	City				\$ 38,000.00
	In carpentry						
09510	Suspended acoustical Ceiling						
	Remove existing s.a. ceiling, 9850 s.f.	BK/Means					
	New s.a. ceiling heavy duty grid and mineral wool 2x4 tiles, entire Common Council City Clerk area	BK/Means					\$ 6,500.00
09680	Carpet and accessories						
	Remove extg. carpet tiles and base. - remodeling area only	BK/United	Fl.				\$ 54,175.00
	Level and prepare floor for new carpet tile - remodeling area only	BK/United	Fl.	\$ 4,800.00			\$ 4,800.00
	New carpet tiles, base Lees fac IV equiv. - remodeling area only	BK/United	Fl.	\$ 10,300.00			\$ 10,300.00
09900	Paint						
	Paint new walls, and remodeled areas only	BK/Means		\$ 28,000.00			\$ 28,000.00
	Varnish new casing, jams at 7 doors	BK/Means					\$ 16,800.00
							\$ 1,300.00

Capital Improvement Request Form Part I

Project/Program Title: Neighborhood Commercial District Street Improvement Fund Requesting Department: City Development
 Prepared By/Phone Ext: David Schroeder/5933 Department Head Signature: *Bob Mann*
 Account No: ST04015000A

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 The Neighborhood Commercial District Street Improvement Fund provides the City's match to neighborhood commercial streetscaping efforts funded through sources including the BID Fund, private loans, and state grants (Congestion Mitigation and Transportation Enhancement Grants).

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: City Development Account No: ST04015000A
 Project/Program Title: Neighborhood Commercial District Street Improvement Fund

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$600,000					\$600,000
2016 Projection	\$0					\$0
2017 Projection	\$600,000					\$600,000
2018 Projection	\$600,000					\$600,000
2019 Projection	\$600,000					\$600,000
2020 Projection	\$600,000					\$600,000
Total Six Year Cost	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Total Project Cost	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

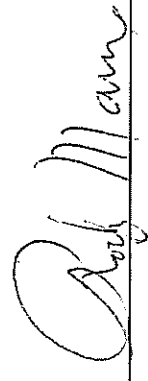
- Were cost estimates confirmed by another source? Yes No
- Are cost estimates based on industry standards? Yes No
- Will city employees be performing any portion of the work? Yes No
- Did you perform a cost/benefit analysis? Yes No

How will this project impact city operating expenditures?

- Increase
- Decrease
- None

Estimated Start Date: 01/01/15
 Estimated Completion Date: 12/31/15

Department Head Signature



Prepared By/Phone Ext

David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/21/2014
Project/Program:	Neighborhood Commercial District Street Improvement Fund		
Prepared By:	David Schroeder	Current Request:	\$600,000
Dept Head:	Rocky Marcoux	6 Yr Total:	\$3,000,000

General Project/Program Description:
 The Neighborhood Commercial District Street Improvement Fund provides the City's match to neighborhood commercial streetscaping efforts funded through sources including the BID Fund, private loans, and state grants (Congestion Mitigation and Transportation Enhancement Grants).

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		x		Does the project directly reduce risks to people or property?
		x		Does the project directly promote improved health or safety ?
		x		Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate ?
		x		Does the project promote long-term regulatory compliance ?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs ?
		x		Will the facility require additional personnel to operate?
		x		Will the project lead to a reduction in operating costs ?
		x		Will the project lead to increased productivity or service improvements ?
		x		Will the facility require significant annual maintenance ?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		x		Is there a revenue generating opportunity ? (e.g. user fees)
		x		Will the project result in a reduction in energy use ?
		x		Does the project involve specific energy reduction strategies or features?
		x		Will this project cause disruptions to regular city operations ?
		x		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Neighborhood Commercial District Street Improvement Fund

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	x			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	x			Does the project increase or enhance recreational opportunities and/or green space?
x				Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
x				Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
x				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
x				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
		x		Does this project extend the useful life of an existing facility?
		x		Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		x		Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
x				Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
		x		Will the project produce desirable jobs in the City?
x				Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
x				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
		x		Are there inter-jurisdictional considerations?
		x		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Business Improvement Districts

Requesting Department: City Development

Prepared By/Phone Ext: David Schroeder/5933

Department Head Signature: *[Signature]*

Account No: UR04115000A

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The Business Improvement District Fund (BID Fund) provides loans to Business Improvement Districts for streetscaping infrastructure improvements within the districts. The funds are normally matched with other funding sources and are repaid through BID special assessments.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: City Development Account No: UR04115000A
 Project/Program Title: Business Improvement Districts

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$250,000					\$250,000
2016 Projection	\$250,000					\$250,000
2017 Projection	\$250,000					\$250,000
2018 Projection	\$250,000					\$250,000
2019 Projection	\$250,000					\$250,000
2020 Projection	\$250,000					\$250,000
Total Six Year Cost	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000
Total Project Cost	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/15



Department Head Signature

Prepared By/Phone Ext

David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/21/2014
Project/Program:	Business Improvement District Fund		
Prepared By:	David Schroeder	Current Request:	\$250,000
Dept Head:	Rocky Marcoux	6 Yr Total:	\$1,500,000

General Project/Program Description:
 The Business Improvement District Fund (BID Fund) provides loans to Business Improvement Districts for streetscaping infrastructure improvements within the districts. The funds are normally matched with other funding sources and are repaid through BID special assessments.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		x		Does the project directly reduce risks to people or property?
		x		Does the project directly promote improved health or safety?
		x		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs?
		x		Will the facility require additional personnel to operate?
		x		Will the project lead to a reduction in operating costs?
		x		Will the project lead to increased productivity or service improvements?
		x		Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		x		Is there a revenue generating opportunity? (e.g. user fees)
		x		Will the project result in a reduction in energy use?
		x		Does the project involve specific energy reduction strategies or features?
		x		Will this project cause disruptions to regular city operations?
		x		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Business Improvement District Fund

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	x			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
x				Does the project increase or enhance recreational opportunities and/or green space?
x				Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
x				Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
x				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
x				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
		x		Does this project extend the useful life of an existing facility?
		x		Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		x		Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
x				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
BIDs contribute for improvements in the public right of way, savings vs. the City paying wholly for those improvements.				
Economic / Community Development				
x				Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
		x		Will the project produce desirable jobs in the City?
x				Will the project rejuvenate an area that needs assistance?
x				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
x				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
		x		Are there inter-jurisdictional considerations?
		x		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Tax Incremental Districts
 Prepared By/Phone Ext: David Schroeder/5933
 Account No: TD00150000

Requesting Department: City Development
 Department Head Signature: [Signature]

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other Private Development

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 2 Total FTEs 0.45

Position Title	No. of Positions	FTEs	Salaries
<u>Dev. & Environmental Manager</u>	<u>1</u>	<u>0.20</u>	<u>\$ 18,512</u>
<u>Sr. Econ. Dev. Specialist</u>	<u>1</u>	<u>0.25</u>	<u>\$ 16,404</u>
_____	_____	_____	<u>\$ _____</u>

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The Tax Increment Finance Districts Fund provides funding to support and create new TIDs throughout the City. In addition, expenditure authority is provided to fund capitalized interest and pay developer financed TID annual increments. It is expected that the 2015 Proposed and Adopted Capital Budget will include an additional appropriation equal to 10% of the final General Obligation borrowing amount (\$1,500,000 in addition to the current request) for capitalized interest.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: City Development

Tax Incremental Districts: TD00150000

Project/Program Title: _____

Account No: _____

Special Assessment: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$15,000,000		\$3,500,000			\$18,500,000
2016 Projection	\$15,000,000		\$3,800,000			\$18,800,000
2017 Projection	\$15,000,000		\$3,800,000			\$18,800,000
2018 Projection	\$15,000,000		\$3,800,000			\$18,800,000
2019 Projection	\$15,000,000		\$3,800,000			\$18,800,000
2020 Projection	\$15,000,000		\$3,800,000			\$18,800,000
Total Six Year Cost	\$90,000,000	\$0	\$22,500,000	\$0	\$0	\$112,500,000
Total Project Cost	\$90,000,000	\$0	\$22,500,000	\$0	\$0	\$112,500,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No

Are cost estimates based on industry standards? Yes No

Will city employees be performing any portion of the work? Yes No

Did you perform a cost/benefit analysis? Yes No

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/15

Department Head Signature

Prepared By/Phone Ext

David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/21/2014
Project/Program:	Tax Increment Districts		
Prepared By:	David Schroeder	Current Request:	\$15,000,000
Dept Head:	Rocky Marcoux	6 Yr Total:	\$90,000,000

General Project/Program Description:

The Tax Increment Finance Districts Fund provides funding to support and create new TIDs throughout the City. In addition, expenditure authority is provided to fund capitalized interest and pay developer financed TID annual increments (+10% of the \$15,000,000 request).

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		x		Does the project directly reduce risks to people or property?
		x		Does the project directly promote improved health or safety?
		x		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate ?
		x		Does the project promote long-term regulatory compliance ?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
x			tax increment	What return on investment will this project generate?
x			varies per TID	What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs ?
		x		Will the facility require additional personnel to operate?
		x		Will the project lead to a reduction in operating costs ?
		x		Will the project lead to increased productivity or service improvements ?
		x		Will the facility require significant annual maintenance ?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
x			future tax base	Is there a revenue generating opportunity? (e.g. user fees)
		x		Will the project result in a reduction in energy use ?
		x		Does the project involve specific energy reduction strategies or features?
		x		Will this project cause disruptions to regular city operations ?
		x		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

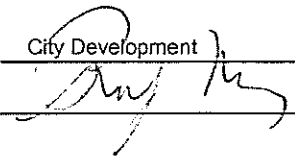
CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Tax Increment Districts

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
x				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
x				Does the project increase or enhance recreational opportunities and/or green space?
x				Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
x				Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
x				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
x				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
		x		Does this project extend the useful life of an existing facility?
		x		Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		x		Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
x				Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
x				Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
x				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
x				Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Advance Planning Fund Requesting Department: City Development
 Prepared By/Phone Ext: David Schroeder/5933 Department Head Signature: 
 Account No: UR01215000A

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions 4 Total FTEs 2.0

Position Title	No. of Positions	FTEs	Salaries
<u>Graduate Intern</u>	<u>4</u>	<u>2.0</u>	<u>\$ 40,000</u>
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 Funding from the Advance Planning Fund goes towards various activities that allow the Planning Section to meet the department's mission. Funds allow the department to undertake the following planning related activities: comprehensive plan updates, GIS activities, market analysis, and data analysis.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: City Development

Account No: UR01215000A

Project/Program Title: Advance Planning Fund

Special Assessment: UR01215000A

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Enterprise	Total Cost
Remaining Balance for 2014					\$0
2015 Budget Request	\$150,000				\$150,000
2016 Projection	\$150,000				\$150,000
2017 Projection	\$150,000				\$150,000
2018 Projection	\$150,000				\$150,000
2019 Projection	\$150,000				\$150,000
2020 Projection	\$150,000				\$150,000
Total Six Year Cost	\$900,000	\$0	\$0	\$0	\$900,000
Total Project Cost	\$900,000	\$0	\$0	\$0	\$900,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/15

Department Head Signature



Prepared By/Phone Ext

David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/21/2014
Project/Program:	Advance Planning Fund		
Prepared By:	David Schroeder	Current Request:	\$150,000
Dept Head:	Rocky Marcoux	6 Yr Total:	\$900,000

General Project/Program Description:
 Funding from the Advance Planning Fund goes towards various activities that allow the Planning Section to meet the department's mission. Funds allow the department to undertake the following activities: comprehensive plan updates, GIS activities, market analysis, and data analysis.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		x		Does the project directly reduce risks to people or property?
		x		Does the project directly promote improved health or safety ?
		x		Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
x				Does the project address a legislative, regulatory or court-ordered mandate ?
x				Does the project promote long-term regulatory compliance ?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs ?
		x		Will the facility require additional personnel to operate?
		x		Will the project lead to a reduction in operating costs ?
		x		Will the project lead to increased productivity or service improvements ?
		x		Will the facility require significant annual maintenance ?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		x		Is there a revenue generating opportunity ? (e.g. user fees)
		x		Will the project result in a reduction in energy use ?
		x		Does the project involve specific energy reduction strategies or features?
		x		Will this project cause disruptions to regular city operations ?
		x		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Advance Planning Fund

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
x				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
x				Does the project increase or enhance recreational opportunities and/or green space?
x				Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
x				Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
x				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
x				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
		x		Does this project extend the useful life of an existing facility?
		x		Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		x		Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
x				Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
x				Will the project rejuvenate an area that needs assistance?
x				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
		x		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		x		Are there critical timing issues associated with this project?
		x		Are there inter-jurisdictional considerations?
		x		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Healthy Neighborhoods Initiative
 Prepared By/Phone Ext: David Schroeder/5933
 Account No: UR046140000

Requesting Department: City Development
 Department Head Signature: *Ray May*

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The Healthy Neighborhoods Initiative provides assistance to neighborhood and community groups in some of the City's stronger neighborhoods in an effort to keep them healthy and promote continued investment and resident involvement in these areas. Funds are granted to neighborhood organizations and is matched on a dollar-for-dollar basis with money raised or donated from private organizations. There are 9 core Healthy Neighborhoods that are also supported by the Greater Milwaukee Foundation, but the program also provides funding to smaller groups to undertake small scale projects. The Greater Milwaukee Foundation is in the process of reassessing their Healthy Neighborhoods program and may include additional neighborhoods or realign its focus. It is expected that the GMF will announce its plan in 2014.

G) Additional Comments

While the 2015-2019 CIP did not include funding for the Healthy Neighborhoods Initiative, after discussing with the budget office it was decided to request capital funding due to the uncertainty that O&M funds would be made available in 2015.

Capital Improvement Request Part II

Requesting Department: City Development **Account No.:** UR046150000
Project/Program Title: Healthy Neighborhoods Initiative

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$150,000					\$150,000
2016 Projection	\$150,000					\$150,000
2017 Projection	\$150,000					\$150,000
2018 Projection	\$150,000					\$150,000
2019 Projection	\$150,000					\$150,000
2020 Projection	\$150,000					\$150,000
Total Six Year Cost	\$900,000	\$0	\$0	\$0	\$0	\$900,000
Total Project Cost	\$900,000	\$0	\$0	\$0	\$0	\$900,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/15

Department Head Signature

Prepared By/Phone Ext

David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/21/2014
Project/Program:	Healthy Neighborhoods Initiative	Current Request:	\$150,000
Prepared By:	David Schroeder	6 Yr Total:	\$900,000
Dept Head:	Rocky Marcoux		

General Project/Program Description:
 The Healthy Neighborhoods Initiative provides assistance to neighborhood and community groups in some of the City's stronger neighborhoods in an effort to keep them healthy and promote continued investment and resident involvement in these areas. Funds are granted to neighborhood organizations and is matched on a dollar-for-dollar basis with money raised or donated from private organizations.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		x		Does the project directly reduce risks to people or property?
x				Does the project directly promote improved health or safety?
		x		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs ?
		x		Will the facility require additional personnel to operate?
		x		Will the project lead to a reduction in operating costs ?
		x		Will the project lead to increased productivity or service improvements ?
		x		Will the facility require significant annual maintenance ?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		x		Is there a revenue generating opportunity ? (e.g. user fees)
		x		Will the project result in a reduction in energy use ?
		x		Does the project involve specific energy reduction strategies or features?
		x		Will this project cause disruptions to regular city operations ?
		x		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Healthy Neighborhoods Initiative

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
x				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
x				Does the project increase or enhance recreational opportunities and/or green space?
x				Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
x				Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
x				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
x				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
		x		Does this project extend the useful life of an existing facility?
		x		Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		x		Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
x				Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
x				Will the project rejuvenate an area that needs assistance?
x				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
x			groups and the Greater Milwaukee Foundation	Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
		x		Are there inter-jurisdictional considerations?
		x		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Housing Infrastructure Preservation Fund Requesting Department: City Development
 Prepared By/Phone Ext: David Schroeder/5933 Department Head Signature: *[Signature]*
 Account No: UR048150000

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 The funding goes towards major repairs of City owned properties that have been deemed historic or too valuable to the characteristic of the surrounding neighborhood to demolish. The goal is to preserve the properites and prepare them for eventual sale.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: City Development Account No: UR048150000
 Project/Program Title: Housing Infrastructure Preservation Program

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$450,000					\$450,000
2016 Projection	\$450,000					\$450,000
2017 Projection	\$450,000					\$450,000
2018 Projection	\$450,000					\$450,000
2019 Projection	\$450,000					\$450,000
2020 Projection	\$450,000					\$450,000
Total Six Year Cost	\$2,700,000	\$0	\$0	\$0	\$0	\$2,700,000
Total Project Cost	\$2,700,000	\$0	\$0	\$0	\$0	\$2,700,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020	Total
\$0	\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15
 Estimated Completion Date: 12/31/15

Department Head Signature



Prepared By/Phone Ext

David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/21/2014
Project/Program:	Housing Infrastructure Preservation Fund	Current Request:	\$450,000
Prepared By:	David Schroeder	6 Yr Total:	\$2,700,000
Dept Head:	Rocky Marcoux		

General Project/Program Description:

The funding goes towards major repairs of City owned properties that have been deemed historic or too valuable to the characteristic of the surrounding neighborhood to demolish. The goal is to preserve the properties and prepare them for eventual sale.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
x				Does the project directly promote improved health or safety ?
x				Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate ?
		x		Does the project promote long-term regulatory compliance ?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
x			property sales	What return on investment will this project generate?
x			unknown	What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs ?
		x		Will the facility require additional personnel to operate?
		x		Will the project lead to a reduction in operating costs ?
		x		Will the project lead to increased productivity or service improvements ?
		x		Will the facility require significant annual maintenance ?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
x			tax base	Is there a revenue generating opportunity ? (e.g. user fees)
		x		Will the project result in a reduction in energy use ?
		x		Does the project involve specific energy reduction strategies or features?
		x		Will this project cause disruptions to regular city operations ?
		x		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Housing Infrastructure Preservation Fund

Whenever possible, **please quantify / describe the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see *Capital Guidelines* for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space?
x				Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
x				Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
x				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
		x		Does this project extend the useful life of an existing facility?
		x		Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		x		Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
x				Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
x				Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: In Rem Property Program Requesting Department: City Development
 Prepared By/Phone Ext: David Schroeder/5933 Department Head Signature: *[Signature]*
 Account No: UR049150000

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Currently, the City owns over 1,000 foreclosed improved residential properties in its inventory and expects 600-800+ additional properties to be acquired in 2015. This funding supports code compliance, rehabilitation, and other work done on tax foreclosed properties owned by the city in order to make them livable and marketable. The 2014 adopted budget included \$300,000 for rehabilitation and repair of properties in the city's lease-to-own program and \$1.6 million to fund rehab loans for buyers of city owned properties as well as innovative rehab purchase programs with community partners. This is DCD's main source of funding to support the Mayor's Strong Neighborhood Investment Program (SNIP).

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: City Development **Account No.:** UR049150000
Project/Program Title: In Rem Property Program

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$2,000,000					\$2,000,000
2016 Projection	\$1,500,000					\$1,500,000
2017 Projection	\$1,500,000					\$1,500,000
2018 Projection	\$1,500,000					\$1,500,000
2019 Projection	\$1,500,000					\$1,500,000
2020 Projection	\$1,500,000					\$1,500,000
Total Six Year Cost	\$9,500,000	\$0	\$0	\$0	\$0	\$9,500,000
Total Project Cost	\$9,500,000	\$0	\$0	\$0	\$0	\$9,500,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/15

Department Head Signature

Prepared By/Phone Ext

David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/21/2014
Project/Program:	In Rem Property Program		
Prepared By:	David Schroeder	Current Request:	\$2,000,000
Dept Head:	Rocky Marcoux	6 Yr Total:	\$9,500,000

General Project/Program Description:

The funding goes towards minor capital repairs and improvements to improved residential properties obtained by the City of Milwaukee through foreclosure and added in 2014, the Strong Neighborhood Investment Program's (SNIP) Lease to Own and Rental Rehab loan programs.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
x				Does the project directly promote improved health or safety?
x				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
x			property sales	What return on investment will this project generate?
x			unknown	What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs?
		x		Will the facility require additional personnel to operate?
		x		Will the project lead to a reduction in operating costs?
		x		Will the project lead to increased productivity or service improvements?
		x		Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
x			tax base	Is there a revenue generating opportunity? (e.g. user fees)
		x		Will the project result in a reduction in energy use?
		x		Does the project involve specific energy reduction strategies or features?
		x		Will this project cause disruptions to regular city operations?
		x		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: In Rem Property Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space?
x				Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
x				Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
x				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
		x		Does this project extend the useful life of an existing facility?
		x		Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		x		Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
x				Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
x				Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
		x		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
		x		Are there inter-jurisdictional considerations?
		x		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Commercial In Rem Property Program

Requesting Department: City Development

Prepared By/Phone Ext: David Schroeder/5933

Department Head Signature: *Rocky Mann*

Account No: NEW REQUEST

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Currently, the City owns 142 foreclosed improved commercial properties in its inventory with 117 of those acquired since 2010. It is expected that and additional 80+ properties will be acquired through the in rem tax foreclosure process in 2014 and 2015. Similiar to the Mayor's Strong Neighborhood Investment Program (SNIP), DCD requests capital funding to assist in the marketing for sale and incentivizing the purchase and renovation of these commercial properties.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: City Development NEW REQUEST
Project/Program Title: Commercial In Rem Property Program Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$500,000					\$500,000
2016 Projection	\$500,000					\$500,000
2017 Projection	\$500,000					\$500,000
2018 Projection	\$500,000					\$500,000
2019 Projection	\$500,000					\$500,000
2020 Projection	\$500,000					\$500,000
Total Six Year Cost	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Total Project Cost	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000

Life to Date Expenditures (Project Only) \$0 \$0 \$0 \$0 \$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/15

David Schroeder

Department Head Signature

Prepared By/Phone Ext

David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/21/2014
Project/Program:	Commercial In Rem Property Program	Current Request:	\$500,000
Prepared By:	David Schroeder	6 Yr Total:	\$3,000,000
Dept Head:	Rocky Marcoux		

General Project/Program Description:

Currently, the City owns 142 foreclosed improved commercial properties in its inventory with 117 of those acquired since 2010. It is expected that an additional 80+ properties will be acquired through the in rem tax foreclosure process in 2014 and 2015. Similar to the Mayor's Strong Neighborhood Investment Program (SNIP), DCD requests capital funding to assist in the marketing for sale and incentivizing the purchase and renovation of these commercial properties.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
x				Does the project directly promote improved health or safety?
x				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
x			property sales	What return on investment will this project generate?
x			unknown	What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs?
		x		Will the facility require additional personnel to operate?
		x		Will the project lead to a reduction in operating costs?
		x		Will the project lead to increased productivity or service improvements?
		x		Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
x			tax base	Is there a revenue generating opportunity? (e.g. user fees)
		x		Will the project result in a reduction in energy use?
		x		Does the project involve specific energy reduction strategies or features?
		x		Will this project cause disruptions to regular city operations?
		x		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Commercial In Rem Property Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space?
x				Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
x				Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
x				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
		x		Does this project extend the useful life of an existing facility?
		x		Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		x		Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
x				Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
x				Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Vacant Lot Beautification Program

Requesting Department: City Development

Prepared By/Phone Ext: David Schroeder/5933

Department Head Signature: *[Signature]*

Account No: UR052150000

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other city owned vacant lots

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Added to the 2014 adopted budget, this new program as part of the Strong Neighborhoods Investment Plan will fund work by city staff and neighborhood groups to creatively and constructively reuse and beautify city owned vacant lots.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: City Development Account No: UR052150000
 Project/Program Title: Vacant Lot Beautification Program

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$200,000					\$200,000
2016 Projection	\$200,000					\$200,000
2017 Projection	\$200,000					\$200,000
2018 Projection	\$200,000					\$200,000
2019 Projection	\$200,000					\$200,000
2020 Projection	\$200,000					\$200,000
Total Six Year Cost	\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000
Total Project Cost	\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15
 Estimated Completion Date: 12/31/15



Department Head Signature

Prepared By/Phone Ext

David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/21/2014
Project/Program:	Vacant Lot Beautification Program		
Prepared By:	David Schroeder	Current Request:	\$200,000
Dept Head:	Rocky Marcoux	6 Yr Total:	\$1,200,000

General Project/Program Description:

Added to the 2014 adopted budget, this new program as part of the Strong Neighborhoods Investment Plan will fund work by city staff and neighborhood groups to creatively and constructively reuse and beautify city owned vacant lots. This is also key to assisting the city in selling vacant lots for development.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
x				Does the project directly promote improved health or safety?
x				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate ?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
x			property sales	What return on investment will this project generate?
x			unknown	What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs ?
		x		Will the facility require additional personnel to operate?
		x		Will the project lead to a reduction in operating costs ?
		x		Will the project lead to increased productivity or service improvements ?
		x		Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
x			tax base	Is there a revenue generating opportunity? (e.g. user fees)
		x		Will the project result in a reduction in energy use?
		x		Does the project involve specific energy reduction strategies or features?
		x		Will this project cause disruptions to regular city operations ?
		x		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Vacant Lot Beautification Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space?
x				Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
x				Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
x				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
		x		Does this project extend the useful life of an existing facility?
		x		Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		x		Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
x				Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
x				Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Façade Program

Requesting Department: City Development

Prepared By/Phone Ext: David Schroeder/5933

Department Head Signature: *Robert May*

Account No: UR050150000

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The City's Façade Grant program provides financial and business assistance to businesses and commercial property owners interested in renovating the street faces of their buildings. The program was established by DCD to increase the physical appearance of Milwaukee's commercial areas. Also included in this capital account is funding for the Retail Investment Fund (RIF) and Citywide White Box Program. Prior to 2012, funding for these programs was appropriated within the Development Fund capital account.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: City Development Account No: UR050150000
 Project/Program Title: Facade Program

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$500,000					\$500,000
2016 Projection	\$500,000					\$500,000
2017 Projection	\$500,000					\$500,000
2018 Projection	\$500,000					\$500,000
2019 Projection	\$500,000					\$500,000
2020 Projection	\$500,000					\$500,000
Total Six Year Cost	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Total Project Cost	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

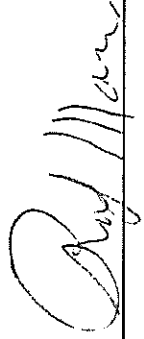
How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/15

Department Head Signature



Prepared By/Phone Ext

David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/21/2014
Project/Program:	Façade Program	Current Request:	\$500,000
Prepared By:	David Schroeder	6 Yr Total:	\$3,000,000
Dept Head:	Rocky Marcoux		

General Project/Program Description:

The City's Façade Grant program provides financial and business assistance to businesses and commercial property owners interested in renovating the street faces of their buildings. The program was established by DCD to increase the physical appearance of Milwaukee's commercial areas. Also included in this account are funds for the Retail Investment Fund and White Box Program.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
		x		Does the project directly promote improved health or safety?
		x		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs?
		x		Will the facility require additional personnel to operate?
		x		Will the project lead to a reduction in operating costs?
		x		Will the project lead to increased productivity or service improvements?
		x		Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		x		Is there a revenue generating opportunity? (e.g. user fees)
		x		Will the project result in a reduction in energy use?
		x		Does the project involve specific energy reduction strategies or features?
		x		Will this project cause disruptions to regular city operations?
		x		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

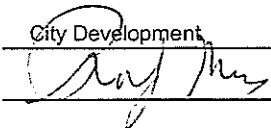
Project/Program: Façade Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space?
x				Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
x				Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
x				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
		x		Does this project extend the useful life of an existing facility?
		x		Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		x		Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
x				Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
		x		Will the project produce desirable jobs in the City?
x				Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
x				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
		x		Are there inter-jurisdictional considerations?
		x		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Brownfield Program
 Prepared By/Phone Ext: David Schroeder/5933
 Account No: UR051150000

Requesting Department: City Development
 Department Head Signature: 

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The City of Milwaukee has made the reuse and redevelopment of land a high priority. The purpose of Milwaukee's Brownfields Initiative is to create jobs and generate tax revenues through industrial and neighborhood redevelopment on brownfield sites. The City of Milwaukee was one of 16 communities selected by the EPA as Brownfields Showcase Communities, "models of brownfields redevelopment and interagency collaboration." There are global benefits to the redevelopment of brownfields. Choosing a brownfield over a greenfield reduces urban sprawl, and, therefore, the negative impacts that urban sprawl has on air, water, and habitat quality.

The funds provided in the Capital Budget are for matches to environmental grants received by the City. Before 2012, this match was part of the Development Fund capital account..

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: City Development

Brownfield Program

Project/Program Title: _____

Account No: UR051150000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$500,000					\$500,000
2016 Projection	\$500,000					\$500,000
2017 Projection	\$500,000					\$500,000
2018 Projection	\$500,000					\$500,000
2019 Projection	\$500,000					\$500,000
2020 Projection	\$500,000					\$500,000
Total Six Year Cost	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Total Project Cost	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0
-----	-----	-----	-----	-----	-----

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

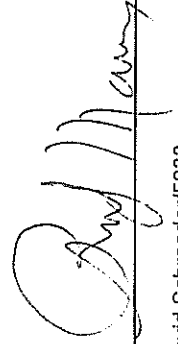
How will this project impact city operating expenditures?

- Increase
- Decrease
- None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/15

Department Head Signature



Prepared By/Phone Ext

David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/21/2014
Project/Program:	Brownfield Program		
Prepared By:	David Schroeder	Current Request:	\$500,000
Dept Head:	Rocky Marcoux	6 Yr Total:	\$3,000,000

General Project/Program Description:

neighborhood redevelopment on brownfield sites. The City of Milwaukee was one of 16 communities selected by the EPA as Brownfields Showcase Communities, "models of brownfields redevelopment and interagency collaboration." There are global benefits to the redevelopment of brownfields. Choosing a brownfield over a greenfield reduces urban sprawl, and, therefore, the negative impacts that urban sprawl has on air, water, and habitat quality.

Whenever possible, **please quantify the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
x				Does the project directly promote improved health or safety ?
x				Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
x				Does the project address a legislative, regulatory or court-ordered mandate ?
x				Does the project promote long-term regulatory compliance ?
x				Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
x				What return on investment will this project generate?
x				What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs ?
		x		Will the facility require additional personnel to operate?
		x		Will the project lead to a reduction in operating costs ?
		x		Will the project lead to increased productivity or service improvements ?
		x		Will the facility require significant annual maintenance ?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
x			tax base	Is there a revenue generating opportunity? (e.g. user fees)
		x		Will the project result in a reduction in energy use ?
		x		Does the project involve specific energy reduction strategies or features?
		x		Will this project cause disruptions to regular city operations ?
		x		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Brownfield Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
x				Does the project increase or enhance recreational opportunities and/or green space?
x				Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
x				Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
x				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
x				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
		x		Does this project extend the useful life of an existing facility?
		x		Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		x		Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
x				Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
x				Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
x			significant grant funds utilized	Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
x				Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Financial Records Imaging/Workflow System

Requesting Department: Office of the Comptroller

Prepared By/Phone Ext: John Egan 2303

Department Head Signature: *Markus Egan*

Account No: _____

A) Department Priority 1 of 1 Useful Life TBD Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions NA Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Compared to peer cities, the Comptroller's Office lags behind in the use of imaging systems to maintain documentation electronically. The Comptroller's Office does not currently provide the capability for City departments to send/receive documents electronically. Most documents are printed numerous times and stored in hard copy form instead of being imaged and digitized. The City's e-Vault application document retention system does not meet the needs of the Comptroller's Office to expand the use of electronic documentation.

G) Additional Comments

The goal would be to purchase an imaging system that is scalable and works with PeopleSoft workflow This has the potential to be rolled out to all departments using the financial system.

Capital Improvement Request Part II

Requesting Department: Office of the Comptroller

Project/Program Title: Financial Records Imaging/Workflow System

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$500,000					\$500,000
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Total Project Cost	\$500,000	\$0	\$0	\$0	\$0	\$500,000

Life to Date Expenditures (Project Only)	\$0	\$0	\$0	\$0	\$0	\$0
--	-----	-----	-----	-----	-----	-----

Available Cost Estimate:	2015	2016	2017	2018	2019	2020
Thorough Cost Estimate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source?
 Yes No Uncertain

Are cost estimates based on industry standards?
 Yes No Uncertain

Will city employees be performing any portion of the work?
 Yes No Uncertain

Did you perform a cost/benefit analysis?
 Yes No Uncertain

How will this project impact city operating expenditures?
 Increase Decrease None

Estimated Start Date: _____

Estimated Completion Date: _____

Department Head Signature *Martin J. Egan*

Prepared By/Phone Ext John Egan 2303

CIC - Capital Improvement Request Part III

Department:	Date Submitted: 3/21/2014
Project/Program: Financial Records Imaging System	
Prepared By: John Egan 2303	Current Request: \$500,000
Dept Head: <i>Martin Malton</i>	6 Yr Total: \$500,000

General Project/Program Description:
 An imaging/workflow system to maintain financial documentation electronically and provide the capability for City departments to send/recieve documents electronically.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
X			TBD	Will the project lead to a reduction in operating costs?
X			\$500,000	Will the project lead to increased productivity or service improvements?
		x		Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Financial Records Imaging/Workflow System

Whenever possible, **please quantify / describe the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see *Capital Guidelines* for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board ?
				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight ?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character ?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life ?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure ?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired ?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
X			TBD	Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations ?
		X		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: New Voting Equipment Requesting Department: Election Commission

Prepared By/Phone Ext: Neil Albrecht, #6119 Department Head Signature: _____

Account No: _____

A) Department Priority 1 of 1 Useful Life 10 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The City of Milwaukee's voting equipment, the Optech Eagle III, was purchased in the early 1990's and has now exceeded the anticipated lifespan of the equipment. As a result, a maintenance program is no longer available, parts must be scavenged from other equipment and the technology, including programming software and firmware upgrades, has become obsolete. The Election Commission experienced a significant increase in equipment malfunctions during the November 2012 Presidential Election. Voting equipment was down for more than 30 minutes at six sites, causing long delays (over an hour) at these sites. Given the significant cost, the Election Commission has delayed the purchase of new equipment for as long as is possible. However, very high turnout elections scheduled for 2016, new equipment is necessary in order to ensure there are not compromises to the administration of the election and voting.

G) Additional Comments

In addition to voting equipment for voting sites, the City of Milwaukee will need to purchase two ballot tabulators for the Central Count processing of absentee ballots as well as the software necessary to program all voting equipment. The City of Milwaukee Election Commission administers 12 elections in a four year election cycle. Voting for each election takes place at 193 polling places, plus the processing of absentee ballots at a Central Count location. There are 310,000 registered voters in the City of Milwaukee. Turnout in the City of Milwaukee mirrors turnout percentages of Wisconsin, with voting rates as high as 87% in a Presidential Election

Capital Improvement Request Part II

Requesting Department: _____

Project/Program Title: _____

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$0					\$0
2015 Budget Request	\$1,700,000					\$1,700,000
2016 Projection	\$0					\$0
2017 Projection	\$0					\$0
2018 Projection	\$0					\$0
2019 Projection	\$0					\$0
2020 Projection	\$0					\$0
Total Six Year Cost	\$1,700,000	\$0	\$0	\$0	\$0	\$1,700,000
Total Project Cost	\$1,700,000	\$0	\$0	\$0	\$0	\$1,700,000

Life to Date Expenditures (Project Only)

	2015	2016	2017	2018	2019	2020
Life to Date Expenditures (Project Only)	\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: _____ 01/01/15

Estimated Completion Date: _____ 02/01/15

Department Head Signature



Prepared By/Phone Ext

6119

CIC - Capital Improvement Request Part III

Department:	Election Commission	Date Submitted:	3/21/2014
Project/Program:	Votng Equipment	Current Request:	\$1,700,000
Prepared By:	Neil Albrecht	6 Yr Total:	
Dept Head:	Neil Albrecht		

General Project/Program Description:

Replace voting equipment at the City of Milwaukee's 193 voting sites and over 300,000 active, registered voters, plus the Central Count of all absentee ballots. Upgrade the equipment firmware and software needed to complete election programming.

Whenever possible, **please quantify the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		x		Does the project directly reduce risks to people or property?
		x		Does the project directly promote improved health or safety ?
		x		Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
x				Does the project address a legislative, regulatory or court-ordered mandate ?
x				Does the project promote long-term regulatory compliance ?
x				Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs ?
	x			Will the facility require additional personnel to operate?
	x			Will the project lead to a reduction in operating costs ?
x				Will the project lead to increased productivity or service improvements ?
		x		Will the facility require significant annual maintenance ?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity ? (e.g. user fees)
	x			Will the project result in a reduction in energy use ?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations ?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: **Voting Equipment - City of Milwaukee Election Commission**

Whenever possible, **please quantify / describe the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see *Capital Guidelines* for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board ?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space?
		x		Will the project mitigate blight ?
		x		Does the project target the quality of life of all citizens?
		x		Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character ?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
The quality and reliability of voting equipment is critical to fair, transparent and accurate elections in the City of Milwaukee.				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life ?
		x		Does this project extend the useful life of an existing facility?
		x		Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		x		Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure ?
Comments / Other Considerations:				
Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired ?
		x		Will the project continue to promote or enhance economic/community development in an already developed area?
		x		Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
		x		Will the project produce desirable jobs in the City?
		x		Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Yes	No	N/A	Amount	Special Considerations
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
x				Are there inter-jurisdictional considerations ?
x				Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
Presently, Milwaukee County is leading an initiative to establish uniform voting equipment between Milwaukee County municipalities. The City may lose eligibility for reimbursements on voting equipment programming costs if the city's timeline varies from this plan for uniformity. A delay in this project could also lead to increased equipment failures and wait times at voting sites during high turnout				

Capital Improvement Request Form Part I

Project/Program Title: Fire Major Capital Equipment

Requesting Department: Milwaukee Fire Department

Prepared By/Phone Ext: BC Dale Schwark / 8975 Emma Stamps

Department Head Signature: *Harold Washington*

Account No: FR130150200

A) Department Priority 1 of 6 Useful Life 15 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Every fire department has a responsibility to provide safe apparatus and equipment for its personnel to safely perform their responsibilities to their community. First responder apparatus should be compliant with national standards and must also adhere to state and local requirements. Standard NFPA 1901 (2003 edition) recommends transferring apparatus from front-line to reserve status after 15 years of use. Apparatus built before 1979 and/or not manufactured to meet NFPA 1901 should be classified as obsolete. The MFD has incorporated the NFPA standard into our standard operating guidelines and we maintain a replacement schedule that allows us to meet the 15 year mark thus minimizing future maintenance and repair costs as the apparatus ages (see attached Milwaukee Fire Department Fire Major Apparatus Purchasing Plan). This also allows for decreased out-of-service time for apparatus so they can provide the premier service that the City has come to enjoy.

G) Additional Comments

NFPA 1901 Annex D is not mandatory; however, it establishes a new datum point for age of apparatus and updating guidelines. BID 11736 CP for Aerial, Engine and Ambulance provide for a more complete and accurate accounting of the equipment budget; this pricing remain in for purchases made though year 2015.

Capital Improvement Request Part II

Requesting Department: Milwaukee Fire Department Account No: FR130150200
 Project/Program Title: Fire Major Capital Equipment

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$3,391,179					\$3,391,179
2015 Budget Request	\$3,088,000					\$3,088,000
2016 Projection	\$3,159,000					\$3,159,000
2017 Projection	\$2,499,000					\$2,499,000
2018 Projection	\$3,695,000					\$3,695,000
2019 Projection	\$3,284,000					\$3,284,000
2020 Projection	\$3,050,000					\$3,050,000
Total Six Year Cost	\$18,775,000	\$0	\$0	\$0	\$0	\$18,775,000
Total Project Cost	\$22,166,179	\$0	\$0	\$0	\$0	\$22,166,179

Life to Date Expenditures (Project Only) \$0 \$0 \$0 \$0 \$0 \$30,729,189

Available Cost Estimate:

Thorough Cost Estimate 2015 2016 2017 2018 2019 2020

Limited Information

Based on Cost of Similar Projects

Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: Existing

Estimated Completion Date: Ongoing

Department Head Signature: *Edward Washington*

CIC - Capital Improvement Request Part III

Department: Milwaukee Fire Department	Date Submitted: 3/21/2014
Project/Program: Fire Major Capital Equipment	
Prepared By: BC Dale Schwark x8975 - Emma Stamps x5281	Current Request: \$3,088,000
Dept Head:	6 Yr Total: \$18,775,000

General Project/Program Description:
 NFPA standards recommend transferring fire apparatus from front-line to reserve status after 15 years useful life. Outdated parts, probable increasing rate of asset failure and related labor costs, and corresponding idle time for Firefighters assigned to an apparatus that fails mid-shift necessitates the continuance of this replacement program.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Fire Major Capital Equipment

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Milwaukee Fire Department Fire Major Capital Purchasing Plan / Projected Costs 2015-2020

Vehicle Type	2015	2016	2017	2018	2019	2020	6-Year CIP TOTAL
Multiplier	1.03	1.03	1.05	1.03	1.03	1.05	
ENGINES	545,000	562,000	591,000	609,000	628,000	660,000	
Purchasing Pattern (2-2-3)	2	3	2	2	3	2	
TOTAL	1,090,000	1,686,000	1,182,000	1,218,000	1,884,000	1,320,000	8,380,000
TRUCKS	792,000	816,000	857,000	883,000	910,000	956,000	
Purchasing Pattern (1-1-2)	2	1	1	2	1	1	
TOTAL	1,584,000	816,000	857,000	1,766,000	910,000	956,000	6,889,000
MED UNITS	212,000	219,000	230,000	237,000	245,000	258,000	
Purchasing Pattern (2-3-2-3)	2	3	2	3	2	3	
TOTAL	414,000	657,000	460,000	711,000	490,000	774,000	3,506,000
YEARLY TOTAL	3,088,000	3,159,000	2,499,000	3,695,000	3,284,000	3,050,000	18,775,000

Capital Improvement Request Form Part I

Project/Program Title: Fire Facilities Maintenance Requesting Department: Milwaukee Fire Department
 Prepared By/Phone Ext: BC Dale Schwark X8974/ Emma Stamps X! Department Head Signature: *Harold Washington*
 Account No: FR130150100

A) Department Priority 2 of 6 Useful Life 10 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 This program focuses on maintaining and improving internal, external and mechanical systems within the department's 36 Engine Houses, based on concerns identified by the 2011 Facilities Condition Assessment. **INTERNAL:** This program repairs internal surfaces and fixtures, such as flooring & lighting, and funds environmental issues such as asbestos removal and fuel contamination are addressed and damaged apparatus overhead doors are replaced. The 2015 budget includes \$10,000 for painting various firehouses and \$109,000 for entrance and overhead door replacements. **EXTERIOR:** This program focuses on roofs, apparatus bays/approaches, tuck pointing (masonry), and windows. The 2015 budget includes \$180,000 for concrete/masonry repair/replacement work on various fire house apparatus bays/approaches, \$50,000 for window replacements, and \$887,000 for roof repairs and replacements. **MECHANICAL SYSTEMS:** Systems covered under this plan include boilers, HVAC, plumbing, and electrical. In 2015, \$26,000 is budgeted for air conditioning system maintenance & replacement projects, \$46,000 for electrical upgrades, and \$67,000 for HVAC/boiler replacement.

G) Additional Comments
 The Milwaukee Fire Department is now in the fourth year of its 20-year plan and refining its plan through completion of several projects. We are continuing to complete essential repairs in the schedule as these efforts help to increase the operational lifespan of the facilities entrusted to the MFD. In addition, it will provide a safe and healthy environment for the members of the MFD so that they may provide the best service possible to the citizens of Milwaukee. A combination of industry-standard estimating techniques, actual quotes and recently completed projects was used to formulate this request.

Capital Improvement Request Part II

Requesting Department: Milwaukee Fire Department Account No: FR130150100
Project/Program Title: Fire Facilities Maintenance

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$2,402,100					\$2,402,100
2015 Budget Request	\$1,374,000					\$1,374,000
2016 Projection	\$725,000					\$725,000
2017 Projection	\$1,294,000					\$1,294,000
2018 Projection	\$778,000					\$778,000
2019 Projection	\$567,000					\$567,000
2020 Projection	\$752,000					\$752,000
Total Six Year Cost	\$5,490,000	\$0	\$0	\$0	\$0	\$5,490,000
Total Project Cost	\$7,892,100	\$0	\$0	\$0	\$0	\$7,892,100

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/15

Department Head Signature

Herold Washington

Prepared By/Phone Ext

BC Dale Schwark / ext. 8975- Emma Stamps / ext. 5281

CIC - Capital Improvement Request Part III

Department: Milwaukee Fire Department	Date Submitted: 3/21/2014
Project/Program: Fire Facilities Maintenance	
Prepared By: BC Dale Schwark X8975 - Emma Stamps X5281	Current Request: \$1,374,000
Dept Head:	6 Yr Total: \$5,490,000

General Project/Program Description:
 Continued Placement of backup generators at First Responder facilities is a critical public safety need. Uninterrupted power supply provides for emergency responses regardless of normal electrical supplies. (Originally designed to provide power during outages due to inclement weather, terrorist activity, and maintenance/repair).

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
	X			What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Fire Facilities Maintenance

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space?
		x		Will the project mitigate blight?
		x		Does the project target the quality of life of all citizens?
		x		Does the project preserve or improve the historical or natural heritage of the City?
		x		Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
	x			How does the request affect the replacement cycle? Provide specifics below.
	x			Has the facility being replaced exceeded its useful life?
	x			Does this project extend the useful life of an existing facility?
x				Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	x			Does the project incorporate new technology that will provide enhanced service?
	x			Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
		x		Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
	x			Will the project produce desirable jobs in the City?
	x			Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
		x		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		x		Are there critical timing issues associated with this project?
		x		Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Repairs	2015	2016	2017	2018	2019	2020
Flooring	3000	3000	3000	3000	3000	3000
Roofs (SqFt amount)	27700	13100	24700	13600	8600	10500
Electrical Upgrades	3	3	3	3	2	2
HVAC	5	1	1	2	1	2
Boiler	1	1	1	1	1	1
Tuck Point(SqFt amount)	4800	1200	3600	1200	1200	2400
Painting(Lift Rental, etc)	1	1	1	1	1	1
A/C	3	1	1	1	1	1
Overhead Doors	4	1	6	5	2	2
Windows	2	3	4	2	2	3
Apparatus Floors	12	12	12	12	12	12
Door (Entrance/Exit)	6	2	4	1	1	2
Foundations	1	1	1	1	0	0
Mold	0	0	0	0	0	0
Concrete	4	2	2	1	1	2

Costs Escalator of 3%	2015	2016	2017	2018	2019	2020
Flooring	\$ 27,810	\$ 28,644	\$ 29,504	\$ 30,389	\$ 31,300	\$ 32,239
Roofs	\$ 886,400	\$ 431,776	\$ 838,535	\$ 475,555	\$ 309,740	\$ 389,516
Electrical Upgrades	\$ 46,350	\$ 47,741	\$ 49,173	\$ 50,648	\$ 34,778	\$ 35,822
HVAC	\$ 39,784	\$ 8,195	\$ 8,441	\$ 17,389	\$ 8,955	\$ 18,448
Boiler	\$ 26,523	\$ 27,318	\$ 28,138	\$ 28,982	\$ 29,851	\$ 30,747
Tuck Pointing	\$ 108,768	\$ 28,008	\$ 86,544	\$ 29,713	\$ 30,605	\$ 63,046
Painting(Lift Rental, etc)	\$ 10,250	\$ 10,558	\$ 10,874	\$ 11,200	\$ 11,536	\$ 11,883
A/C	\$ 26,225	\$ 9,004	\$ 9,274	\$ 9,552	\$ 9,839	\$ 10,134
Overhead Doors	\$ 32,251	\$ 8,305	\$ 51,323	\$ 44,052	\$ 18,150	\$ 18,694
Windows	\$ 49,650	\$ 76,709	\$ 105,347	\$ 54,254	\$ 55,882	\$ 86,337
Apparatus Floors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Door (Entrance/Exit)	\$ 76,385	\$ 26,225	\$ 54,024	\$ 13,911	\$ 14,329	\$ 29,517
Foundations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Mold	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Concrete	\$ 42,745	\$ 22,014	\$ 22,674	\$ 11,677	\$ 12,027	\$ 24,777
Totals Per Year	\$ 1,373,141	\$ 724,497	\$ 1,293,852	\$ 777,323	\$ 566,993	\$ 751,159
ROUNDED TOTALS/YR	\$ 1,374,000	\$ 725,000	\$ 1,294,000	\$ 778,000	\$ 567,000	\$ 752,000

Costs	2015	2016	2017	2018	2019	2020
Flooring (\$9x5,000SqFt)	\$ 9.27	\$ 9.55	\$ 9.83	\$ 10.13	\$ 10.43	\$ 10.75
Roofs(\$32 a Sq Ft)	\$ 32.00	\$ 32.96	\$ 33.95	\$ 34.97	\$ 36.02	\$ 37.10
Electrical Upgrades	\$ 15,450	\$ 15,914	\$ 16,391	\$ 16,883	\$ 17,389	\$ 17,911
HVAC (Budget Quote)	\$ 7,957	\$ 8,195	\$ 8,441	\$ 8,695	\$ 8,955	\$ 9,224
Boiler(Budget Quote)	\$ 26,523	\$ 27,318	\$ 28,138	\$ 28,982	\$ 29,851	\$ 30,747
Tuck Pointing (\$22XSqFt)	\$ 23	\$ 23	\$ 24	\$ 25	\$ 26	\$ 26
Painting(Lift Rental, etc)	\$ 10,250	\$ 10,558	\$ 10,874	\$ 11,200	\$ 11,536	\$ 11,883
A/C (Budget Quote)	\$ 8,742	\$ 9,004	\$ 9,274	\$ 9,552	\$ 9,839	\$ 10,134
Overhead Doors	\$ 8,063	\$ 8,305	\$ 8,554	\$ 8,810	\$ 9,075	\$ 9,347
Windows(Per 20)	\$ 24,825	\$ 25,570	\$ 26,337	\$ 27,127	\$ 27,941	\$ 28,779
Apparatus Floors		\$ -	\$ -	\$ -	\$ -	\$ -
Door (4 per Building)	\$ 12,731	\$ 13,113	\$ 13,506	\$ 13,911	\$ 14,329	\$ 14,758
Foundations		\$ -	\$ -	\$ -	\$ -	\$ -
Mold(Demo & New walls)	\$ 21,218	\$ 21,855	\$ 22,510	\$ 23,185	\$ 23,881	\$ 24,597
Concrete (Per 10 yards)	\$ 10,686	\$ 11,007	\$ 11,337	\$ 11,677	\$ 12,027	\$ 12,388

Capital Improvement Request Form Part I

Project/Program Title: Auxiliary Power Supply - Generators Requesting Department: Milwaukee Fire Department
 Prepared By/Phone Ext: BC Dale Schwark x8974 / Emma Stamps xt Department Head Signature: *Herold Washington*
 Account No: FR130070100

A) Department Priority 3 of 6 Useful Life 10 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This program initiated in 2007 to install an alternative power sources to fire facilities in the event of isolated, neighborhood or citywide electrical service interruptions. Continued placement of backup generators at first responder facilities is a critical public safety need. Uninterrupted power supply provides for the basic electrical needs for emergency responses regardless of the condition of normal electrical supplies. The generators are designed to provide power during outages due to inclement weather, terrorist activity, and maintenance repair period ensuring safe response of the MFD.

G) Additional Comments

During times of power interruption to the fire station or stations the generators will provide enough electricity to power the basic needs of the station including apparatus charging, overhead door operation and CAD / dispatching operations. This assures the services of the Milwaukee Fire Department will remain uninterrupted. The Department of Public Works procurement processing and inspections deliver assurances that the department receives quality workmanship at modest costs.

Capital Improvement Request Part II

Requesting Department: Milwaukee Fire Department Account No: FR130070100
 Project/Program Title: Auxiliary Power Supply - Generators

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$377,646					\$377,646
2015 Budget Request	\$110,000					\$110,000
2016 Projection	\$110,000					\$110,000
2017 Projection	\$110,000					\$110,000
2018 Projection	\$110,000					\$110,000
2019 Projection	\$110,000					\$110,000
2020 Projection	\$110,000					\$110,000
Total Six Year Cost	\$660,000	\$0	\$0	\$0	\$0	\$660,000
Total Project Cost	\$1,037,646	\$0	\$0	\$0	\$0	\$1,037,646

Life to Date Expenditures (Project Only) \$472,354

Available Cost Estimate:	2015	2016	2017	2018	2019	2020
Thorough Cost Estimate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15
 Estimated Completion Date: 12/31/15

Department Head Signature: *Harold Washington*
 Prepared By/Phone Ext: _____ BC Dale Schwark / ext. 8975- Emma Stamps / ext. 5281

CIC - Capital Improvement Request Part III

Department:	Milwaukee Fire Department	Date Submitted:	3/21/2014
Project/Program:	Auxiliary Power Supply - Generators		
Prepared By:	BC Dale Schwark x8975 - Emma Stamps x5281	Current Request:	\$110,000
Dept Head:	Fire Chief Mark Rohlfing	6 Yr Total:	\$660,000

General Project/Program Description:
 Continued Placement of backup generators at First Responder facilities is a critical public safety need. Uninterrupted power supply provides for emergency responses regardless of normal electrical supplies. (Originally designed to provide power during outages due to inclement weather, terrorist activity, and maintenance/repair).

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
	X			What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 During electrical outages, auxiliary power generators allow the department to minimize service interruptions and decreases in productivity within the affected fire station(s) in areas including but not limited to radio battery charging, apparatus charging, overhead door operation, CAD (Computer Aided Dispatching) and mobile dispatching systems operations. Current electrical backup systems are inadequate to deliver the backup capabilities required of modern Fire Service operations.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Auxiliary Power Supply - Generators

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board ?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space ?
		x		Will the project mitigate blight ?
		x		Does the project target the quality of life of all citizens?
		x		Does the project preserve or improve the historical or natural heritage of the City?
		x		Is the project consistent with established community character ?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
	x			How does the request affect the replacement cycle? Provide specifics below.
	x			Has the facility being replaced exceeded its useful life ?
	x			Does this project extend the useful life of an existing facility?
x				Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	x			Does the project incorporate new technology that will provide enhanced service?
	x			Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure ?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired ?
		x		Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
	x			Will the project produce desirable jobs in the City?
	x			Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
		x		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		x		Are there critical timing issues associated with this project?
		x		Are there inter-jurisdictional considerations ?
	x			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Fire Shop Land Acquisition/Design/Construction Requesting Department: Milwaukee Fire Department
 Prepared By/Phone Ext: BC Dale Schwark x8975 - Emma Stamps x1 Department Head Signature: *Harold Westington*
 Account No: FR130150XXX

A) Department Priority 4 of 6 Useful Life 75 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair On-Going Program
 Project/Program Scope Fully Defined Partially Defined
 Energy Efficiency Candidate Yes No

B) Description

Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years 3

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Zimmerman Architectural Studios, Inc. recently revisited and updated an operational efficiency study of the Fire Repair Shop. The facility was built in 1929 and is beyond its usefulness and replacing it with a higher efficiency infrastructure would improve vehicle maintenance, vehicle testing, inventory and stores efficiency. Management expects a new facility will produce more timely repairs to the fire apparatus and also reduce the idle time of Fire Companies, allowing companies to go back into service more quickly. The present shop was constructed to accommodate apparatus configured in that era but does not insufficient to provide for a fleet of modern apparatus.

G) Additional Comments

This proposal consists of constructing a entirely new shop on a property with a location that has yet to be determined. An alternative to this proposal for a new shop contains two options: the first consists of constructing an annex on the property directly behind the present shop and the second consists of making specific upgrades to the existing facility. These proposals are presented in separate 2015 Capital Improvement Requests however both proposals are attached for comparative purposes.

Capital Improvement Request Part II

Requesting Department: Milwaukee Fire Department **Account No.:** FR130150XXX
Project/Program Title: Fire Shop Land Acquisition/Design/Construction

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$4,300,000					\$4,300,000
2016 Projection	\$7,400,000					\$7,400,000
2017 Projection	\$3,400,000					\$3,400,000
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$15,100,000	\$0	\$0	\$0	\$0	\$15,100,000
Total Project Cost	\$15,100,000	\$0	\$0	\$0	\$0	\$15,100,000

Life to Date Expenditures (Project Only) \$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: Undetermined
 Estimated Completion Date: Undetermined

Department Head Signature Harold Washington
Prepared By/Phone Ext BC Dale Schwark x8975 - Emma J Stamps x5281

CIC - Capital Improvement Request Part III

Department:	Milwaukee Fire Department	Date Submitted:	3/21/2014
Project/Program:	Fire Shop Land Acquisition / Design / Construction.		
Prepared By:	BC Dale Schwark x8975 - Emma Stamps x5281	Current Request:	\$4,300,000
Dept Head:	Fire Chief Mark Rohlfing	6 Yr Total:	\$15,100,000

General Project/Program Description:

The request is for the replacement of the Milwaukee Fire Department Repair Facility, an out of date, inefficient structure. The present shop was constructed in 1929 in an era when fire apparatus were lighter and of smaller dimensions. Modern apparatus are a great deal larger and have become difficult to fit into the smaller shop.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments/considerations

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
X			TBD	What return on investment will this project generate?
X			TBD	What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X			TBD	Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
X				Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

The new fire repair facility will be a green structure keeping in line with the city's energy conservation initiatives. We also look t the future with shared services provided by cooperative relationships already being formed. The new facility will also provide a more cost effective manner for shop personnel to changeover apparatus (with centralized storage) requiring repair, allowing fire companies to go back into service more quickly.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Fire Shop Acquisition / Design / Construction

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
X				Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
X				How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
X				Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Fire Shop Annex Design and Construction Requesting Department: Milwaukee Fire Department

Prepared By/Phone Ext: BC Dale Schwark x8975 - Emma Stamps x1 Department Head Signature: *Harold Washington*

Account No: FR13015 XXX

A) Department Priority 5 of 6 Useful Life 75 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 3

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The present Fire Repair Facility was built in 1929 and is beyond its usefulness. The replacement would allow the Fire Repair Shop to operate in a more efficient and effective manner to provide for more timely repairs of the fire apparatus. It provides a more cost effective replacement that will reduce the down time of Fire Companies, allowing companies to go back into service more quickly. The present shop was constructed to facilitate apparatus of that era but does not provide for a fleet of modern apparatus.

G) Additional Comments

This is an alternate proposal to the desired new shop construction project that is also included amongst the department's 2015 Capital Improvement Requests. It must be paired with the request to modify the existing facility but only if the request to construct a new facility at a new location is denied. Refer to the attached cost estimate developed by Zimmerman Architectural.

Capital Improvement Request Part II

Requesting Department: Milwaukee Fire Department **Account No.:** FR130150XXX
Project/Program Title: Fire Shop Annex Design and Construction

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$2,900,000					\$2,900,000
2016 Projection	\$5,900,000					\$5,900,000
2017 Projection	\$1,900,000					\$1,900,000
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$10,700,000	\$0	\$0	\$0	\$0	\$10,700,000
Total Project Cost	\$10,700,000	\$0	\$0	\$0	\$0	\$10,700,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: Undetermined

Estimated Completion Date: Undetermined

Department Head Signature

Howard W. Ashington

Prepared By/Phone Ext

BC Dale Schwark x8975 - Emma Stamps x5281

CIC - Capital Improvement Request Part III

Department:	Milwaukee Fire Department	Date Submitted:	3/21/2014
Project/Program:	Fire Shop Annex Design and Construction		
Prepared By:	BC Dale Schwark / 8975 - Emma Stamps / 5281	Current Request:	\$2,900,000
Dept Head:	Fire Chief Mark Rohlfing	6 Yr Total:	\$10,700,000

General Project/Program Description:

This request is for the replacement of the Milwaukee Fire Department Fire Repair Facility, an out of date, inefficient structure. The present shop was constructed in 1929 in an era when fire apparatus were lighter and of smaller dimension. Modern apparatus are a great deal larger and difficult to get into the smaller shop.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
X			TBD	What return on investment will this project generate?
X			TBD	What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
X				Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

Looking to the future with shared services provided by cooperative relationships already being formed. The new facility will also provide a more cost effective manner for shop personnel to changeover apparatus (with centralized storage) requiring repair, allowing fire companies to go back into service more quickly.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Fire Shop Annex Design and Construction

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
X				Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
X				How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
X				Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Fire Repair Shop - Existing Facility Upgrade Requesting Department: Milwaukee Fire Department
 Prepared By/Phone Ext: BC Dale Schwark / 8975 - Emma Stamps Department Head Signature: *Harold Washington*
 Account No: FR130150XXX

A) Department Priority 5 of 6 Useful Life 75 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair On-Going Program
 Project/Program Scope Fully Defined Partially Defined
 Energy Efficiency Candidate Yes No

B) Description

Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The present Fire Repair Facility was built in 1929 and is beyond its usefulness. The replacement would allow the Fire Repair Shop to operate in a more efficient and effective manner to provide for more timely repairs of the fire apparatus. It provides a more cost effective replacement that will reduce the down time of Fire Companies, allowing companies to go back into service more quickly. The present shop was constructed to facilitate apparatus of that era but does not provide for a fleet of modern apparatus.

G) Additional Comments

This is an alternate proposal to the desired new shop construction project that is also included amongst the department's 2015 Capital Improvement Requests. It must be paired with the request to modify the construct an annex facility but only if the request to construct a new facility at a new location is denied. Refer to the attached cost estimate developed by Zimmerman Architectural.

Capital Improvement Request Part II

Requesting Department: Milwaukee Fire Department Account No: FR130150XXX
 Project/Program Title: Fire Repair Shop - Existing Facility Upgrade

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$950,000					\$950,000
2016 Projection	\$2,700,000					\$2,700,000
2017 Projection	\$2,000,000					\$2,000,000
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$5,650,000	\$0	\$0	\$0	\$0	\$5,650,000
Total Project Cost	\$5,650,000	\$0	\$0	\$0	\$0	\$5,650,000

Life to Date Expenditures (Project Only) \$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: Undetermined
 Estimated Completion Date: Undetermined

Department Head Signature *David M. ...*
 Prepared By/Phone Ext BC Dale Schwark / 8975 - Emma Stamps / 5281

CIC - Capital Improvement Request Part III

Department:	Milwaukee Fire Department	Date Submitted:	3/21/2014
Project/Program:	Fire Repair Shop - Existing Facility Upgrade		
Prepared By:	BC Dale Schwark x8975 - Emma Stamps x5281	Current Request:	\$950,000
Dept Head:	Fire Chief Mark Rohlfing	6 Yr Total:	\$5,650,000

General Project/Program Description:

This request is to update the Milwaukee Fire Department Fire Repair Facility, an out of date, inefficient structure and the second phase of the annex project. The present shop was constructed in 1929. With the completion of a new repair facility the existing shop would need updating to bring it up to date. This plan will extend the useful life of the structure.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
X			TBD	What return on investment will this project generate?
X			TBD	What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
X				Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

This would be the second part to the Annex proposal. Updating the present Fire Repair Facility would allow for extending the structures life and allowing for more efficient use of the space.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Fire Repair Shop - Existing Facility Upgrade

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
X				How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
X				Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

CITY of MILWAUKEE
 Fire Department Fleet Maintenance Building
 Estimate of Probable Construction Cost
 Site Suitability Phase - March 13, 2014
 Addition to and Remodeling of the Virginia Ave Facility

Single Prime Bid PHASE ONE New Building					
CONSTRUCTION COST DESCRIPTION	QUAN.	UNIT	UNIT COST	SUB - TOTALS	TOTALS and NOTES
Structural Construction					
Dewater Foundations	21,000	SF	\$0.25	\$5,250	
Footing Excavation	1,100	CY	\$11.70	\$12,870	
Basement Excavation	700	CY	\$13.00	\$9,100	
Footing Haul from site	1,100	CY	\$19.00	\$20,900	
Basement Haul from site	700	CY	\$19.00	\$13,300	
Footing Backfill	830	CY	\$29.00	\$24,070	import
Basement Backfill	460	CY	\$29.00	\$13,340	import
12" Base Course beneath 7" Slab on grade	725	CY	\$35.00	\$25,375	
6" Base Course beneath 5" Slab on grade	65	CY	\$25.00	\$1,625	
Drain tile @ Perimeter	610	LF	\$13.00	\$7,930	
5" Slab-on-Grade	3,150	SF	\$5.00	\$15,750	
7" Slab-on-Grade	17,850	SF	\$6.15	\$109,778	Additional reinforcing
Vapor Barrier	21,000	SF	\$0.55	\$11,550	under slab
Thickened Slab	1	Allow	\$10,000.00	\$10,000	
Strip Footings	230	CY	\$400.00	\$92,000	
Stoops	6	EA	\$1,500.00	\$9,000	
Column Pads	4	EA	\$2,250.00	\$9,000	
Column Pads	4	EA	\$2,250.00	\$9,000	connector
Column Piers	22	EA	\$1,500.00	\$33,000	
4' Foundation Wall	4,290	SF	\$35.00	\$150,150	
Insulate Foundation wall	4,290	SF	\$2.20	\$9,438	
6' Foundation Wall	2,025	SF	\$35.00	\$70,875	
Insulate Foundation Wall @ Basement	2,025	SF	\$2.20	\$4,455	
Fluid-applied Water Proofing @ Foundation	1,780	SF	\$2.95	\$5,251	
Membrane Water Proofing @ Basement	1,650	SF	\$5.00	\$8,250	
Elevator pit	1	EA	\$4,500.00	\$4,500	
Miscellaneous metal fabrications	1	unit	\$15,000	\$15,000	embeds other hand work
Under Slab insulation	660	SF	\$2.35	\$1,551	4' @ perimeter - code required
Insulate Slab	17,850	SF	\$2.45	\$43,733	radiant heat
Protection Board	17,850	SF	\$0.75	\$13,388	radiant heat
12" Hollow core Precast plank	2,850	SF	\$10.00	\$28,500	
8" Hollow Core Precast plank	2,850	SF	\$8.00	\$22,800	
Concrete topping	2,850	SF	\$4.75	\$13,538	5"
Concrete topping	2,850	SF	\$3.00	\$8,550	3"
Precast Columns	55	LF	\$135.00	\$7,425	connector
Miscellaneous concrete pads	1	Allow	\$5,000.00	\$5,000	
Structural Steel Framing	170	TON	\$2,900	\$493,000	18# / SF
Structural Steel Framing	14	TON	\$2,900	\$40,600	9# / SF
Structural Steel Framing	5	TON	\$2,900	\$14,500	connector
Steel Floor Deck	440	SF	\$3.25	\$1,430	connector
Concrete topping	440	SF	\$3.00	\$1,320	connector
Insulate connector soffit	440	SF	\$3.00	\$1,320	connector
Metal Roof Deck	21,440	SF	\$1.45	\$31,088	22 ga.
Reinforcing Steel allowance	1	unit	\$15,000	\$15,000	Brackets and tie-ins
Crane Rail	30	TON	\$2,300	\$69,000	includes column size increase
Miscellaneous elevator steel	1	unit	\$15,000	\$15,000	rails, projectors, lintels etc.
Lintels and other masonry interface	5	TON	\$3,500	\$17,500	
sub-total					\$1,545,133

CONSTRUCTION COST DESCRIPTION	QUAN.	UNIT	UNIT COST	SUB - TOTALS	TOTALS and NOTES
Exterior Enclosure					
8" Concrete Block	3,320	SF	\$16.00	\$53,120	envelope
Grout Solid	1,660	LF	\$6.00	\$9,960	envelope
Reinforcing		Allow		\$20,000	envelope
Arch Precast Sill	260	LF	\$60.00	\$15,600	
Arch Precast Header	260	LF	\$75.00	\$19,500	
Window Stool	260	LF	\$32.00	\$8,320	

CITY of MILWAUKEE
Fire Department Fleet Maintenance Building
Estimate of Probable Construction Cost
Site Suitability Phase - March 13, 2014

3" Rigid Insulation	3,320	SF	\$3.25	\$10,790	
Spray-on air Barrier	3,320	SF	\$3.00	\$9,960	
Brick	3,320	SF	\$23.00	\$76,360	
Firestopping	580	LF	\$12.00	\$6,960	
Firestopping	290	LF	\$12.00	\$3,480	
Firestopping penetrations		Allow		\$5,000	
Caulking and sealants	27,300	SF	\$0.50	\$13,650	
Insulated Overhead Doors					sf qly
16h x 14w	4,032	SF	\$62.50	\$252,000	224 18
12h x 8w	96	SF	\$65.50	\$6,288	96 1
Aluminum Windows	1,300	SF	\$32.00	\$41,600	
Aluminum Windows	130	SF	\$32.00	\$4,160	connector
Aluminum Windows	1,224	SF	\$32.00	\$39,168	garage
Precast Sandwich panel brg on foundation	3,200	SF	\$27.00	\$86,400	
Metal Studs	1,232	SF	\$10.15	\$12,505	connector 3 5/8" Stud
Wall Insulation - sprayed	1,232	SF	\$6.25	\$7,700	connector
Synthetic Face Panel (Metal)	1,232	SF	\$25.00	\$30,800	connector
Interior closure panel	1,232	SF	\$3.00	\$3,696	connector drywall
Metal Studs	11,016	SF	\$12.75	\$140,454	6" stud
Wall Insulation - sprayed	11,016	SF	\$6.25	\$68,850	
Synthetic Face Panel (Metal)	5,508	SF	\$25.00	\$137,700	50%
Synthetic Face Panel (Fiber Cement)	2,754	SF	\$22.00	\$60,588	25%
Synthetic Face Panel (Trespa)	2,754	SF	\$50.00	\$137,700	25%
Interior closure panel	11,016	SF	\$3.65	\$40,208	pvc panel
Allowance for Roof top unit screening		Allow		\$25,000	
Louwer allowance		Allow		\$10,000	
Bollards and other metal fabrications		Allow		\$15,000	interior and exterior
Railings		Allow		\$15,000	
Roof access laddering @ Transitions		Allow		\$10,000	

sub-total **\$1,397,517** \$671,900
\$557,750
\$114,150

Roofing

Rough Carpentry					
Coping construction	915	LF	\$13.00	\$11,895	
Vertical wall transition construction	210	LF	\$11.00	\$2,310	
Miscellaneous		Allow		\$2,500	
Metal Coping	915	LF	\$21.25	\$19,444	
2 piece counter flashing	1,125	LF	\$13.65	\$15,356	parapet condition
Metal Coping	88	LF	\$21.25	\$1,870	connector
2 piece counter flashing	108	LF	\$13.65	\$1,474	connector
TPO Roofing	27,300	SF	\$7.45	\$203,385	EPDM save <\$94,185>
Protection board / perlite for rating	27,300	SF	\$1.25	\$34,125	
TPO Roofing	440	SF	\$7.45	\$3,278	connector
Protection board / perlite for rating	440	SF	\$1.25	\$550	connector
Gutter @ Entrance + staff entr canopies	60	LF	\$40.00	\$2,400	
Downspouts @ canopies	48	LF	\$25.00	\$1,200	
Miscellaneous Roofing Assemblies		Allow		\$15,000	davits, screen flashing
Tubular lighting devices in Service Bays	27	EA	\$500.00	\$13,500	

sub-total **\$328,287**

CONSTRUCTION COST

DESCRIPTION	QUAN.	UNIT	UNIT COST	SUB - TOTALS	TOTALS and NOTES
INTERIOR CONSTRUCTION					
<i>CMU Partitioning</i>					
8" Concrete Block rated	5,600				
Elevator	616	SF	\$18.00	\$11,088	\$82,656
	616	SF	\$18.00	\$11,088	incl equipment room
Stairs	2,240	SF	\$18.00	\$40,320	
	1,120	SF	\$18.00	\$20,160	
Parts	1,008	SF	\$18.00	\$18,144	
Grout Solid	2,800	LF	\$6.00	\$16,800	

CITY of MILWAUKEE
Fire Department Fleet Maintenance Building
Estimate of Probable Construction Cost
Site Suitability Phase - March 13, 2014

6" Concrete Block	3,752			
Partition	2,492	SF	\$17.00	\$42,364 first
Partition	1,260	SF	\$17.00	\$21,420 basement
Grout Solid	1,876	LF	\$6.00	\$11,256
Stud and Drywall Partitioning				
Drywall Partition	4,230	SF	\$6.00	\$25,380 3-5/8" stud 2 sd gyp with insulation
Drywall Partition	425	SF	\$9.00	\$3,825 6" stud 2 sd gyp with insulation
Drywall Partition	1,456	SF	\$7.25	\$10,556 3-5/8" stud 2 sd gyp with insulation rated
sub-total				\$232,401

Doors and Frames

HM Door Frame	26	EA	\$500.00	\$13,000
HM Frame with side lite	4	EA	\$800.00	\$3,200
HM Door Frame - pair	4	EA	\$575.00	\$2,300
HM Door Frame - double egress	2	EA	\$1,000.00	\$2,000
Wood Door	32	EA	\$525.00	\$16,800
HM Door	10	EA	\$485.00	\$4,850
Hardware	42	EA	\$750.00	\$31,500
Auto operator for entrance - both doors		Allow		\$15,000
Allowance for Rated doors		Allow		\$15,000
Borrowed Lites	10	EA	\$500.00	\$5,000
Glass sets for doors and sidelites	10	EA	\$150.00	\$1,500
Borrowed Lites	10	EA	\$500.00	\$5,000 into shop floor from second
Glass for second floor shop borrowed lites	10	EA	\$2,500.00	\$25,000 rated
Coiling Door @ Parts room	1	EA	\$20,000.00	\$20,000 rated
Coiling Doors @ shops	2	EA	\$2,700	\$5,400 manual
Aluminum storefront glazing system	240	SF	\$75.00	\$18,000
sub-total				\$183,550

Millwork and other carpentry

Base Cabinets	28	LF	\$275.00	\$7,700 P. Lam
Upper Cabinets	32	LF	\$250.00	\$8,000 P. Lam
Countertop	28	LF	\$145.00	\$4,060 P. Lam
Lavatory Countertop Solid Surface	12	LF	\$285.00	\$3,180
Miscellaneous Blocking		Allow		\$5,000
Miscellaneous Furring		Allow		\$7,500
Copy Upper	8	LF	\$100.00	\$800 P. Lam
Copy Countertop	12	LF	\$145.00	\$1,740 P. Lam
Copy Mail	4	LF	\$395.00	\$1,580 P. Lam
Copy Base	12	LF	\$150.00	\$1,800 P. Lam
Clerk Transaction Window	6	LF	\$300.00	\$1,800
Misc Shelves on brackets/stds	24	LF	\$85.00	\$2,040
sub-total				\$45,200

CONSTRUCTION COST
DESCRIPTION

	QUAN.	UNIT	UNIT COST	SUB - TOTALS	TOTALS and NOTES
Accessories					
Toilet Stalls	5	EA	\$1,500.00	\$7,500	
Urinal Screen	2	EA	\$450.00	\$900	
Comer Guards	160	LF	\$20.00	\$3,200	20 total CGs
Metal Lockers	34	EA	\$465.00	\$15,810	2d x 3w x 72h
Locker Benches	25	LF	\$70.00	\$1,750	
Fire Extinguisher and Cabinet	20	EA	\$365.00	\$7,300	
Toilet Accessories		Allow		\$10,000	
Industrial curtain @ Wash / Steam with track	60	LF	\$185.00	\$11,100	16' hi
sub-total					\$57,560
Vertical Access					
Stair Construction	7	flight	\$7,500.00	\$52,500	(1) 4 floor roof access, (1) 3 floor
Railings	7	flight	\$2,500.00	\$17,500	
Elevator	3	Stop	\$25,000.00	\$75,000	\$145,000
sub-total					\$145,000

CITY of MILWAUKEE
Fire Department Fleet Maintenance Building
Estimate of Probable Construction Cost
Site Suitability Phase - March 13, 2014

Finishes					
Water Repellant - Silane Sealer	3,150	SF	\$1.65	\$5,198	
Epoxy					
Repair and Shop Floor	17,850	SF	\$6.00	\$107,100	
Parts and Associated spaces	2,850	SF	\$6.00	\$17,100	entire first floor
Carpet	85	SY	\$35.00	\$2,975	
Rubber Floor	2,435	SF	\$7.00	\$17,045	
CT Floor	560	SF	\$14.50	\$8,120	
Stair Finishes	1	Allow		\$15,000	Rubber Treads + Risers + Landings
Elevator Cab finish allowance	1	Allow		\$10,000	
Vinyl Base	3,675	LF	\$2.15	\$7,901	
CT Walls	432	SF	\$15.00	\$6,480	showers
CT Base	42	LF	\$10.00	\$420	showers
CT Walls	280	SF	\$15.00	\$4,200	Toilets
CT Base	114	LF	\$10.00	\$1,140	Toilets
Durock premium @ Tiled areas	712	SF	\$2.00	\$1,424	
Walk -off carpet @ entrances	10	SY	\$28.00	\$280	
Rubber Floor	440	SF	\$7.00	\$3,080	connector
Vinyl Base	440	SF	\$2.15	\$946	connector
ACT	5,665	SF	\$3.25	\$18,411	
ACT	440	SF	\$3.25	\$1,430	connector
Gyp ceilings	680	SF	\$5.50	\$3,740	
Gyp Soffit	40	LF	\$35.00	\$1,400	
Paint	27,300	SF	\$2.00	\$54,600	
Exterior painting allowance	1	Allow		\$5,000	
Paint	440	SF	\$2.00	\$880	connector
Caulk and seal	27,300	SF	\$0.15	\$4,095	
sub-total				\$496,430	

CONSTRUCTION COST

DESCRIPTION	QUAN.	UNIT	UNIT COST	SUB - TOTALS	TOTALS and NOTES
Site Construction					
Constr Entrance Tracking Mat	1	unit	\$5,500	\$5,500	incl removal
Laydown Area	1	unit	\$7,500	\$7,500	incl removal
Permanent relocation of site utilities	1	LS		\$300,000	Electrical
Building Demolition	1	LS		\$20,000	2 pole buildings
Site Environmental					Studies ONLY in other cost other environmental issues TBD
Selective Demolition	1	LS		\$25,000	
Secure Vacated Building	1	LS		\$0	
Sidewalk closure permit	1	LS		\$50,000	
Alley closure permit	1	LS		\$30,000	
Rough Grading	17,400	SF	\$0.55	\$9,570	
Fine Grading	17,400	SF	\$0.55	\$9,570	
Import Topsoil	100	CY	\$23.00	\$2,300	
Clearing and grubbing	1	LS		\$15,000	
Saw cut for laterals	720	LF	\$3.00	\$2,160	
Demo Street for laterals	4,000	SY	\$3.00	\$12,000	
Demo Existing terrace Sidewalk + C/G	4,000	SF	\$0.95	\$3,800	
Demo Existing conc flatwork	5,955	SY	\$3.00	\$17,865	
Dewater site	38,400	SF	\$0.35	\$13,440	
Install Silt Fence	1,280	LF	\$2.50	\$3,200	
Maintain Silt Fence	12	Months	\$700.00	\$8,400	
Site Construction Fencing	1,280	LF	\$7.00	\$8,960	Chain link
Concrete Curb and Gutter 18"	400	LF	\$30.00	\$12,000	street terrace
Concrete Curb and Gutter 18"	120	LF	\$30.00	\$3,600	site paving areas
Site Utilities - Water Main 8"	120	LF	\$160.00	\$19,200	Ductile Iron
Miscellaneous gate valves and boxes	1	unit	\$15,000	\$15,000	water service
Connect Water	1	unit	\$10,000	\$10,000	manhole + ties
Hydrants	2	unit	\$5,000	\$10,000	street + site
Site Utilities - Storm 12" conc	120	LF	\$90.00	\$10,800	
Concrete Inlet	8	unit	\$2,250	\$18,000	
Concrete Manhole	6	unit	\$3,750	\$22,500	
Connect Storm	1	unit	\$15,000	\$15,000	manhole + ties
Site Utilities - Sanitary	120	LF	\$150.00	\$18,000	
Connect Sanitary	1	unit	\$15,000	\$15,000	manhole + ties
Sidewalk	2,800	SF	\$6.25	\$17,500	
Sidewalk Intersection flares	1	unit	\$3,000	\$3,000	

CITY of MILWAUKEE
Fire Department Fleet Maintenance Building
Estimate of Probable Construction Cost
Site Suitability Phase - March 13, 2014

Concrete Apron(s) and paving	5,100	SF	\$9.50	\$48,450	north
Sub base	5,100	SF	\$3.15	\$16,065	
Concrete paving	15,750	SF	\$6.90	\$108,675	other
Pavement Marking	18	unit	\$20	\$360	
Sub base	15,750	SF	\$2.55	\$40,163	
Asphalt Paving - Roadway	4,000	SY	\$15.00	\$60,000	patch Florida and 1st
Exterior Signage	allowance			\$30,000	
Landscaping - ornamentals / shrubs	1	unit	\$25,000	\$25,000	\$53,750
Landscaping - trees: Site and terrace	1	unit	\$25,000	\$25,000	
Landscaping - turf	1,250	SY	\$3.00	\$3,750	
Decorative fencing	0	LF	\$55.00	\$0	
Site Directional Signage	1	unit	\$5,000	\$5,000	
Connector clearance signage / posting	1	unit	\$15,000	\$15,000	
Site Lighting	0	unit	\$3,000	\$0	building mounted
Terrace Lighting	10	unit	\$4,500	\$45,000	
HDCP Signs and truncated domes	1	unit	\$750	\$750	
SWM Quality Feature	2,000	SF	\$17.00	\$34,000	bio filtration - north
SWM Quality Feature	500	LF	\$150.00	\$75,000	pipel containment under paving
Flagpole 25'	3	unit	\$2,500	\$7,500	
sub-total				\$1,273,578	\$1,219,828

CONSTRUCTION COST
DESCRIPTION

	QUAN.	UNIT	UNIT COST	SUB - TOTALS	TOTALS and NOTES
Plumbing					
Maintenance Bays	17,850	SF	\$6.25	\$111,563	
Shops	3,150	SF	\$5.00	\$15,750	
Basement	3,150	SF	\$4.25	\$13,388	
Support / Office	3,150	SF	\$7.75	\$24,413	
Connector	440	SF	\$0.00	\$0	
sub-total	27,740			\$5.95	\$165,113
Mechanical					
Maintenance Bays	17,850	SF	\$24.50	\$437,325	
Shops	3,150	SF	\$22.00	\$69,300	
Basement	3,150	SF	\$12.50	\$39,375	
Support / Office	3,150	SF	\$35.00	\$110,250	
Connector	440	SF	\$10.00	\$4,400	
sub-total	27,740			\$23.82	\$660,650
Fire Protection					
FP	24,150	SF	\$2.75	\$66,413	
FP	3,150	SF	\$2.75	\$8,663	
FP	440	SF	\$8.00	\$3,520	connector
sub-total	27,740			\$2.83	\$78,595
Electrical					
Maintenance Bays	17,850	SF	\$16.90	\$301,665	
Shops	3,150	SF	\$18.75	\$59,063	
Basement	3,150	SF	\$9.50	\$29,925	
Support / Office	3,150	SF	\$17.50	\$55,125	
Connector	440	SF	\$7.50	\$3,300	
sub-total	27,740			\$16.19	\$449,078
Communication					
Maintenance Bays	17,850	SF	\$1.00	\$17,850	
Shops	3,150	SF	\$2.75	\$8,663	
Basement	3,150	SF	\$0.50	\$1,575	
Support / Office	3,150	SF	\$5.00	\$15,750	
Connector	440	SF	\$0.00	\$0	
sub-total	27,740			\$1.58	\$43,838
sub-total					
Construction Subtotal					\$7,101,928
Division 01					
General Conditions	16	MONTHS	\$7,500	\$120,000	
Overhead and Profit	7,101,928	%	\$0.060	\$426,116	

CITY of MILWAUKEE

Fire Department Fleet Maintenance Building

Estimate of Probable Construction Cost

Site Suitability Phase - March 13, 2014

Building Permit	7,101,928	%	\$0.010	\$71,019
Winter Conditions	7,101,928	%	\$0.010	\$71,019
Utility consumption during construction	7,101,928	%	\$0.010	\$71,019
			10%	\$759,174

Total Building Construction Costs

7,861,102

Grade Level	21,000
Basement Level	3,150
First Floor	3,150
Connector	440
Total	27,740

Building Cost per Square Foot

\$283

CITY of MILWAUKEE

Fire Department Fleet Maintenance Building

Estimate of Probable Construction Cost

Site Suitability Phase

Addition to and Remodeling of the Virginia Ave Facility

	Construction	
Structural Construction	\$1,545,133	19.66%
Exterior Enclosure	\$1,397,517	17.78%
Roofing	\$328,287	4.18%
Partitioning	\$232,401	2.96%
Doors and Frames	\$183,550	2.33%
Millwork and Other Carpentry	\$45,200	0.57%
Accessories	\$57,560	0.73%
Vertical Access	\$145,000	1.84%
Finishes	\$496,430	6.32%
Site Construction	\$1,273,578	16.20%
Plumbing	\$165,113	2.10%
Mechanical	\$660,650	8.40%
Fire Protection	\$78,595	1.00%
Electrical	\$449,078	5.71%
Communication	\$43,838	0.56%
General Conditions	\$759,174	9.66%
	\$7,861,102	100%

Median estimate 5% - deviation in 2015 dollars

5%	\$393,055	
Low end of median statistical curve	\$7,468,047	optimistic
High end of median statistical curve	\$8,254,157	pessimistic

DEVIATIONS	Construction	Mark-up	Sum	Size	Unit Cost	
		9.61%				
Basement cost	\$92,925	\$8,930	\$101,855	3,150	\$32.33	\$0
Connector Cost	\$118,719	\$11,409	\$130,128	440	\$295.75	\$0
Electrical Service Removals	\$300,000	\$28,830	\$328,830			\$100,000
Vertical Circulation - Multi-level	\$227,656	\$21,878	\$249,534			\$0
Sidewalk and Alley closure permits	\$80,000	\$7,688	\$87,688			\$0
Storm Water Management	\$109,000	\$10,475	\$119,475			\$45,000
Envelope	\$114,150	\$10,970	\$125,120			premium

Added scope	\$1,142,630
2014 Baseline	\$7,861,102
Adjusted	\$6,718,472

2010 model	27,700 sf	Construction	\$5,183,500	\$5,183,500
		Gen Conditions	\$144,000	\$144,000
		geotech	\$20,000	

CITY of MILWAUKEE
Fire Department Fleet Maintenance Building
Estimate of Probable Construction Cost
Site Suitability Phase - March 13, 2014

A/E Fees	\$388,763	
City Contract Admin	\$103,670	
City Construction	\$103,670	
	<u>\$5,943,603</u>	
	in 2010 dollars	\$5,327,500
	3% annual inflate to 2015	\$6,177,500

OTHER COST

Building / Land Acquisition

	\$7,861,102		
• Phase One Environmental	Study only - no remediation		\$40,000
• Phase Two Environmental	Study only - no remediation		\$100,000
• Remediate Subject Property			<u>\$0</u>
			<u>\$140,000</u>

Professional Fees

	\$7,861,102	\$1,317,415	\$6,543,687	
• Architect (Structural, Plumbing, Mechanical, Electrical) incl: constr docs/constr admin	7%	\$6,543,687	\$458,058	\$566,050 7.20%
• Civil Engineering/Site Consultant	7%	\$1,219,820	\$85,388	
• Landscaping Design	10%	\$53,750	\$5,375	
• Telecom / Data Design Consultant	10%	\$43,838	\$4,384	
• FF&E Design	7%	\$183,500	\$12,845	
• Construction/Program Management	4%	\$7,861,102	\$314,444	
• Geotechnical & Soil Investigation			\$20,000	
• Constr Mat Inspection & Testing			\$40,000	
• Commissioning	1%	\$7,861,102	\$78,611	
• Document Reproduction			\$7,500	
- Design Phase			\$30,000	
- Bidding & Construction			\$39,306	
• Consultant Reimbursables	0.5%	\$7,861,102	\$17,500	
• Survey			\$12,500	
• Televised Assessment of Existing Utilities			\$12,500	
			<u>\$1,125,910</u>	

Furniture Furnishings and Equipment

• Office furniture/files (new)			\$90,000
• Office furniture/files (rehabilitated)			\$10,000
• Racking systems			\$50,000
• Projection screens			\$2,500
• Appliances			\$1,000
• Audio/visual equipment			\$25,000
• Interior Signage/graphics			\$5,000
			<u>\$183,500</u>

Special Equipment

• UPS system			\$5,000
• Heavy Parallelogram Vehicle lifts	1	\$50,000	\$50,000
• Heavy In ground Vehicle lifts	2	\$35,000	\$70,000
• Welding Exhaust and Dust Collection	0	\$35,000	\$0
• Light Duty Two Post Vehicle lifts	1	\$10,000	\$10,000
• Light Duty In Ground Vehicle lifts	2	\$7,500	\$15,000
• Fluid Distribution	10	\$12,900	\$129,000
• Fluid Distribution / Contain Syst Manifold	1	\$45,000	\$45,000
• 3T Overhead Crane	1	\$67,975	\$67,975
• Compressor	1	\$15,000	\$15,000
• SCBA Bottle Fill (Bauer)	0	\$92,500	\$0
• Painting Equipment	0	\$37,500	\$0
			<u>\$406,975</u>

Occupancy Expenses

• Moving costs			\$15,000
• Radio shakedown [Allowance]			\$10,000
• Ground breaking ceremony			\$2,000
• Opening ceremony			\$3,000
			<u>\$30,000</u>

CITY of MILWAUKEE
 Fire Department Fleet Maintenance Building
 Estimate of Probable Construction Cost
 Site Suitability Phase - March 13, 2014

Administrative	\$7,861,102		
• Legal - attorney		\$20,000	
• Insurance (Builders Risk)	1%	\$78,611	
• Estimating contingency	5%	\$393,055	
• Construction contingency	5%	\$393,055	
		<u>\$884,721</u>	\$2,771,107

Total Construction Costs \$7,861,102

Total Other Costs

Building / Land Acquisition	\$140,000
Professional Fees	\$1,125,910
Furniture Furnishings and Equipment	\$183,500
Special Equipment	\$406,975
Occupancy Expenses	\$30,000
Administrative	<u>\$884,721</u>
Total Other Costs	<u>\$2,771,107</u>

Total Project Costs in 2015 \$10,632,209

CITY of MILWAUKEE
Fire Department Fleet Maintenance Building
Estimate of Probable Construction Cost
Site Suitability Phase - March 13, 2014

DRAW DOWN SCHEDULE SPREAD OVER THREE ANNUM

Construction values	Site			Building			Fit-out		
		OCT - Dec 2015	Jan - Dec 2016	Jan - Dec 2016	Jan - Mar 2017				
Structural Construction	\$1,545,133	\$540,797	\$927,080	\$77,257		\$1,545,133		\$1,545,133	
Exterior Enclosure	\$1,397,517	\$0	\$1,397,517	\$0		\$1,397,517		\$1,397,517	
Roofing	\$328,287	\$0	\$328,287	\$0		\$328,287		\$328,287	
Partitioning	\$232,401	\$0	\$232,401	\$0		\$232,401		\$232,401	
Doors and Frames	\$183,550	\$0	\$174,373	\$9,178		\$183,550		\$183,550	
Millwork and Other Carpentry	\$45,200	\$0	\$0	\$45,200		\$45,200		\$45,200	
Accessories	\$57,560	\$0	\$43,170	\$14,390		\$57,560		\$57,560	
Vertical Access	\$145,000	\$0	\$145,000	\$0		\$145,000		\$145,000	
Finishes	\$496,430	\$0	\$248,215	\$248,215		\$496,430		\$496,430	
Site Construction	\$1,273,578	\$1,018,862	\$127,358	\$127,358		\$1,273,578		\$1,273,578	
Plumbing	\$165,113	\$8,256	\$148,601	\$8,256		\$165,113		\$165,113	
Mechanical	\$660,650	\$0	\$528,520	\$132,130		\$660,650		\$660,650	
Fire Protection	\$78,595	\$7,860	\$62,876	\$7,860		\$78,595		\$78,595	
Electrical	\$449,078	\$22,454	\$336,808	\$89,816		\$449,078		\$449,078	
Communication	\$43,838	\$0	\$21,919	\$21,919		\$43,838		\$43,838	
General Conditions	\$759,174	\$189,793	\$455,504	\$113,876		\$759,174		\$759,174	
		\$1,788,021	\$5,177,629	\$895,452					
	\$7,861,102		\$7,861,102			\$7,861,102		\$7,861,102	
Other Project Cost Values		JAN - Dec 2015	Jan - Dec 2016	Jan - Mar 2017					
Building / Land Acquisition	\$140,000	\$140,000	\$0	\$0		\$140,000			
Professional Fees	\$1,125,910	\$844,433	\$140,739	\$140,739		\$1,125,910			
Furniture Furnishings and Equipment	\$183,500	\$0	\$27,525	\$155,975		\$183,500			
Special Equipment	\$406,975	\$0	\$20,349	\$386,626		\$406,975			
Occupancy Expenses	\$30,000	\$2,000	\$0	\$28,000		\$30,000			
Administrative	\$884,721	\$147,454	\$589,814	\$147,454		\$884,722			
		\$1,133,886	\$778,427	\$858,794					
	\$2,771,107		\$2,771,107			\$2,771,107			
		2015	2016	2017					
		\$2,921,907	\$5,956,056	\$1,754,246					
		\$10,632,209							

Single Prime Bid PHASE TWO Remodel Existing Building

CONSTRUCTION COST DESCRIPTION	QUAN.	UNIT	UNIT COST	SUB - TOTALS	TOTALS and NOTES
Structural Construction					
Dewater Foundations	0	SF	\$0.25	\$0	
Footing Excavation	0	CY	\$11.70	\$0	
Basement Excavation	0	CY	\$13.00	\$0	
Footing Haul from site	0	CY	\$19.00	\$0	
Basement Haul from site	0	CY	\$19.00	\$0	
Footing Backfill	0	CY	\$29.00	\$0	import
Basement Backfill	0	CY	\$29.00	\$0	import
12" Base Course beneath 7" Slab on grade	14,000	CY	\$35.00	\$490,000	
6" Base Course beneath 5" Slab on grade	0	CY	\$25.00	\$0	
Drain tile @ Perimeter	0	LF	\$13.00	\$0	
5" Slab-on-Grade	0	SF	\$5.00	\$0	
7" Slab-on-Grade	14,000	SF	\$6.15	\$86,100	Additional reinforcing
Vapor Barrier	14,000	SF	\$0.55	\$7,700	under slab
Thickened Slab	1	Allow	\$5,000.00	\$5,000	
Strip Footings	0	CY	\$400.00	\$0	
Stoops	0	EA	\$1,500.00	\$0	
Column Pads	0	EA	\$2,250.00	\$0	
Column Pads	0	EA	\$2,250.00	\$0	
Column Piers	0	EA	\$1,500.00	\$0	
4' Foundation Wall	0	SF	\$35.00	\$0	
Insulate Foundation wall	0	SF	\$2.20	\$0	
6' Foundation Wall	0	SF	\$35.00	\$0	
Insulate Foundation Wall @ Basement	0	SF	\$2.20	\$0	
Fluid-applied Water Proofing @ Foundation	0	SF	\$2.95	\$0	
Membrane Water Proofing @ Basement	0	SF	\$5.00	\$0	
Elevator pit	0	EA	\$4,500.00	\$0	
Miscellaneous metal fabrications	1	unit	\$15,000	\$15,000	embeds other hand work
Under Slab insulation	1,920	SF	\$2.35	\$4,512	4' @ perimeter - code required
Insulate Slab	14,000	SF	\$2.45	\$34,300	radiant heat
Protection Board	14,000	SF	\$0.75	\$10,500	radiant heat
12" Hollow core Precast plank	0	SF	\$10.00	\$0	
8" Hollow Core Precast plank	0	SF	\$8.00	\$0	
Concrete topping	0	SF	\$4.75	\$0	5"
Concrete topping	0	SF	\$3.00	\$0	3"
Precast Columns	0	LF	\$135.00	\$0	connector 14'
Miscellaneous concrete pads	0	Allow	\$5,000.00	\$0	
Structural Steel Framing	0	TON	\$2,900	\$0	18# / SF 17500
Structural Steel Framing	0	TON	\$2,900	\$0	9# / SF 3150
Structural Steel Framing	0	TON	\$2,900	\$0	connector 440
Steel Floor Deck	0	SF	\$3.25	\$0	connector
Concrete topping	0	SF	\$3.00	\$0	connector
Insulate connector soffit	0	SF	\$3.00	\$0	connector
Metal Roof Deck	0	SF	\$1.45	\$0	22 ga.
Reinforcing Steel allowance	0	unit	\$15,000	\$0	Brackets and tie-ins
Crane Rail	0	TON	\$2,300	\$0	includes column size increase
Miscellaneous elevator steel	0	unit	\$15,000	\$0	rails, projectors, lintels etc.
Lintels and other masonry interface	0	TON	\$3,500	\$0	
sub-total					\$653,112

CONSTRUCTION COST DESCRIPTION	QUAN.	UNIT	UNIT COST	SUB - TOTALS	TOTALS and NOTES
Exterior Enclosure					
8" Concrete Block	0	SF	\$16.00	\$0	envelope
Grout Solid	0	LF	\$6.00	\$0	envelope
Reinforcing		Allow		\$0	envelope
Arch Precast Sill	749	LF	\$60.00	\$44,940	new sills
Arch Precast Header	749	LF	\$35.00	\$26,215	patching allow
Window Stool	749	LF	\$32.00	\$23,968	

3" Rigid Insulation	0	SF	\$3.25	\$0	
Spray-on air Barrier	0	SF	\$3.00	\$0	
Brick	500	SF	\$46.00	\$23,000	patching allow
Firestopping	0	LF	\$12.00	\$0	
Firestopping	0	LF	\$12.00	\$0	
Firestopping penetrations		Allow		\$10,000	
Caulking and sealants	25,000	SF	\$0.50	\$12,500	
Insulated Overhead Doors					sf qty
14h x 14w	196	SF	\$62.50	\$12,250	196 1
12h x 16w	192	SF	\$65.50	\$12,576	192 1
Aluminum Windows with applied muntin					sf qty
A	869	EA	\$53.00	\$46,057	79 11 11-4 x 7-0
AA	960	SF	\$51.00	\$48,960	96 10 11-4 x 8-6
B	81	EA	\$51.00	\$4,131	81 1 11-6 x 7-0
Arched + Spandrel BB	108	EA	\$77.00	\$8,316	108 1 11-6 x 9-4
C	104	EA	\$59.00	\$6,136	26 4 3-8 x 7-0
CC	160	SF	\$57.50	\$9,200	32 5 3-8 x 8-6
D	1,017	EA	\$51.50	\$52,376	113 9 16-2 x 7-0
DD	1,088	SF	\$49.00	\$53,312	136 8 16-2 x 8-6
E	146	EA	\$49.50	\$7,227	73 2 10-6 x 7-0
EE	178	SF	\$45.50	\$8,099	89 2 10-6 x 8-6
FF	72	SF	\$49.75	\$3,582	72 1 8-6 x 8-6
Z	1,206	SF	\$47.50	\$57,285	603 2 8-8 x 7-0
Wall Insulation - sprayed	0	SF	\$6.25	\$0	\$304,681
Synthetic Face Panel (Metal)	0	SF	\$25.00	\$0	50%
Synthetic Face Panel (Fiber Cement)	0	SF	\$22.00	\$0	25%
Synthetic Face Panel (Trespa)	0	SF	\$50.00	\$0	25%
Interior closure panel	0	SF	\$3.65	\$0	pvc panel
Allowance for Roof top unit screening		Allow		\$0	
Louver allowance		Allow		\$0	
Bollards and other metal fabrications		Allow		\$0	interior and exterior
Railings		Allow		\$0	
Roof access laddering @ Transitions		Allow		\$0	
Tuck-pointing allowance		Allow		\$50,000	
sub-total					\$520,130

Roofing

Rough Carpentry					
Coping construction	0	LF	\$13.00	\$0	
Vertical wall transition construction	0	LF	\$11.00	\$0	
Miscellaneous		Allow		\$7,500	patch new openings
Metal Coping	0	LF	\$21.25	\$0	
2 piece counter flashing	0	LF	\$13.65	\$0	
Metal Coping	0	LF	\$21.25	\$0	
2 piece counter flashing	0	LF	\$13.65	\$0	
TPO Roofing	0	SF	\$7.45	\$0	
Protection board / perlite for rating	0	SF	\$1.25	\$0	
TPO Roofing	0	SF	\$7.45	\$0	
Protection board / perlite for rating	0	SF	\$1.25	\$0	
Gutter @ Entrance + staff entr canopies	0	LF	\$40.00	\$0	
Downspouts @ canopies	0	LF	\$25.00	\$0	
Miscellaneous Roofing Assemblies		Allow		\$0	
Tubular lighting devices in Service Bays	0	EA	\$500.00	\$0	
sub-total					\$7,500

CONSTRUCTION COST

DESCRIPTION	QUAN.	UNIT	UNIT COST	SUB - TOTALS	TOTALS and NOTES
INTERIOR CONSTRUCTION					
<i>CMU Partitioning</i>					
8" Concrete Block rated	0				
Elevator	0	SF	\$18.00	\$0	\$0
	0	SF	\$18.00	\$0	incl equipment room
Stairs	0	SF	\$18.00	\$0	
	0	SF	\$18.00	\$0	
Parts	0	SF	\$18.00	\$0	
Grout Solid	0	LF	\$6.00	\$0	

6" Concrete Block	0			
Partition	0	SF	\$17.00	\$0 first
Partition	0	SF	\$17.00	\$0 basement
Grout Solid	0	LF	\$6.00	\$0
Stud and Drywall Partitioning				
Drywall Partition	0	SF	\$6.00	\$0 3-5/8" stud 2 sd gyp with insulation
Drywall Partition	0	SF	\$9.00	\$0 6" stud 2 sd gyp with insulation
Drywall Partition	0	SF	\$7.25	\$0 3-5/8" stud 2 sd gyp with insulation rated
sub-total				\$0

Doors and Frames				
HM Door Frame	2	EA	\$500.00	\$1,000
HM Frame with side lite	0	EA	\$800.00	\$0
HM Door Frame - pair	0	EA	\$575.00	\$0
HM Door Frame - double egress	0	EA	\$1,000.00	\$0
Wood Door	0	EA	\$525.00	\$0
HM Door	2	EA	\$485.00	\$970
Hardware	24	EA	\$750.00	\$18,000
Auto operator for entrance - both doors		Allow		\$0
Allowance for Rated doors		Allow		\$0
Borrowed Lites	0	EA	\$500.00	\$0
Glass sets for doors and sidelites	0	EA	\$150.00	\$0
Borrowed Lites	0	EA	\$500.00	\$0 into shop floor from second
Glass for second floor shop borrowed lites	0	EA	\$2,500.00	\$0 rated
Coiling Door @ Parts room	0	EA	\$20,000.00	\$0 rated
Coiling Doors @ shops	0	EA	\$2,700	\$0 manual
Aluminum storefront glazing system	0	SF	\$75.00	\$0
sub-total				\$19,970

Millwork and other carpentry				
Base Cabinets	0	LF	\$275.00	\$0 P. Lam
Upper Cabinets	0	LF	\$250.00	\$0 P. Lam
Countertop	0	LF	\$145.00	\$0 P. Lam
Lavatory Countertop Solid Surface	0	LF	\$265.00	\$0
Miscellaneous Blocking		Allow		\$1,500
Miscellaneous Furring		Allow		\$0
Copy Upper	0	LF	\$100.00	\$0 P. Lam
Copy Countertop	0	LF	\$145.00	\$0 P. Lam
Copy Mail	0	LF	\$395.00	\$0 P. Lam
Copy Base	0	LF	\$150.00	\$0 P. Lam
Clerk Transaction Window	0	LF	\$300.00	\$0
Misc Shelves on brackets/stds	0	LF	\$85.00	\$0
sub-total				\$1,500

CONSTRUCTION COST DESCRIPTION	QUAN.	UNIT	UNIT COST	SUB - TOTALS	TOTALS and NOTES
Accessories					
Toilet Stalls	5	EA	\$1,500.00	\$7,500	
Urinal Screen	2	EA	\$450.00	\$900	
Corner Guards	0	LF	\$20.00	\$0	\$0 20 total CGs
Metal Lockers	0	EA	\$465.00	\$0	\$0 2d x 3w x 72h
Locker Benches	0	LF	\$70.00	\$0	
Fire Extinguisher and Cabinet	10	EA	\$365.00	\$3,650	
Toilet Accessories		Allow		\$10,000	
Industrial curtain @ Wash / Steam with track	0	LF	\$185.00	\$0	\$0 16' hi
sub-total					\$22,050

Vertical Access					
Stair Construction	0	flight	\$7,500.00	\$0	\$0 (1) 4 floor roof access, (1) 3 floor
Railings	0	flight	\$2,500.00	\$0	
Elevator	2	Stop	\$35,000.00	\$70,000	\$70,000 freight
sub-total					\$70,000

Finishes				
Water Repellant - Silane Sealer	0	SF	\$1.65	\$0
Epoxy				
Repair and Shop Floor	14,000	SF	\$6.00	\$84,000
mezzanine	12,200	SF	\$6.00	\$73,200
Carpet	0	SY	\$35.00	\$0
Rubber Floor	490	SF	\$7.00	\$3,430
CT Floor	0	SF	\$14.50	\$0
Stair Finishes	1	Allow		\$15,000 Rubber Treads + Risers + Landings
Elevator Cab finish allowance	1	Allow		\$5,000
Vinyl Base	88	LF	\$2.15	\$189
CT Walls	0	SF	\$15.00	\$0 showers
CT Base	0	LF	\$10.00	\$0 showers
CT Walls	0	SF	\$15.00	\$0 Toilets
CT Base	0	LF	\$10.00	\$0 Toilets
Durock premium @ Tiled areas	0	SF	\$2.00	\$0
Walk-off carpet @ entrances	0	SY	\$28.00	\$0
Rubber Floor	0	SF	\$7.00	\$0 connector
Vinyl Base	0	SF	\$2.15	\$0 connector
ACT	490	SF	\$3.25	\$1,593
ACT	0	SF	\$3.25	\$0 connector
Gyp ceilings	0	SF	\$5.50	\$0
Gyp Soffit	0	LF	\$35.00	\$0
Paint	27,730	SF	\$2.00	\$55,460
Exterior painting allowance	1	Allow		\$5,000
Paint	0	SF	\$2.00	\$0 connector
Caulk and seal	27,730	SF	\$0.25	\$6,933
sub-total				\$334,922

CONSTRUCTION COST

DESCRIPTION	QUAN.	UNIT	UNIT COST	SUB - TOTALS	TOTALS and NOTES
Site Construction					
Constr Entrance Tracking Mat	0	unit	\$5,500		\$0 incl removal
Laydown Area	0	unit	\$7,500		\$0 incl removal
Permanent relocation of site utilities	0	LS			\$0 Electrical
Building Demolition	0	LS			\$0 2 pole buildings
Site Environmental					
Studies ONLY in other cost other environmental issues TBD					
Selective Demolition	1	LS		\$15,000	
Secure Vacated Building	0	LS			\$0
Sidewalk closure permit	1	LS		\$25,000	
Alley closure permit	1	LS		\$30,000	
Rough Grading	0	SF	\$0.55		\$0
Fine Grading	0	SF	\$0.55		\$0
Import Topsoil	0	CY	\$23.00		\$0
Clearing and grubbing	0	LS			\$0
Saw cut for laterals	0	LF	\$3.00		\$0
Demo Street for laterals	0	SY	\$3.00		\$0
Demo Existing terrace Sidewalk + C/G	0	SF	\$0.95		\$0
Demo Existing conc flatwork	0	SY	\$3.00		\$0
Dewater site	0	SF	\$0.35		\$0
Install Silt Fence	0	LF	\$2.50		\$0
Maintain Silt Fence	0	Months	\$700.00		\$0
Site Construction Fencing	350	LF	\$7.00		\$2,450 Chain link
Concrete Curb and Gutter 18"	0	LF	\$30.00		\$0 street terrace
Concrete Curb and Gutter 18"	0	LF	\$30.00		\$0 site paving areas
Site Utilities - Water Main 8"	0	LF	\$160.00		\$0 Ductile Iron
Miscellaneous gate valves and boxes	0	unit	\$15,000		\$0 water service
Connect Water	0	unit	\$10,000		\$0 manhole + ties
Hydrants	0	unit	\$5,000		\$0 street + site
Site Utilities - Storm 12" conc	0	LF	\$90.00		\$0
Concrete Inlet	0	unit	\$2,250		\$0
Concrete Manhole	0	unit	\$3,750		\$0
Connect Storm	0	unit	\$15,000		\$0 manhole + ties
Site Utilities - Sanitary	0	LF	\$150.00		\$0
Connect Sanitary	0	unit	\$15,000		\$0 manhole + ties
Sidewalk	0	SF	\$6.25		\$0
Sidewalk intersection flares	0	unit	\$3,000		\$0

Concrete Apron(s) and paving	0	SF	\$9.50	\$0	north
Sub base	0	SF	\$3.15	\$0	
Concrete paving	0	SF	\$6.90	\$0	other
Pavement Marking	0	unit	\$20	\$0	
Sub base	0	SF	\$2.55	\$0	
Asphalt Paving - Roadway	0	SY	\$15.00	\$0	patch Florida and 1st
Exterior Signage				\$0	
Landscaping - ornamentals / shrubs	0	unit	\$25,000	\$0	
Landscaping - trees: Site and terrace	0	unit	\$25,000	\$0	
Landscaping - turf	0	SY	\$3.00	\$0	
Decorative fencing	0	LF	\$55.00	\$0	
Site Directional Signage	0	unit	\$5,000	\$0	
Connector clearance signage / posting	0	unit	\$15,000	\$0	
Site Lighting	0	unit	\$3,000	\$0	building mounted
Terrace Lighting	0	unit	\$4,500	\$0	
HDCP Signs and truncated domes	0	unit	\$750	\$0	
SWM Quality Feature	0	SF	\$17.00	\$0	bio filtration - north
SWM Quality Feature	0	LF	\$150.00	\$0	pipd confinement under paving
Flagpole 25'	0	unit	\$2,500	\$0	
sub-total				\$72,450	\$72,450

CONSTRUCTION COST DESCRIPTION

	QUAN.	UNIT	UNIT COST	SUB - TOTALS	TOTALS and NOTES
Plumbing					
Maintenance Bays	14,000	SF	\$6.25	\$87,500	
Shops	12,200	SF	\$5.00	\$61,000	
Basement	0	SF	\$4.25	\$0	
Support / Office	730	SF	\$7.75	\$5,658	
Boiler	800	SF	\$7.50	\$6,000	
sub-total	27,730			\$5.78	\$160,158
Mechanical					
Maintenance Bays	14,000	SF	\$24.50	\$343,000	
Shops	12,200	SF	\$22.00	\$268,400	
Basement	0	SF	\$12.50	\$0	
Support / Office	730	SF	\$40.00	\$29,200	
Boiler	800	SF	\$7.50	\$6,000	
sub-total	27,730			\$23.32	\$646,600
Fire Protection					
FP	14,000	SF	\$2.75	\$38,500	
FP	12,200	SF	\$2.75	\$33,550	
FP	1,530	SF	\$2.75	\$4,208	connector
sub-total	27,730			\$2.75	\$76,258
Electrical					
Maintenance Bays	14,000	SF	\$16.90	\$236,600	
Shops	12,200	SF	\$18.75	\$228,750	
Basement	0	SF	\$9.50	\$0	
Support / Office	730	SF	\$17.50	\$12,775	
Boiler	800	SF	\$7.50	\$6,000	
sub-total	27,730			\$17.46	\$484,125
Communication					
Maintenance Bays	14,000	SF	\$1.00	\$14,000	
Shops	12,200	SF	\$2.75	\$33,550	
Basement	0	SF	\$0.50	\$0	
Support / Office	730	SF	\$5.00	\$3,650	
Boiler	800	SF	\$0.00	\$0	
sub-total	27,730			\$1.85	\$51,200
sub-total					
Construction Subtotal					\$3,119,973
Division 01					
General Conditions	12	MONTHS	\$7,500	\$90,000	
Overhead and Profit	3,119,973	%	\$0.060	\$187,198	

Building Permit	3,119,973	%	\$0.010	\$31,200
Winter Conditions	3,119,973	%	\$0.000	\$0
Utility consumption during construction	3,119,973	%	\$0.010	\$31,200
			10%	\$339,598

Total Building Construction Costs

3,459,571

Grade Level	14,000
Mezzanine Level	12,200
Crows nest	730
Connector	800
Total	27,730

Building Cost per Square Foot \$125

Construction			
Structural Construction	\$653,112	18.88%	\$736,260
Exterior Enclosure	\$520,130	15.03%	\$586,348
Roofing	\$7,500	0.22%	\$8,455
Partitioning	\$0	0.00%	\$0
Doors and Frames	\$19,970	0.58%	\$22,512
Millwork and Other Carpentry	\$1,500	0.04%	\$1,691
Accessories	\$22,050	0.64%	\$24,857
Vertical Access	\$70,000	2.02%	\$78,912
Finishes	\$334,922	9.68%	\$377,561
Site Construction	\$72,450	2.09%	\$81,674
Plumbing	\$160,158	4.63%	\$180,547
Mechanical	\$646,600	18.69%	\$728,919
Fire Protection	\$76,258	2.20%	\$85,966
Electrical	\$484,125	13.99%	\$545,759
Communication	\$51,200	1.48%	\$57,718
General Conditions	\$339,598	9.82%	\$382,832
	\$3,459,571	100%	\$3,900,012

Median estimate 5% - deviation in 2015 dollars

5%	\$172,979	
Low end of median statistical curve	\$3,286,593	optimistic
High end of median statistical curve	\$3,632,550	pessimistic

INFLATION		inflation to next annum		Sum
		3.00%		
2015	\$3,459,571	\$103,787		\$3,563,358
2016	\$3,563,358	\$106,901		\$3,672,275
2017	\$3,672,275	\$110,168		\$3,784,460
2018	\$3,784,460	\$113,534		\$3,900,012

BASELINE COST IN 2018

\$3,900,012

OTHER COST

Building / Land Acquisition

\$3,900,012

• Phase One Environmental	Study only - no remediation	\$0
• Phase Two Environmental	Study only - no remediation	\$0
• Remediate Subject Property	ALLOWANCE TBD BY ENVIRONMENTAL	\$200,000
		\$200,000

Professional Fees

\$3,900,012 \$123,650 \$3,776,362

• Architect (Structural, Plumbing, Mechanical, Electrical) incl: constr docs/constr admin	8%	\$3,776,362	\$302,109	\$315,520	8.09%
• Civil Engineering/Site Consultant	7%	\$72,450	\$5,072		
• Landscaping Design	10%	\$0	\$0		
• Telecom / Data Design Consultant	10%	\$51,200	\$5,120		
• FF&E Design	7%	\$46,000	\$3,220		
• Construction/Program Management	4%	\$3,900,012	\$156,000		
• Geotechnical & Soil Investigation			in phase one		
• Constr Mat Inspection & Testing			\$10,000		
• Commissioning	1%	\$3,900,012	\$39,000		
• Document Reproduction					
- Design Phase			\$20,000		
- Bidding & Construction			\$30,000		
• Consultant Reimbursables	0.5%	\$3,900,012	\$19,500		
• Survey			in phase one		
• Televised Assessment of Existing Utilities			in phase one		
			\$590,021		

Furniture Furnishings and Equipment

• Office furniture/files (new)			\$20,000		
• Office furniture/files (rehabilitated)			\$10,000		
• Racking systems			\$10,000		
• Projection screens			\$0		
• Appliances			\$1,000		
• Audio/visual equipment			\$0		
• Interior Signage/graphics			\$5,000		
			\$46,000		

Special Equipment

• UPS system			\$0		
• Heavy Parallelogram Vehicle lifts	0	\$50,000	\$0		
• Heavy In ground Vehicle lifts	0	\$35,000	\$0		
• Welding Exhaust and Dust Collection	0	\$35,000	\$0		
• Light Duty Two Post Vehicle lifts	0	\$10,000	\$0		
• Light Duty In Ground Vehicle lifts	0	\$7,500	\$0		
• Fluid Distribution	0	\$12,900	\$0		
• Fluid Distribution / Contain Syst Manifold	0	\$45,000	\$0		
• 3T Overhead Crane	0	\$67,975	\$0		
• Compressor	0	\$15,000	\$0		
• SCBA Bottle Fill (Bauer)	1	\$92,500	\$92,500		
• Painting Equipment	1	\$37,500	\$37,500		
			\$130,000		

Occupancy Expenses

• Moving costs			\$7,500		
• Radio shakedown [Allowance]			\$10,000		
• Ground breaking ceremony			\$0		
• Opening ceremony			\$0		
			\$17,500		

Administrative	\$3,900,012		
• Legal - attorney		\$20,000	
• Insurance [Builders Risk]	1%	\$39,000	
• Estimating contingency	5%	\$195,001	
• Construction contingency	10%	\$390,001	
		<u>\$644,002</u>	\$1,627,523

Total Construction Costs **\$3,900,012**

Total Other Costs

Building / Land Acquisition	\$200,000
Professional Fees	\$590,021
Furniture Furnishings and Equipment	\$46,000
Special Equipment	\$130,000
Occupancy Expenses	\$17,500
Administrative	<u>\$644,002</u>
Total Other Costs	\$1,627,523

Total Project Costs in 2018 **\$5,527,535**

DRAW DOWN SCHEDULE SPREAD OVER THREE ANNUM

Construction values	OCT - Dec 2018	Jan - Dec 2019	Jan - Mar 2020		
Structural Construction	\$736,260	\$0	\$552,195	\$184,065	\$736,260
Exterior Enclosure	\$586,348	\$0	\$439,761	\$146,587	\$586,348
Roofing	\$8,455	\$0	\$6,341	\$2,114	\$8,455
Partitioning	\$0	\$0	\$0	\$0	\$0
Doors and Frames	\$22,512	\$0	\$5,628	\$16,884	\$22,512
Millwork and Other Carpentry	\$1,691	\$0	\$0	\$1,691	\$1,691
Accessories	\$24,857	\$0	\$0	\$24,857	\$24,857
Vertical Access	\$78,912	\$0	\$78,912	\$0	\$78,912
Finishes	\$377,561	\$0	\$37,756	\$339,805	\$377,561
Site Construction	\$81,674	\$0	\$0	\$81,674	\$81,674
Plumbing	\$180,547	\$0	\$108,328	\$72,219	\$180,547
Mechanical	\$728,919	\$0	\$364,460	\$364,460	\$728,919
Fire Protection	\$85,966	\$0	\$42,983	\$42,983	\$85,966
Electrical	\$545,759	\$27,288	\$327,456	\$191,016	\$545,759
Communication	\$57,718	\$0	\$14,430	\$43,289	\$57,718
General Conditions	\$382,832	\$95,708	\$191,416	\$95,708	\$382,832
		\$122,996	\$2,169,665.27	\$1,607,351	
	\$3,900,012		\$3,900,012		\$3,900,012

Other Project Cost Values	JAN - Dec 2018	Jan - Dec 2019	Jan - Mar 2020		
Building / Land Acquisition	\$200,000	\$200,000	\$0	\$0	\$200,000
Professional Fees	\$590,021	\$442,516	\$73,753	\$73,753	\$590,021
Furniture Furnishings and Equipment	\$46,000	\$0	\$6,900	\$39,100	\$46,000
Special Equipment	\$130,000	\$0	\$0	\$75,000	\$75,000
Occupancy Expenses	\$17,500	\$0	\$0	\$17,500	\$17,500
Administrative	\$644,002	\$107,334	\$429,335	\$107,334	\$644,002
		\$749,849	\$509,987.47	\$312,686	
	\$1,627,523		\$1,672,523		\$1,672,523

2013	2014	2015
\$872,846	\$2,679,653	\$1,920,037
\$5,472,535		

Capital Improvement Request Form Part I

Project/Program Title: Fire Remodeling - 3rd floor Headquarter Requesting Department: Milwaukee Fire Department
 Prepared By/Phone Ext: BC Dale Schwark x8975 - Emma Stamps x! Department Head Signature: Harold Wastunofen
 Account No: FR130150XXX

A) Department Priority 6 of 6 Useful Life _____ Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 Milwaukee Fire Department Administration offices are on the 3rd floor above the firehouse located at 7th Street and Wells Street and houses offices of the Fire Chief, the three Assistant Chiefs and various support staff. It was last remodeled in 1992 and is in need of aesthetic, functional, and technical updates so that the Department can continue to meet employee and customer needs.

G) Additional Comments
 The Department of Public works assisted in developing the design and cost analysis for this project. Please refer to the attached "2015 Capital Estimas: MFD EH2 Headquarters 3rd Floor Remodeling" cost estimate and Existing vs. Proposed 3rd Floor Plan drawing.

Capital Improvement Request Part II

Requesting Department: Milwaukee Fire Department **Account No.:** FR130150XXX
Project/Program Title: Fire Remodeling - 3rd floor Headquarter

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$500,000					\$500,000
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Total Project Cost	\$500,000	\$0	\$0	\$0	\$0	\$500,000

Life to Date Expenditures (Project Only) \$0 \$0 \$0 \$0 \$0 \$0

Available Cost Estimate:

Thorough Cost Estimate 2015 2016 2017 2018 2019 2020

Limited Information

Based on Cost of Similar Projects

Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: Undetermined

Estimated Completion Date: 12/31/15

Department Head Signature Harold Washington

CIC - Capital Improvement Request Part III

Department:	Milwaukee Fire Department	Date Submitted:	3/21/2014
Project/Program:	Remodel of Headquarters / 3rd floor		
Prepared By:	BC Dale Schwark / 8975 - Emma Stamps / 5281	Current Request:	\$500,000
Dept Head:	Fire Chief Mark Rohlifing	6 Yr Total:	\$500,000

General Project/Program Description:

Milwaukee Fire Department Administration offices are on the 3rd floor above the firehouse located at 7th Street and Wells Street and houses offices of the Fire Chief, the three Assistant Chiefs and various support staff. It was last remodeled in 1992 and is in need of aesthetic, functional, and technical updates so that the Department can continue to meet employee and customer needs.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Fire Remodeling - 3rd Floor Headquarter

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
	X			How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	X			Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive? QUALITATIVE
		X		Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

2015 CAPITAL ESTIMATE						
MFD EH2 Headquarters						
3rd Floor Remodeling						
Section No.	Item Description	Estimator	Unit Cost	Unit	Qty.	Total
01140	Work Restrictions					
	All noisy work to be completed on weekends or evenings. All other work to be completed during regular working hours.					
01700	Execution Requirements			LS	1	\$ 7,050.00
	Project Preparation & Progress Cleaning	Babette Kis		LS	1	\$ 1,600.00
	Final Cleaning	Babette Kis		LS	1	\$ 850.00
	Interim & Final Moving	Mike Krause		LS	1	\$ 4,600.00
08200	Finish Carpentry			LS	1	\$ 45,641.51
	Remove Existing GWB Walls to Concrete Deck @ 11'-1 1/2"	Babette Kis	\$ 7.84	SF	1,673	\$ 13,119.34
	Remove Existing Wood Doors & Casings	Babette Kis	\$ 300.00	EA	6	\$ 1,800.00
	Remove Existing Interior Windows & Casings	Babette Kis	\$ 300.00	EA	3	\$ 900.00
	Disposal Allowance	Ryan Schulze		LS	1	\$ 2,500.00
	Install New GWB Walls to Concrete Deck @ 11'-1 1/2"	Babette Kis	\$ 8.84	SF	2,244	\$ 15,352.17
	Install New Wood Doors	Babette Kis	\$ 700.00	EA	8	\$ 5,600.00
	Install New Wood Door Casings	Babette Kis	\$ 350.00	EA	8	\$ 2,800.00
	Install New Interior Clearstory Windows & Casings	Babette Kis	\$ 30.00	SF	119	\$ 3,570.00
08700	Hardware			LS	1	\$ 5,600.00
	Door Hardware	Babette Kis	\$ 700.00	EA	8	\$ 5,600.00
09500	Ceiling			LS	1	\$ 34,303.68
	Remove Existing Ceiling	Babette Kis	\$ 5.00	SF	2,777	\$ 13,885.00
	Install New Ceiling	Babette Kis	\$ 7.00	SF	2,098	\$ 14,686.00
	Reuse Existing Ceiling + 30%	Babette Kis	\$ 7.75	SF	569	\$ 5,732.68
09600	Flooring			LS	1	\$ 22,272.00
	Remove Existing & Install New Carpet & Wallbase	Babette Kis	\$ 40.00	SY	464	\$ 18,560.00
	Attic Stock Carpet Tile @ 20%	Babette Kis	\$ 3,712.00	LS	1	\$ 3,712.00
09900	Paints & Coating			LS	1	\$ 20,892.00
	Patch & Paint Walls	Ryan Schutze	\$ 2.00	SF	8,446	\$ 16,892.00
	Stain & Finish Wood Doors & Casings	Babette Kis	\$ 400.00	EA	8	\$ 3,200.00
	Stain & Finish Wood Clearstory Window Casings	Babette Kis	\$ 20.00	SF	40	\$ 800.00
12400	Furnishings & Accessories			LS	1	\$ 98,800.00
	Workstation @ 64 SF Including Electrical	Babette Kis	\$ 7,900.00	EA	10	\$ 79,000.00
	Desk, Worksurface & Credenza	Babette Kis	\$ 2,500.00	EA	2	\$ 5,000.00
	Small Conference Table & 4 Chairs	Ryan Schutze	\$ 1,000.00	EA	2	\$ 2,000.00
	2 Drawer Lateral Filing Cabinet	Ryan Schutze	\$ 400.00	EA	4	\$ 1,600.00
	Bookcase	Ryan Schutze	\$ 200.00	EA	2	\$ 400.00
	Task Chair	Babette Kis	\$ 600.00	EA	12	\$ 7,200.00
	Guest Chair	Ryan Schutze	\$ 150.00	EA	4	\$ 600.00
	Blinds Allowance	Ryan Schutze	\$ 2,000.00	LS	1	\$ 2,000.00
	Interior Signage	Ryan Schutze	\$ 1,000.00	LS	1	\$ 1,000.00
13700	Security Access & Surveillance			LS	1	\$ 9,125.00
	Access Card Reader	Melt Mortvedt	\$ 1,825.00	EA	5	\$ 9,125.00
13900 & 15700	Fire Suppression & HVAC Equipment	Dan Pitts		LS	1	\$ 29,264.00
16100	Electrical			LS	1	\$ 21,000.00
	Remove Existing Wall Outlets	Babette Kis	\$ 75.00	EA	26	\$ 1,950.00
	Remove Existing Floor Outlets	Babette Kis	\$ 75.00	EA	14	\$ 1,050.00
	Install New Wall Outlets	Babette Kis	\$ 500.00	EA	26	\$ 13,000.00
	Install New Floor Outlets	Babette Kis	\$ 500.00	EA	10	\$ 5,000.00
16500	Lighting			LS	1	\$ 28,630.00
	Remove Existing Lighting	Babette Kis	\$ 70.00	EA	37	\$ 2,590.00
	Remove Existing Switches	Babette Kis	\$ 60.00	EA	4	\$ 240.00
	Reuse Existing Lighting	Babette Kis	\$ 175.00	EA	8	\$ 1,400.00
	Install New 2x4 LED Lighting	Babette Kis	\$ 700.00	EA	23	\$ 16,100.00
	Install New 2x2 LED Lighting	Babette Kis	\$ 650.00	EA	6	\$ 3,900.00
	Install New Occupancy Sensor	Babette Kis	\$ 200.00	EA	7	\$ 1,400.00
	Install New Switches	Babette Kis	\$ 300.00	EA	8	\$ 2,400.00
	Exit Lights	Babette Kis	\$ 300.00	EA	2	\$ 600.00
16700	Communications			LS	1	\$ 33,750.00
	2 Data Jacks & 1 Telephone Jack	Babette Kis	\$ 2,250.00	EA	15	\$ 33,750.00
Construction Subtotal						\$ 356,328.18
Construction Contingency @ 15%						\$ 53,449.23
Construction Subtotal and Contingency						\$ 409,777.41
Architectural Design @ 10%						\$ 40,977.74
Construction Administration @ 8%						\$ 24,586.64
Construction Inspection @ 6%						\$ 24,586.64
TOTAL PROJECT ESTIMATE						\$ 499,928.44

Capital Improvement Request Form Part I

Project/Program Title: HEALTH FACILITIES CAPITAL PROJECTS Requesting Department: HEALTH DEPARTMENT
 Prepared By/Phone Ext: Yvette M. Rowe Department Head Signature: B. K. Beher
 Account No: BU110130400/BU1100140500

A) Department Priority 1 of 1 Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The 2015 Capital Improvement Budget Request includes the following projects: funding for the NWHC Detached roof replacement, replacement water heater for SSHC, HVAC Building Automated Systems at all three Health Centers along with Air Handling and Direct Expansion Air Conditioning units at NWHC and annual updates to the ZMB Lab Ventilation System. The 2015-2020 CIP Budget matches the Milwaukee Health Department's Facility Capital Improvement Analysis done by DPW in 2013 (copy included).

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: HEALTH DEPARTMENT Account No: BU110130400/BU1100140500
 Project/Program Title: HEALTH FACILITIES CAPITAL PROJECTS

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$100,000					\$100,000
2015 Budget Request	\$833,675					\$833,675
2016 Projection	\$237,968					\$237,968
2017 Projection	\$223,480					\$223,480
2018 Projection	\$324,811					\$324,811
2019 Projection	\$336,762					\$336,762
2020 Projection	\$174,933					\$174,933
Total Six Year Cost	\$2,131,629	\$0	\$0	\$0	\$0	\$2,131,629
Total Project Cost	\$2,231,629	\$0	\$0	\$0	\$0	\$2,231,629

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
\$32,227	\$0	\$0	\$0	\$0	\$0	\$32,227

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: ON-GOING

Department Head Signature _____

Prepared By/Phone Ext _____

Yvette M. Rowe/ X3997

CIC - Capital Improvement Request Part III

Department:	HEALTH DEPARTMENT	Date Submitted:	3/21/2014
Project/Program:	HEALTH FACILITIES CAPITAL PROJECTS		
Prepared By:	Yvette M. Rowe, Business Operations Manager-Health	Current Request:	\$833,675
Dept Head:	Bevan K. Baker, FACHE, Commissioner of Health	6 Yr Total:	\$2,131,629

General Project/Program Description:

The Health Facilities Capital Project Account consists of various appropriations for Health Center facility replacements and upgrades. These consist of interior, exterior, mechanical and HVAC projects.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

All facility replacements and upgrades reduces the risk of facility degradation that may lead to risk to our employees as well as to our clients. All Health Centers maintain regularly scheduled health clinics open to the public.

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
	X			Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
X				Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

Most of the projects proposed in 2015 are directly related to the HVAC systems in all the Health Centers. HVAC and mechanical updates should impact energy usage minimally, however, significantly improve the comfort of our employees and clients and provide significant ability to control these systems remotely and immediately as needed.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program:

Whenever possible, **please quantify / describe the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

This project request is in compliance with the recent Facility Capital Improvement Analysis and Facility Condition Report done by DPW in 2013. MHD continues to maintain its connection with the community and our clients who live in the vicinity and the morbidity rates of various health issues affecting the population within the community. Our Health Centers provide health care to the under and uninsured population within our city.

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Regularly scheduled replacement and upgrades of our Health Centers' HVAC systems extends the life of our existing buildings. Our buildings are very aged and without consistent repair and maintenance they will quickly fall below acceptable standards for use as a safe and comfortable Health Center.

Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Delaying on-going replacement of HVAC systems is extremely dangerous and could lead to more expensive repair needs in the future. The 2015 Budget tackles some major HVAC projects that will extremely improve the comfort level of our Health Centers as well as decrease the amount of calls to and responses needed from our Buildings and Grounds Manager and HVAC Mechanic III. This is extremely taxing on daily maintenance and operations of the buildings.

Updated 3/19/2014

CAPITAL IMPROVEMENT PROJECTS

Year	Completed	Project Description	2012	2013	2014	2015	2016	2017	2018	2019	2020	TOTAL 2015-2020
2012-13		SSHC - Replace Windows (2 year project - 2010 - 2011)	375,000	325,000								0
2013		SSHC HVAC Control Replacement	30,000									0
2014		Keenan - Sprinkler Installation		300,000								0
2014		Security Camera-Installation at NWHC, SSHC and Keenan (INTERIOR)										0
2014		SSHC - Elevator Smart Controller		35,000								0
2014		NWHC - Elevator Smart Controller		35,000								0
2014		SSHC Boiler Replacement										0
2015		NWHC - Detached Garage Roof			190,000							190,000
2015		SSHC-BAS Installation			66,000							66,000
2015		SSHC - Water Heater			17,000							17,000
2015		Keenan - BAS Installation			300,000							300,000
2015		Keenan-Water Heater										0
2015		NWHC - Air Handling		15,000								15,000
2015		NWHC - BAS Installation			40,000							40,000
2015		NWHC - Direct Expansion (Air Conditioner)			150,000							150,000
2015		NWHC-Water Heater		15,000	45,000							45,000
2015												0
2016		Northwest - Replace flooring throughout building										0
2016		NWHC-Flooring					90,300	77,100				167,400
2016		NWHC-Light Fixtures					51,400					51,400
2016-17		SSHC-Porches Membrane					25,700					25,700
2016-18		NWHC-Interior Paint Application					23,100	4,700	16,900			44,700
2016-18		Keenan-Interior Paint Application					16,400	15,900	19,700			53,000
2017		SSHC-Interior Paint Application						27,100				27,100
2017		SSHC-Partial Furniture Replacement (33%)						52,800				52,800
2016-17		Keenan-Partial Furniture Replacement (33%)					4,700	12,300				17,000
2017		NWHC-Main Service Entrance Doors						5,500				5,500
2018		SSHC-Interior Paint Application							20,500			20,500
2018		SSHC-Major Paint Application (Exterior)							31,400			31,400
2018		Keenan-Overhead Canopy for back doors							20,000			20,000
2018		NWHC-Overhead Canopy for back doors							21,700			21,700
2018		SSHC-Security System Server							8,700			8,700
2018		SSHC-Security System Surveillance Phased (33%)							10,800			10,800
2018		Keenan-Security System Server							8,700			8,700
2018		Keenan-Security System Surveillance Phased (33%)							8,700			8,700
2018		NWHC-Security System Server							10,800			10,800
2018		NWHC-Security System Surveillance Phased (33%)							8,700			8,700
2018		NWHC-Security System Surveillance Phased (33%)							10,800			10,800
2018		NWHC-Electrical Service Entrance Replacement							108,300			108,300
2019		SSHC-Main Service Entrance Doors (from parking lot)								5,800		5,800
2019		SSHC-Asphalt Pavement							11,100			11,100
2019		NWHC-Asphalt Pavement							222,300			222,300
2019		SSHC-Variable Air Volume Units							35,600			35,600
2019		NWHC-Light Poles and Fixtures							33,400			33,400
2020		Keenan-Rest Rooms Renovation								25,100		25,100
2020		NWHC-Rest Rooms Renovation								78,800		78,800
2020		NWHC-Detached Garage Doors								16,000		16,000
2020		Keenan - Electrical Components								16,000		16,000
2020										9,700		9,700
LL		LAB Ventilation System Maintenance			25,000	25,675	26,368	27,080	27,811	28,562	29,333	164,829
LL		General Interior Painting	10,000	10,000								0
LL		Miscellaneous Roofing Repairs	5,000	5,000								0
LL		General Touchpointing										0
LL		Generators - Testing, Maintenance & Fuel Replacement (Annual)	10,000	10,000								0
LL		Sprinklers - Testing & Maintenance	5,000	10,000								0
LL		Card Access/Security Alarm Electronic Update (Annual)	20,000	10,000								0
LL		Elevator Maintenance - All buildings (Annual)	20,000	15,000								0
		Grand Total	\$450,000	\$420,000	\$425,000	\$933,675	\$237,968	\$223,480	\$324,811	\$336,762	\$174,933	\$2,131,629

NW Health Center

Quantity	Units	2014 Unit Cost	2014 Capital Cost	20 Year Total Cost	Last Repla RUL	Age	Funding Backlog	First Year Funds Requested	2017	2018	2019	2020	2021	2022	2023	
																Funded Amount
1	LS	\$2,300	\$2,300	\$6,000	15	3		\$2,400								
2nd Floor																
Hallways																
1	LS	\$12,600	\$12,600	\$19,800	25	18		2032								
1	LS	\$17,000	\$17,000	\$17,900	25	3		2017	\$17,900							
1	LS	\$4,800	\$4,800	\$11,600	15	4		2018	\$5,200							
Offices/Patients																
1	LS	\$36,400	\$36,400	\$48,800	25	12		2026								
1	LS	\$10,800	\$10,800	\$26,200	30	4		2018		\$11,700						
1	LS	\$49,900	\$49,900	\$52,600	25	3		2027	\$52,600							
1	LS	\$54,000	\$54,000	\$74,300	10	13		2027								
1	LS	\$12,000	\$12,000	\$16,500	10	13		2027								
Rest Rooms																
1	LS	\$65,000	\$65,000	\$78,200	20	6		2020	\$78,200							
Storage																
1	LS	\$4,400	\$4,400	\$6,700	25	17		2031								
1	LS	\$1,200	\$1,200	\$1,800	25	17		2031								
1	LS	\$6,300	\$6,300	\$6,600	25	3		2017	\$6,600							
									Subtotal	\$0	\$0	\$113,400	\$0	\$78,800	\$0	\$44,800
Building Control Components																
1	EA	\$40,000	\$40,000	\$40,000	25	1		2015	\$40,000							
1	LS	\$150,000	\$150,000	\$150,000	N/A	1		2015	\$150,000							
1	LS	\$15,000	\$15,000	\$20,700	17	13		2027								
2	EA	\$25,000	\$50,000	\$76,600	25	17		2031								
1	EA	\$15,000	\$15,000	\$56,600	8	0		2014	\$15,000	\$15,000					\$18,600	
1	EA	\$45,000	\$45,000	\$45,000	25	1		2015	\$45,000							
1	EA	\$35,000	\$35,000	\$35,000	35	0		2014	\$35,000	\$35,000						
1	LS	\$42,000	\$42,000	\$54,800	25	11		2025								
1	LS	\$6,500	\$6,500	\$18,000	10	8		2022								
1	LS	\$8,000	\$8,000	\$19,400	8	4		2018	\$8,700							
1	LS	\$10,000	\$10,000	\$67,400	8	4		2018	\$10,800							
									Subtotal	\$50,000	\$50,000	\$235,000	\$0	\$0	\$12,100	\$18,600
Electrical Components																
1	LS	\$99,900	\$99,900	\$57,900	35	17		2031								
1	LS	\$84,000	\$84,000	\$125,300	35	17		2031								
1	LS	\$100,000	\$100,000	\$108,300	40	17		2031	\$108,300							
									Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DETACHED GARAGE - 1303																
Building Envelope Components																
2	EA	\$7,000	\$14,000	\$16,000	15	6		2020							\$16,000	
1	LS	\$190,000	\$190,000	\$190,000	20	1		2015	\$190,000							
1	LS	\$16,000	\$16,000	\$22,000	15	13		2027								
									Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Electrical Components																
1	LS	\$50,000	\$50,000	\$51,400	35	17		2031	\$51,400							
									Subtotal	\$0	\$0	\$51,400	\$0	\$16,000	\$0	\$0
Property Site Components																
1	LS	\$10,000	\$10,000	\$27,200	3-5	10		2024								
5,550	SY	\$36.00	\$199,800	\$222,300	20	5		2019	\$222,300						\$222,300	

Keenan Health

Quantity Units	2014 Unit Cost	2014 Capital Cost	20 Year Total Cost	UL	RUL	Last Repl. Aged	Fund. Age	Backlog	First Year Funds Requested	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
			\$2,482,100							\$146,400	\$153,300	\$85,100	\$136,400	\$214,900	\$0	\$125,400	\$219,000	\$278,400	\$176,300
										\$112,160	\$114,358	\$61,814	\$96,471	\$147,896	\$0	\$81,875	\$139,234	\$172,346	\$106,771
										PV									
										CRV	\$6,100,956	\$6,434,855	\$6,608,596	\$6,787,028	\$6,970,278	\$7,158,476	\$7,353,754	\$7,550,252	\$7,754,109
										FCl	0.024	0.013	0.015	0.032	0.000	0.018	0.030	0.037	0.023

Notes

- a) UL is Useful Life and RUL is Remaining Useful Life
- b) The annual building materials inflation rate estimate is estimated at 2.70%
- c) CRV is the Current Replacement Value adjusted for inflation
- d) CRDM is Capital Repair/Deferred Maintenance
- e) Facility Condition Index (FCI) 0.00 - 0.499 = Good; 0.05 - 0.099 = Fair; > .10 = Poor
- f) Total Funded (2014 Budgeted Projects) \$315,000
- g) Total Backlog (Deferred Maintenance) \$0
- h) Projects that require funding \$300,000
- i) Present Value (PV) for 20 years expenditures \$1,921,349
- j) Average capital expenditures per year \$96,067

Keenan Health

	Quantity	Units	2014 Unit Cost	2014 Capital Cost	20 Year Total Cost	UL	RUL	Age	Last Repl	Fundi	First Year	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
			Cost	Cost	Cost				Age	ng	Funds	Requested										
2nd Floor																						
Hallways																						
Finishes, Ceiling, Acoustic Tile	1	LS	\$2,200	\$2,200	\$2,700	20	8				2022											
Finishes, Floor, Vinyl Tile	1	LS	\$6,800	\$6,800	\$18,300	8	8				2022			\$10,100								
Finishes, Carcets (replace with vinyl)	1	LS	\$3,300	\$3,300	\$8,000	8	4				2018			\$4,400								
Finishes, Paint Application	1	LS	\$5,000	\$5,000	\$6,700	20	12				2026			\$6,700								
Finishes, Floor, Vinyl Tile	1	LS	\$19,800	\$19,800	\$26,500	20	12				2026			\$26,500								
Finishes, Paint Application	1	LS	\$13,600	\$13,600	\$32,900	8	4				2018			\$18,200								
Furnishings, Furniture, Partial (33%)	1	LS	\$36,000	\$36,000	\$97,300	25	7				2021			\$55,100								
Furnishings, Office Equipment, Partial (33%)	1	LS	\$16,000	\$16,000	\$43,300	10	7				2021			\$24,500								
Offices/Parents																						
Finishes, Ceiling, Acoustic Tile	1	LS	\$2,600	\$2,600	\$3,500	20	12				2026			\$3,500								
Finishes, Floor, Carpet	1	LS	\$3,200	\$3,200	\$9,700	8	8				2022			\$1,700								
Finishes, Paint Application	1	LS	\$1,300	\$1,300	\$3,100	8	4				2018			\$1,700								
Furnishings, Furniture, Partial (33%)	1	LS	\$6,500	\$6,500	\$7,800	25	8				2022			\$1,700								
Furnishings, Office Equipment, Partial (33%)	1	LS	\$3,500	\$3,500	\$4,200	10	8				2022			\$4,800								
Lobby/Waiting Area																						
Finishes, Ceiling, Acoustic Tile	1	LS	\$45,000	\$45,000	\$55,700	20	9				2023											
Finishes, Floor, Carpet	1	LS	\$90,000	\$90,000	\$0	N/A	N/A				N/A											
Subtotal					\$71,400								\$56,700	\$61,000	\$86,700	\$0	\$0	\$41,000	\$79,600	\$32,300	\$103,400	
Restrooms																						
Renovations	1	LS	\$45,000	\$45,000	\$55,700	20	9				2023											
Subtotal					\$0																	
Laboratories																						
Renovations	1	LS	\$90,000	\$90,000	\$0	N/A	N/A				N/A											
Building Control Components																						
BAS, Installation	1	EA	\$300,000	\$300,000	\$300,000	N/A	1				2015											
BAS, Upgrades	1	EA	\$8,700	\$8,700	\$12,000	12	13				2027											
Boilers, Building Heat	2	EA	\$96,000	\$72,000	\$113,200	25	18				2032											
Boiler, Hot Water	1	EA	\$15,000	\$15,000	\$53,500	8	0				2014											
Elevator, Controls	1	EA	\$45,000	\$45,000	\$68,900	35	17				2031											
Life Safety System	1	LS	\$46,000	\$46,000	\$70,500	25	17				2031											
Life Safety System, Sprinkler System	1	LS	\$300,000	\$300,000	\$300,000	25	0				2014											
Roof Top Units	2	EA	\$27,000	\$54,000	\$87,200	25	19				2033											
Security System, Access Management	1	LS	\$6,500	\$6,500	\$18,000	10	8				2022											
Security System, Server	1	LS	\$8,000	\$8,000	\$19,400	8	4				2018											
Security System, Surveillance, Phased (33%)	1	LS	\$10,000	\$10,000	\$67,400	8	4				2018											
Roof Top Units	2	EA	\$39,000	\$78,000	\$122,700	25	18				2032											
Subtotal					\$0								\$0	\$24,100	\$12,000	\$0	\$0	\$37,300	\$139,400	\$246,100	\$103,400	
Electrical Components																						
Installed in 1980	1	LS	\$8,500	\$8,500	\$9,700	40	6				2031											
Installed in 1990	1	LS	\$31,000	\$31,000	\$46,200	40	16				2031											
Light Fixtures	1	LS	\$74,000	\$74,000	\$96,600	35	11				2031											
Subtotal					\$0								\$96,600	\$0	\$0	\$0	\$0	\$46,200	\$0	\$0	\$0	\$0
Site Features																						
Asphalt Pavement System, Replacement	600	SY	\$39.00	\$23,400	\$32,200	20	13				2027											
Fence, Chain Link (incl. gates)	115	LF	\$35.00	\$4,025	\$5,500	20	13				2027											
Subtotal					\$0								\$0	\$0	\$37,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Southside Health

	Quantity	Units	2014 Unit Cost	2014 Capital Cost	20 Year Total Cost	UL	RUL	Last Repl. Age	Fundin g Backlo	First Year Funds Requested	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
Boilers, Building Heat	3	EA	\$40,000	\$120,000	\$183,800	25	17			2031								\$183,800			
Boiler, Hot Water	1	EA	\$15,000	\$15,000	\$59,600	8	3			2017		\$19,600									\$24,200
Elevator, Controls	1	EA	\$35,000	\$35,000	\$35,000	35	0			2014											
Life Safety System	1	LS	\$56,000	\$56,000	\$83,500	25	16			2030							\$83,500				
Roof Top Unit and Controls	1	LS	\$78,000	\$78,000	\$126,000	20	19	2014		2033											\$126,000
Security System, Access Management	1	LS	\$6,500	\$6,500	\$8,000	10	8			2022			\$107,000								\$107,000
Security System, Server	1	LS	\$8,000	\$8,000	\$19,400	8	4			2018			\$13,400								\$13,400
Security System, Surveillance, Phased (3354)	1	LS	\$10,000	\$10,000	\$51,200	8	4			2018											\$14,900
Split Systems	1	LS	\$27,500	\$27,500	\$33,100	25	8			2022											
Variable Air Volume Units	20	EA	\$1,600	\$32,000	\$35,600	35	5			2019		\$19,600	\$24,100	\$20,700	\$0	\$0	\$98,400	\$183,800	\$10,200	\$10,200	\$150,200
Subtotal											\$0	\$19,600	\$24,100	\$20,700	\$0	\$0	\$98,400	\$183,800	\$10,200	\$10,200	\$150,200

Electrical Components

Light Fixtures (Last Replaced 2000)

1 LS \$74,000 \$74,000 \$86,800 35 7 2021

Site Features

Asphalt Pavement, Maintenance	5,700	SY	\$1.50	\$10,000	\$23,800	3	5			2019	\$12,700										
Asphalt Pavement System, Replacement	5,700	SY	\$56.00	\$205,200	\$298,000	20	15			2025						\$298,000					
Fence, Chain Link	1,000	LF	\$54.00	\$54,000	\$78,400	35	15			2029						\$78,400					
Subtotal											\$12,700	\$0	\$0	\$0	\$0	\$376,400	\$0	\$0	\$0	\$0	\$0
Annual Cost											\$53,600	\$147,900	\$93,000	\$256,700	\$316,700	\$376,400	\$116,000	\$230,100	\$10,200	\$10,200	\$281,300
PV											\$41,064	\$106,600	\$67,552	\$181,556	\$218,103	\$252,402	\$75,741	\$146,291	\$6,314	\$6,314	\$169,563

Notes

- a) UL is Useful Life and RUL is Remaining Useful Life
- b) The annual building materials inflation rate estimate is estimated at 2.70%
- c) CRV is the Current Replacement Value adjusted for inflation
- d) CRDM is Capital Repair/Deferred Maintenance
- e) Facility Condition Index (FCI) 0.00 - 0.199 = Good; 0.05 - 0.099 = Fair; >1.0 = Poor
- f) Total Funded (2014 Budgeted Projects) \$35,000
- g) Total Backlog (Deferred Maintenance) \$0
- h) Projects that require funding \$66,000
- i) Present Value (PV) for 20 years expenditures \$1,661,286
- j) Average capital expenditures per year \$83,064

Southside Health

CRV \$8,183,685

FCI 0.095

0.017

\$8,404,645

0.011

\$8,631,570

0.029

\$8,864,622

0.035

\$9,103,967

0.012

\$9,349,774

0.023

\$9,602,218

0.001

\$9,861,478

\$10,127,738

\$10,401,187

0.027

	2028	2029	2030	2031	2032	2033
	\$316,700		\$116,000	\$256,100	\$10,200	\$287,100
	\$214,900		\$125,400	\$219,000	\$278,400	\$176,300
	\$96,000	\$57,900	\$140,200	\$108,100	\$68,500	\$48,500
	\$96,302	\$37,282	\$38,288	\$39,322	\$40,384	\$41,474
	\$663,902	\$95,182	\$419,888	\$622,522	\$397,484	\$523,374
		\$376,400				
		\$14,500				
		\$390,900				
	\$663,902	\$486,082	\$419,888	\$622,522	\$397,484	\$523,374
	\$17,925,909	\$18,414,016	\$18,911,195	\$19,421,797	\$19,946,186	\$20,484,733
	0.035	0.003	0.020	0.030	0.018	0.024

Milwaukee Health Department

20 Year Total
Cost

CRDM
2014

Facility	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Southside Health	\$2,006,800	\$83,000	\$25,700	\$79,800	\$71,400	\$41,400		\$86,800	\$53,000	\$60,600	\$40,900	\$123,300	\$93,000	\$256,700
Keenan Health	\$2,444,400	\$315,000	\$21,100	\$29,200	\$59,200		\$34,800	\$67,100	\$64,800	\$55,700	\$146,400	\$153,300	\$85,100	\$98,700
North West Health Building	\$2,060,900	\$50,000	\$113,400	\$87,300	\$166,400		\$94,800	\$95,000	\$19,800	\$63,400	\$237,300	\$100,600	\$93,800	\$184,800
North West Health Garage	\$279,400	\$190,000	\$51,400				\$16,000							\$22,000
ZMB Lab	\$651,631	\$25,000	\$26,368	\$7,080	\$7,811	\$28,562	\$29,393	\$30,125	\$50,939	\$31,774	\$32,632	\$33,513	\$34,418	\$35,347
Total Building Expenditures	\$7,443,131	\$425,000	\$237,968	\$223,480	\$324,811	\$69,962	\$174,933	\$279,025	\$168,639	\$211,474	\$457,232	\$410,713	\$306,318	\$597,547

Property

Southside Health	\$400,200					\$11,100					\$12,700			\$97,700
Keenan Health	\$37,700										\$12,700		\$11,900	
North West Health	\$294,800					\$255,700								
Total Property Expenditures	\$732,700					\$266,800					\$25,400		\$11,900	\$97,700

Total All MHD Expenditures	\$8,175,831	\$425,000	\$237,968	\$223,480	\$324,811	\$336,762	\$174,933	\$279,025	\$168,639	\$211,474	\$482,632	\$410,713	\$318,218	\$635,247
CRV	\$12,347,865	\$12,681,257	\$13,023,651	\$13,375,290	\$13,736,423	\$14,107,306	\$14,488,203	\$14,879,385	\$15,281,128	\$15,699,719	\$16,117,449	\$16,552,620	\$16,999,541	\$17,458,529
FCI	0.032	0.064	0.016	0.015	0.022	0.003	0.010	0.017	0.009	0.011	0.026	0.023	0.016	0.032

- a) The annual building materials inflation rate estimate is estimated at 2.70%
- b) CRV is the Current Replacement Value adjusted for Inflation 2.70%
- c) CRDM is Capital Repair/Deferred Maintenance
- d) Facility Condition Index (FCI) 0.00 - 0.099 = Good; 0.05 - 0.099 = Fair; >.10 = Poor
- e) Total Funded (2014 Budgeted Projects) \$425,000
- f) Total Backlog (Deferred Maintenance) \$0
- g) New Projects that require funding \$1,641,675
- h) Present Value (PV) for 20 years expenditures \$6,389,553
- i) Average PV of capital expenditures per year \$319,478

Capital Improvement Request Form Part I

Central Library Improvements Fund -

Project/Program Title: Interior Segment

Requesting Department: Milwaukee Public Library

Prepared By/Phone Ext: Taj Schoening x3024

Department Head Signature: *Paula C. Bieby*

Account No: LB141150100

A) Department Priority 4 of 7 Useful Life Varies Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Interior work covers the restoration, preservation, and renovation of the interior of the Central Library including: repairs to mosaic tile and scagliola in the rotunda; renovation, upgrades and modernization; and lighting upgrades. As a historic public building it is imperative that the City maintain the interior spaces as well as restore historic architectural details. The Central Library is a significant factor in the vitality of Milwaukee as well as the region receiving over 500,000 visitors each year. The impact from such a high level of use necessitates that repair and restoration is continued. The life of flooring (carpet and hard surfaces) and paint are extended by touching up and replacing small areas but complete replacement still has to be done on a scheduled basis. In the main rotunda portions of the mosaic floor have missing tiles, which creates a tripping hazard and increases damage. Many areas of the scagliola columns have cracked or pulled away from the substrate. The Library's approach to restoration of the scagliola and mosaic tile is to systematically repair sections of these areas every year.

G) Additional Comments

In 2015 the Business, Technology and Periodicals area which was renovated in 2000 is scheduled to have carpet replaced. In 2016 and 2018 we will have the dome in the main rotunda and hallways repaired and repainted. In 2019 Art & Music will have carpet replaced and the Humanities original staff work area will be upgraded. In 2020 we will begin to address the need to renovate the current media and teen areas.

Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library LB141150100
 Project/Program Title: Central Library Improvements Fund - Interior Segment Account No:

Year	Special Assessment			Enterprise			Total Cost
	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost	
Remaining Balance for 2014							\$0
2015 Budget Request	\$525,000						\$525,000
2016 Projection	\$500,000						\$500,000
2017 Projection	\$200,000						\$200,000
2018 Projection	\$600,000						\$600,000
2019 Projection	\$1,400,000						\$1,400,000
2020 Projection	\$800,000						\$800,000
Total Six Year Cost	\$4,025,000	\$0	\$0	\$0	\$0	\$0	\$4,025,000
Total Project Cost	\$4,025,000	\$0	\$0	\$0	\$0	\$0	\$4,025,000

Life to Date Expenditures (Project Only) \$0 \$0 \$0 \$0 \$0 \$0

Available Cost Estimate:	2015	2016	2017	2018	2019	2020
Thorough Cost Estimate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

Department Head Signature



Prepared By/Phone Ext

Taj Schoening x3024

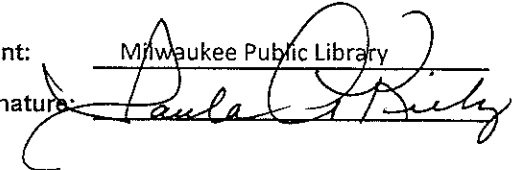
Capital Improvement Request Form Part I

Central Library Improvements Fund -

Project/Program Title: Exterior Segment

Requesting Department: Milwaukee Public Library

Prepared By/Phone Ext: Taj Schoening x3024

Department Head Signature: 

Account No: LB141150100

A) Department Priority 5 of 7 Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Exterior work encompasses the facade of the Central Library (limestone block and balusters, Chicago brick, and marble block), windows, lighting, painted surfaces and roofs. Weathering results in cracks, which allow moisture to seep behind stone and masonry surfaces, eroding the joints and breaking off pieces of the stone detail. The Library has approached preservation of the exterior by systematically repairing sections of the building. Tuckpointing and replacement of stone or brick extends the life of the structure and avoids increased damage and possible injury from falling debris. Repairs will last for about 50 years. There are multiple roofs on the building, only one of which has been replaced. Exterior lighting on the annex was most recently upgraded in 2003.

G) Additional Comments

Budget requests for 2015 and 2016 reflect continuation of the masonry repairs on the annex. The funding request for 2015 through 2018 will allow replacement of roofs. All of this work is absolutely critical to preserve the building structure.

Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library Account No: LB141150100
 Project/Program Title: Central Library Improvements Fund - Exterior Segment

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$450,000					\$450,000
2016 Projection	\$435,650					\$435,650
2017 Projection	\$500,000					\$500,000
2018 Projection	\$750,000					\$750,000
2019 Projection	\$0					\$0
2020 Projection						\$0
Total Six Year Cost	\$2,135,650	\$0	\$0	\$0	\$0	\$2,135,650
Total Project Cost	\$2,135,650	\$0	\$0	\$0	\$0	\$2,135,650

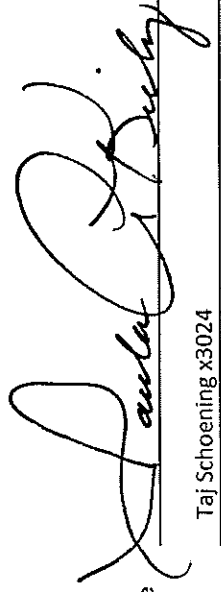
Life to Date Expenditures (Project Only)	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:					
Thorough Cost Estimate	<input type="checkbox"/>	2015	<input type="checkbox"/>	2016	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	2017	<input type="checkbox"/>	2018	<input type="checkbox"/>
Based on Cost of Similar Projects	<input checked="" type="checkbox"/>	2019	<input checked="" type="checkbox"/>	2020	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>				

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: _____ Ongoing
 Estimated Completion Date: _____ Ongoing

Department Head Signature: 
 Prepared By/Phone Ext: Taj Schoening x3024

Capital Improvement Request Form Part I

Central Library Improvements Fund -

Project/Program Title: Mechanicals Segment

Requesting Department: Milwaukee Public Library

Prepared By/Phone Ext: Taj Schoening x3024

Department Head Signature: *Paula A. Butler*

Account No: LB141150100

A) Department Priority 3 of 7 Useful Life Varies Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D)

Total Positions	Total FTEs						
<u>0.35</u>	<u>0.35</u>						
Position Title	Business Operations Manager	No. of Positions	<u>0.20</u>	FTEs	<u>0.20</u>	Salaries	\$ <u>30,000</u>
	Facilities Manager		<u>0.15</u>		<u>0.15</u>		\$ <u>14,350</u>
							\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

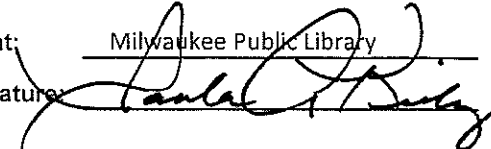
This work includes the building's mechanical equipment and systems responsible for the safety and comfort of building occupants: HVAC, electrical, building controls, fire safety, security and elevators. The useful life of major HVAC equipment, electrical transformers and elevators ranges from 35 to 50 years, building management controls and security systems about 15 years. Updating aged equipment with new technology lowers energy use and repair costs. The Central Library uses 7 chillers and 1 cooling tower to cool the building. The oldest chiller was installed in 1985. The HVAC system uses 24 air handling units; five of them installed in 1955. Replacement of these units with new equipment using variable air volume and new controls will improve energy efficiency. There are four elevators original to the 1953 annex. They are not ADA compliant and parts are increasingly difficult to obtain. The fire alarms in the public areas were upgraded during renovations. The non-public areas have not added horns and strobes to meet ADA codes and are not linked to the building management system, which identifies the exact location of the alarm. Upgrades to the Fire Alarm system began in 2013 and will be completed in 2014.

G) Additional Comments

The capital plan includes funding for: replacement of air handling units in 2015, 2017 and 2020; completion of upgrades to the fire alarm system in 2015; replacement of a 350 ton chiller in 2016; and upgrading elevators in 2018 and 2019. In 2017 we have scheduled replacement of three air handling units simultaneously because they are located within the same room. In 2020 two air handling units will be done simultaneously due to co-location.

Capital Improvement Request Form Part I

Project/Program Title: Branch Libraries - New Construction
 Prepared By/Phone Ext: Taj Schoening x3024
 Account No: LB145150200

Requesting Department: Milwaukee Public Library
 Department Head Signature: 

A) Department Priority 1 of 7 Useful Life Varies Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 6

D) Total Positions 1 Total FTEs 1.0

Position Title	No. of Positions	FTEs	Salaries
<u>Facilities Project Manager</u>	<u>1</u>	<u>1.0</u>	<u>\$ 100,000</u>
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Villard Square was completed in 2011 and East Library will be completed in 2014. Seven of the remaining twelve branch libraries were built between 1961 and 1971. Four of them were renovated in the mid-1990's and two have never been upgraded. Five of them have original HVAC systems. Tippecanoe will have new mechanical systems completed with the renovation in 2015. In 2014 the capital budget includes \$600,000 to begin replacement of four of these libraries (Forest Home, Mill Road, Capitol and M.L. King) using a mixed-use model. These new buildings will be much more energy efficient and flexible, able to be adapted to meet changing needs of citizens and technology.

G) Additional Comments

The 2015 budget is year two of three which will fund replacement of Forest Home and Mill Road. 2015 also includes funding to begin site selection and an RFP process for Capitol and M.L. King libraries. 2016 includes the final year funding for the first two branches and year two of three for the second two branches. 2017 completes the funding cycle for the last two libraries. In addition, funding is included for a Project Manager to oversee all of the development activity related to the four libraries.

BMD-100

Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library

Project/Program Title: Branch Library - New Construction

Account No: LB145150200

Special Assessment: LB145150200

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$4,300,000					\$4,300,000
2016 Projection	\$5,300,000					\$5,300,000
2017 Projection	\$4,100,000					\$4,100,000
2018 Projection	\$4,100,000					\$4,100,000
2019 Projection	\$0					\$0
2020 Projection	\$0					\$0
Total Six Year Cost	\$17,800,000	\$0	\$0	\$0	\$0	\$17,800,000
Total Project Cost	\$17,800,000	\$0	\$0	\$0	\$0	\$17,800,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 2014

Estimated Completion Date: 2018

Department Head Signature



Prepared By/Phone Ext

Taj Schoening x3024

Capital Improvement Request Form Part I

Branch Libraries Improvements Fund -

Project/Program Title: Interior Segment

Requesting Department: Milwaukee Public Library

Prepared By/Phone Ext: Taj Schoening x3024

Department Head Signature: *Paula A. Bely*

Account No: LB145150100

A) Department Priority 2 of 7 Useful Life Varies Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This work encompasses: preservation and upgrade of the interiors of the branch libraries: interior renovations, lighting, re-carpeting, and painting. Each branch library is a significant factor in the vitality of its neighborhood. As public buildings it is imperative that they are maintained and modernized. Painting and re-carpeting are scheduled on a 15 to 18 year basis due to the number of people using the buildings. An average of about 150,000 people use a branch library every year. Two of our current branch libraries built in the late 1960's and early 1970's have never been renovated, one of which is scheduled to be replaced.

G) Additional Comments

In 2016 the final funding for renovation of the Tippecanoe Library is included. Four of the other buildings will be addressed through new construction.

Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library Account No: LB145150100
 Project/Program Title: Branch Libraries Improvements Fund - Interior Segment

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$900,000					\$900,000
2015 Budget Request	\$2,250,000					\$2,250,000
2016 Projection	\$0					\$0
2017 Projection	\$0					\$0
2018 Projection	\$0					\$0
2019 Projection	\$0					\$0
2020 Projection	\$0					\$0
Total Six Year Cost	\$2,250,000	\$0	\$0	\$0	\$0	\$2,250,000
Total Project Cost	\$3,150,000	\$0	\$0	\$0	\$0	\$3,150,000

Life to Date Expenditures (Project Only) \$0 \$0 \$0 \$0 \$0 \$0

Available Cost Estimate:

Thorough Cost Estimate 2015 2016 2017 2018 2019 2020

Limited Information

Based on Cost of Similar Projects

Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

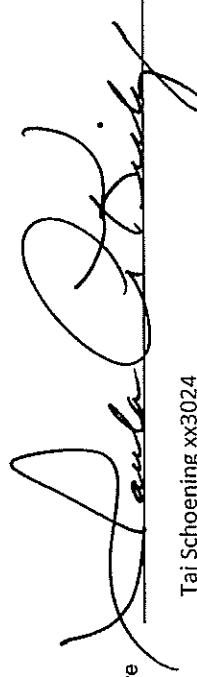
Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

Department Head Signature: 
 Prepared By/Phone Ext: Taj Schoening xx3024

Capital Improvement Request Form Part I

Branch Libraries Improvements Fund -

Project/Program Title: Exterior Segment

Requesting Department: Milwaukee public Library

Prepared By/Phone Ext: Taj Schoening x3024

Department Head Signature: 

Account No: LB145150100

A) Department Priority 6 of 7 Useful Life Varies Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This work encompasses maintenance of the exterior facades of the branch libraries, including repair and/or replacement of masonry, wood, windows, lighting, roofs, signage, and parking lots. Exterior elements have varied life spans. Windows and flat roofs can last 20 to 25 years while exterior paint lasts about 8 years. Parking lot surfaces, signage and lighting can be repaired but must be replaced after about 25 years. The useful life of masonry and concrete varies depending on location and weather.

G) Additional Comments

We have requested funding In 2020 to replace the roofs of the Tippecanoe and Zablocki Libraries. The roofs were replaced in 1989 and 1992 respectively, which will make them 31 and 28 years old in 2020.

Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library LB145150100
 Project/Program Title: Branch Libraries Improvements Fund - Exterior Segment Account No:

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$0					\$0
2016 Projection	\$0					\$0
2017 Projection	\$0					\$0
2018 Projection	\$0					\$0
2019 Projection	\$0					\$0
2020 Projection	\$400,000					\$400,000
Total Six Year Cost	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Total Project Cost	\$400,000	\$0	\$0	\$0	\$0	\$400,000

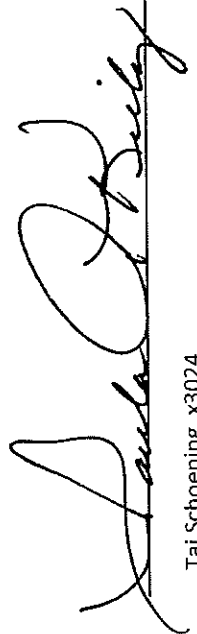
Life to Date Expenditures (Project Only)	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:	2015	2016	2017	2018	2019	2020
Thorough Cost Estimate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: Ongoing
 Estimated Completion Date: Ongoing

Department Head Signature: 
 Prepared By/Phone Ext: Taj Schoening x3024

Capital Improvement Request Form Part I

Branch Libraries Improvements Fund -

Project/Program Title: Mechanicals Segment

Requesting Department: Milwaukee Public Library

Prepared By/Phone Ext: Taj Schoening x3024

Department Head Signature: 

Account No: LB145150100

A) Department Priority 7 of 7 Useful Life Varies Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This work addresses the building equipment and systems responsible for the safety and comfort of building occupants; HVAC, electrical, building controls, fire safety, and security. The useful life of major HVAC equipment is about 35 years, building management controls and security systems about 15 years. The Library has seven branches that were built between 1961 and 1971. Of these four have the original HVAC systems. New equipment is much more energy efficient, helping the Library meet the Mayor's mandate to reduce energy consumption in city buildings.

G) Additional Comments

Four libraries with original systems have outlasted their service life. The mechanicals systems will be addressed as part of the new construction of these libraries.

Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library Account No: LB145150100
 Project/Program Title: Branch Libraries Improvements Fund - Mechanicals Segment

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$750,000					\$750,000
2015 Budget Request						\$0
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$0	\$0	\$0	\$0	\$0	\$0
Total Project Cost	\$750,000	\$0	\$0	\$0	\$0	\$750,000

Life to Date Expenditures (Project Only)

	2015	2016	2017	2018	2019	2020
	\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

Thorough Cost Estimate 2015 2016 2017 2018 2019 2020

Limited Information 2015 2016 2017 2018 2019 2020

Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020

Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain


Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: Ongoing

Estimated Completion Date: Ongoing

Department Head Signature: 
 Prepared By/Phone Ext: Taj Schoening x3024

CIC - Capital Improvement Request Part III

Department: Milwaukee Public Library
 Project/Program: Central Library Improvements - Interior Segment.
 Prepared By: Taj Schoening
 Dept Head: Paula Kiely

Date Submitted:
 Current Request: \$525,000
 6 Yr Total: \$4,025,000

General Project/Program Description:
 Restoration, preservation and renovation of the interior of the Central Library including: repairs to mosaic tile floors and scagliola in the rotunda; renovation, modernization and upgrades of interior finishes; lighting and key access. The Central Library is on the Historic Register and as such is a significant public and historic building that serves the city and the region with over 500,000 visitors annually. In addition it serves as the workplace for approximately 238 library employees.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
x				Does the project directly promote improved health or safety?
	x			Does the project mitigate an immediate risk?

Comments / Other Considerations:
 Constant traffic creates wear and tear on all interior surfaces, especially flooring which can create tripping hazards if not properly maintained and/or replaced.

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
	x			Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
	x			Will the project lead to a reduction in operating costs?
x				Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity? (e.g. user fees)
	x			Will the project result in a reduction in energy use?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 Most of the non-public staff work areas have not been renovated or updated since the late 1960's or early 1970's. Improvements in the physical work environment, including lighting are expected to lead to general productivity improvements.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Central Library Improvements Fund - Interior Segment

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
x				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
x				Does the project increase or enhance recreational opportunities and/or green space?
	x			Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
x				Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
	x			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	x			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

The Central Library is a significant factor in the vitality of the downtown area, the City and regionally. It draws over 500,000 visitors annually. It is on the Historic Register and must be maintained.

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		x		How does the request affect the replacement cycle? Provide specifics below.
	x			Has the facility being replaced exceeded its useful life?
x				Does this project extend the useful life of an existing facility?
	x			Do maintenance costs exceed replacement costs?
	x			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
x				Does the project incorporate new technology that will provide enhanced service?
	x			Does the project extend service for new development or redevelopment?
	x			Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
		x		Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
		x		Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III

Department:	Milwaukee Public Library	Date Submitted:	
Project/Program:	Central Library Improvements Fund - Exterior Segment	Current Request:	\$450,000
Prepared By:	Taj Schoening	6 Yr Total:	\$2,135,650
Dept Head:	Paula Kiely		

General Project/Program Description:
 The work funded through this segment restores, repairs or replaces components of the exterior of the Central Library. This includes the façade composed of limestone block and balusters, Chicago brick, and marble block; windows; lighting; and roofs.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
	x			Does the project directly promote improved health or safety?
	x			Does the project mitigate an immediate risk?

Comments / Other Considerations:
 It is essential that the exterior façade is repaired in order to maintain the materials as well as the underlying wall components. Roof replacement is also essential to prevent deterioration of the underlying structure and interior finishes.

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:
 Preservation and restoration

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
	x			Will the project lead to a reduction in operating costs?
	x			Will the project lead to increased productivity or service improvements?
		x		Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		x		Is there a revenue generating opportunity? (e.g. user fees)
	x		See below.	Will the project result in a reduction in energy use?
		x		Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 Replacement of roofs will allow increased insulation to be added thereby reducing energy consumption. This has not been quantified. Moisture in the interior of walls or ceilings creates potential destruction of structural components. Leaks into the building can damage materials and furniture which will have to be repaired and/or replaced.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Central Library Improvements Fund - Exterior Segment

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
X				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
X				Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
X				Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

The Central Library is a significant factor in the vitality of the downtown area, the City and regionally. It draws over 500,000 visitors annually. It is on the Historic Register and must be maintained.

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

The Library has approached the preservation of this building by systematically repairing/replacing sections rather than trying to do the entire building at once. Given this approach it is very important that progress continue so we avoid further deterioration.

CIC - Capital Improvement Request Part III

Department: Milwaukee Public Library	Date Submitted:
Project/Program: Central Library Improvements Fund - Mechanicals Segment	
Prepared By: Taj Schoening	Current Request: \$1,050,000
Dept Head: Paula Kiely	6 Yr Total: \$6,850,700

General Project/Program Description:
 Replacement and upgrading mechanical equipment and systems that are responsible for the safety and comfort of building occupants: HVAC, electrical, building controls, fire safety, security and elevators.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
x				Does the project directly promote improved health or safety?
	x			Does the project mitigate an immediate risk?

Comments / Other Considerations:
 Fire and security systems are directly linked to the safety of the people using and working in the library.

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
x				Will the project lead to a reduction in operating costs?
x				Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity? (e.g. user fees)
x				Will the project result in a reduction in energy use?
x				Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 Regular replacement of equipment that has reached the end of its useful with new technology provides for lower energy consumption and ongoing repair costs.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Central Library Improvements Fund - Mechanicals Segment

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space?
		x		Will the project mitigate blight?
		x		Does the project target the quality of life of all citizens?
x				Does the project preserve or improve the historical or natural heritage of the City?
		x		Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
x				Does this project extend the useful life of an existing facility?
	x			Do maintenance costs exceed replacement costs?
	x			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
x				Does the project incorporate new technology that will provide enhanced service?
	x			Does the project extend service for new development or redevelopment?
	x			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
		x		Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
		x		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

CIC - Capital Improvement Request Part III

Department:	Milwaukee Public Library	Date Submitted:	
Project/Program:	Branch Library - New Construction		
Prepared By:	Taj Schoening	Current Request:	\$4,300,000
Dept Head:	Paula Kiely	6 Yr Total:	\$17,900,000

General Project/Program Description:
 This is the second year of a six year replacement program for four branch libraries that do not merit renovation. The buildings will be replaced as part of mixed use development specific to each area of the city in which they are located. This plan was approved during the 2014 budget process.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		x		Does the project directly reduce risks to people or property?
		x		Does the project directly promote improved health or safety?
		x		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
x				Will the project lead to a reduction in operating costs?
x				Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity? (e.g. user fees)
x				Will the project result in a reduction in energy use?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
x				Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 There may be a cost to manage vacant buildings, sell property or demolish it. While there is an initial cost the resulting buildings will offer reduced operating costs. If this approach is not taken MPL will have to invest in existing buildings that have reached the end of life for mechanical systems and interiors without achieving the same level of operational savings.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Branch Library - New Construction

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
x				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
x				Does the project increase or enhance recreational opportunities and/or green space?
x				Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
x				Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
x			Housing is possible	Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	x			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		x		How does the request affect the replacement cycle? Provide specifics below.
x				Has the facility being replaced exceeded its useful life?
	x			Does this project extend the useful life of an existing facility?
				Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
x				Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
	x			Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

While the capital investment required for this plan is substantial, the decision must be made of investing in HVAC systems, exterior repairs and interior renovations for buildings that do not meet current community needs or in new buildings that will be energy efficient and highly flexible on into the future. This plan has the support of the Mayor, Budget Office and the Milwaukee Public Library Board of

Yes	No	N/A	Amount	Economic / Community Development
x				Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
x				Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Specific locations will be determined during planning stages.

Yes	No	N/A	Amount	Special Considerations
		x		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III

Department: Milwaukee Public Library
 Project/Program: Branch Library Improvements Fund - Interior Segment
 Prepared By: Taj Schoening
 Dept Head: Paula Kiely

Date Submitted:
 Current Request: \$2,750,000
 6 Yr Total: \$2,750,000

General Project/Program Description:
 The segment provides for preservation and upgrades to the interiors of the branch libraries, including carpeting and renovations. In 2015 the budget provides the final funding for the renovation of Tippecanoe Library.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	x			Does the project directly reduce risks to people or property?
	x			Does the project directly promote improved health or safety?
	x			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
	x			Will the project lead to a reduction in operating costs?
x				Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity? (e.g. user fees)
	x			Will the project result in a reduction in energy use?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 The schedule for replacement of carpet and renovations will continue to be part of the long term maintenance plan.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Branch Library Improvements Fund - Interior Segment

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
x				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
x				Does the project increase or enhance recreational opportunities and/or green space?
		x		Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
		x		Does the project preserve or improve the historical or natural heritage of the City?
		x		Is the project consistent with established community character?
	x			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	x			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

The Area Plans call for intitutional assets that support training, education and long term community involvement which is the role of the public library.

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		x		How does the request affect the replacement cycle? Provide specifics below.
	x			Has the facility being replaced exceeded its useful life?
x				Does this project extend the useful life of an existing facility?
	x			Do maintenance costs exceed replacement costs?
	x			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	x			Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
	x			Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
		x		Will the project rejuvenate an area that needs assistance?
				Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

This is the final piece of funding for renovation of the Tippecanoe Library. The design and bid specifications are expected to be completed by the end of 2014 with construction taking place in 2015.

CIC - Capital Improvement Request Part III

Department: Milwaukee Public Library	Date Submitted:
Project/Program: Branch Library Improvements Fund - Exterior Segment	
Prepared By: Taj Schoening	Current Request: \$0
Dept Head: Paula Kiely	6 Yr Total: \$400,000

General Project/Program Description:
 Restoration, repair and replacement of exterior façade components, signage, lighting, parking lots and roofs are addressed in the segment. The condition of these components must be maintained to extend the useful life of the buildings and grounds.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
	x			Does the project directly promote improved health or safety?
	x			Does the project mitigate an immediate risk?

Comments / Other Considerations:
 Tippecanoe and Zablocki roofs will be 31 and 28 years old, respectively in 2020. It is essential that they be replaced.

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
	x			Will the project lead to a reduction in operating costs?
	x			Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity? (e.g. user fees)
x			Not significant.	Will the project result in a reduction in energy use?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 Replacement of the roofs will protect against damage due to leaks.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Branch Library Improvement Fund - Exterior Segment

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
		x		Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
x				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
x				Does the project increase or enhance recreational opportunities and/or green space?
		x		Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
	x			Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
	x			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
x				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
Replacement roofing systems will utilize materials considered "cool roof".				
Yes	No	N/A	Amount	
		x		Infrastructure - Primarily recurring infrastructure and facility preservation programs
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
x				Does this project extend the useful life of an existing facility?
	x			Do maintenance costs exceed replacement costs?
	x			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	x			Does the project incorporate new technology that will provide enhanced service?
	x			Does the project extend service for new development or redevelopment?
	x			Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
If replacement of exterior components is delayed it will continue to deteriorate and could lead to the need for emergency repairs.				
Yes	No	N/A	Amount	
		x		Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
	x			Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
		x		Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Yes	No	N/A	Amount	
		x		Special Considerations
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
	x			Are there Inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				

CIC - Capital Improvement Request Part III

Department:	Milwaukee Public Library	Date Submitted:	
Project/Program:	Branch Library Improvements Fund - Mechanical Segment	Current Request:	\$0
Prepared By:	Taj Schoening	6 Yr Total:	\$0
Dept Head:	Paula Kiely		

General Project/Program Description:
 Replacement and upgrading mechanical equipment and systems that are responsible for the safety and comfort of building occupants: HVAC, electrical, building controls, fire safety, security and elevators.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
	x			Does the project directly promote improved health or safety?
	x			Does the project mitigate an immediate risk?

Comments / Other Considerations:
 Fire and security systems are critical to the safety of people using the buildings.

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
x				Will the project lead to a reduction in operating costs?
x				Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity? (e.g. user fees)
x				Will the project result in a reduction in energy use?
x				Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 This program involves the regular replacement of aging equipment with new technology which lowers energy use and ongoing repair costs. If libraries are not replaced we will have to invest in new systems over the next several years.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Branch Library Improvements Fund - Mechanicals Segment

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
x				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
x				Does the project increase or enhance recreational opportunities and/or green space?
		x		Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
		x		Does the project preserve or improve the historical or natural heritage of the City?
		x		Is the project consistent with established community character?
	x			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

The Area Plans call for institutional assets that support training, education and long term community development, such as public libraries.

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
x				Does this project extend the useful life of an existing facility?
	x			Do maintenance costs exceed replacement costs?
	x			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
x				Does the project incorporate new technology that will provide enhanced service?
				Does the project extend service for new development or redevelopment?
				Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Replacement of mechanical equipment that has reached the end of its life cycle is critical to continued operation. Deferral of these projects risks emergency repair costs.

Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
		x		Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

If the equipment is not replaced it will break down and there will be no heating or cooling the building which will necessitate closing to the public for an undetermined amount of time.



**CITY OF MILWAUKEE
MUNICIPAL COURT**

Phillip M. Chavez, Presiding Judge
Branch 3

Valarie A. Hill, Judge
Branch 1

Derek C. Mosley, Judge
Branch 2

Sheldyn M. Himle
Chief Court Administrator

Jane E.T. Islo
Assistant Court Administrator

March 21, 2014

Budget Office
City Hall – Room 603

RE: 2015 Capital Improvements Request

Attached are the Capital Improvement Request forms for the current improvement project needed by Municipal Court over the next two years: CATS and website upgrade. This was first submitted for consideration in 2012, during the 2013 Budget process, and again in 2013, during the 2014 Budget process.

There is one change to the request: we were able to purchase the uniPaaS 2.0 software at the end of 2013 and the upgrade will be completed during 2014. This lowers the overall estimate for remaining work by \$48,000.

Thank you for consideration and continued support of this mission-critical request.

Please let me know if there is anything further you need from me at any time.

Sheldyn M. Himle
Chief Court Administrator

/smh

cc: Judge Phillip M. Chavez, Presiding
Kathy Brengosz, CIC Staff
Eric Pearson, Budget Officer

Jane Islo, Asst. Ct. Admin.
Chaka McGhee, Network Mgr.
Mary O'Connor, Admin. Serv. Supv.

Capital Improvement Request Form Part I

Project/Program Title: CATS and Website Upgrade

Requesting Department: Municipal Court

Prepared By/Phone Ext: Chaka McGhee / 3836

Department Head Signature: *Richard J. M. Kinde*

Account No: _____

A) Department Priority 1 of 1 Useful Life 10 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 2

D) Total Positions 0 Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

In 2015, the current CATS application will have reached its 10-year life expectancy and, as the Court's most mission critical system, will have essential need for a major upgrade. A significant focus of the upgrade will be migrating CATS to a browser-based platform, which will provide multiple benefits. First, a browser-based application would not have the same workstation software requirements, which will reduce the costs associated with purchasing, maintaining and supporting such software. Second, web-based functionality would make CATS usable by a broader audience, including other City departments and contractors which must now rely on a virtual private network connection to run the application. Finally, and perhaps most importantly, a web-based version of CATS would expand accessibility outside of the City's network and allow its use (with the appropriate credentials) via the Internet, thereby allowing the Court to conduct more effective community court sessions. At the same time, the Court's website will require a comprehensive review and update to employ the latest technology and platforms.

G) Additional Comments

This year's estimate is \$48,000 lower than last year's: uniPaaS 2.0 software was purchased in 2013 and the upgrade will be completed this year. The project still includes \$50,000 for project planning costs (based on a 2007 study of similar subject & length), \$440,000 for two years of project management (based on similar work performed for system replacement project 2008-2011), \$200,000 for 1 year of supplemental programmer assistance (based on similar costs during 2008-2011), \$50,000 for website development services (based on the costs associated with 2011 redesign) and a 20% contingency. It is important to emphasize that - while we periodically seek new cost estimates - these costs are ESTIMATES ONLY and subject to changes outside our control, as we proceed. We are beginning work on the RFI and moving toward confirming all anticipated costs.

BMD-100

Capital Improvement Request Part II

Requesting Department: Municipal Court

Project/Program Title: CATS and Website Upgrade

Account No: _____

Special Assessment _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Enterprise	Special Assessment	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$504,000					\$504,000
2016 Projection	\$384,000					\$384,000
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$888,000	\$0	\$0	\$0	\$0	\$888,000
Total Project Cost	\$888,000	\$0	\$0	\$0	\$0	\$888,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/16

Department Head Signature

Prepared By/Phone Ext

Chaka McGhee / 3836

CIC - Capital Improvement Request Part III

Department:	Municipal Court	Date Submitted:	3/21/2014
Project/Program:	CATS and Website Upgrade	Current Request:	\$504,000
Prepared By:	Chaka McGhee	6 Yr Total:	\$888,000
Dept Head:	<i>Anthony M. Heinele</i>		

General Project/Program Description:
 Upgrade of the Court's case management information system - the case Automated Tracking System (CATS) - along with the public query website.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		x		Does the project directly reduce risks to people or property?
		x		Does the project directly promote improved health or safety?
		x		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
	x			Will the project lead to a reduction in operating costs?
x				Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity? (e.g. user fees)
	x			Will the project result in a reduction in energy use?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 An upgrade to CATS and the Court's website will avoid ongoing lifecycle costs associated with maintaining an older, outdated application and website. In addition, a major upgrade to CATS will incorporate improvements to system functionality, information processing and overall customer service.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: CATS and Website Upgrade

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
		x		Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space?
		x		Will the project mitigate blight?
		x		Does the project target the quality of life of all citizens?
		x		Does the project preserve or improve the historical or natural heritage of the City?
		x		Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
Yes	No	N/A	Amount	
x				Infrastructure - Primarily recurring infrastructure and facility preservation programs
				How does the request affect the replacement cycle? Provide specifics below.
x				Has the facility being replaced exceeded its useful life?
	x			Does this project extend the useful life of an existing facility?
	x			Do maintenance costs exceed replacement costs?
	x			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
x				Does the project incorporate new technology that will provide enhanced service?
	x			Does the project extend service for new development or redevelopment?
	x			Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
An upgrade to CATS and the Court's website is in keeping with the planned replacement cycle for these applications. By 2015, the current version of CATS will have reached its expected 10-year lifespan. At the same time, advances in web design and development will quickly age the current site, which may be incompatible with technologies and devices on the market then.				
Yes	No	N/A	Amount	
	x			Economic / Community Development
	x			Does the project have the potential to promote economic/community development in areas where growth is desired?
	x			Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
	x			Would an alternate location for this project provide a greater positive economic impact?
	x			Will the project produce desirable jobs in the City?
	x			Will the project rejuvenate an area that needs assistance?
	x			Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
By migrating to a browser-based application that expands and enhances remote access to CATS, the opportunities for community court sessions will result in a very positive impact for the City. While this may not be measured in dollars, it is a vital part of the Court's mission and represents a significant and meaningful way to improve Court accessibility to the public.				
Yes	No	N/A	Amount	
		x		Special Considerations
		x		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		x		Are there critical timing issues associated with this project?
		x		Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
While not specifically quantifiable, there is inherent risk in running the Court's mission-critical business application in an outdated, under-supported environment. A comprehensive review and upgrade of the database and underlying application programming is essential to ensure continued function and efficiency, and to avoid any negative impact on operations.				



Department of Neighborhood Services
Inspectional services for health, safety and neighborhood improvement

Art Dahlberg
Commissioner
Thomas G. Mishefske
Operations Manager

Date: March 20, 2014

To: Capital Improvement Committee, Ald. Nik Kovac Chair
Staff Assistant Kathy Brengosz

To: Budget Office, Room 603
Eric Pearson, Budget Analyst

AD
From: Art Dahlberg, Commissioner

Re: 2015 Capitol Improvement Request
1. Conversion of the Anderson Water Tower Garage
2. Relocation of Manager's offices at the Development Center
3. Conversion of permit records to scanned documents

For the 2015 budget, DNS is submitting the attached capital improvement requests.

Attachments



Capital Improvement Request Form Part I

Project/Program Title: Conversion of Anderson Water Tower Garage

Requesting Department: Dept. of Neighborhood Services

Prepared By/Phone Ext: Tom Mishefske 286-2548

Department Head Signature: *Alta Wahlberg*

Account No: _____

A) Department Priority 1 of 3 Useful Life 20 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This proposal has been necessitated by the increase in DNS staff over the last three years. In the last 4 budget years, DNS has added 13 new full time positions at the Anderson Water Tower Office. An additional 4 positions were moved from our downtown office to create the new Special Enforcement Division. These staff increases were necessitated by the increased number of foreclosures in the City and DNS's commitment to monitor these properties. Additionally, new programs such as the Residential Rental Inspection program and the Vacant Building program lead to increases in inspection and management staff. During the last three years DNS has reconfigured our two offices (1st Floor ZMB and the Anderson Building) to maximize the use of the available space. A portion of our office space on the 10th floor of the Zeidler Building has been taken over by the Unified Call Center. The additional office space at the tower will enable DNS to accommodate our growing staff.

G) Additional Comments

The conversion of the Anderson Water Tower garage to finished office space. The existing unfinished attached garage space is approximately 2,304 sf. The space would be converted to finished office space to accommodate 25-27 staff. The conversion would include removal of the existing overhead garage door and opening. Installation of an additional entryway from the garage to existing 1st floor office area. Installation of addition HVAC, electrical wiring and lighting, communication and computer wiring, doorways, office spaces, interior finishes, (i.e. drywall, ceiling tiles, carpeting, window coverings, etc.). In addition, interior furnishings would be needed to create work spaces for staff, (i.e. cubicles, desks, chairs, file cabinets, copy machine/fax/scanner, etc.). The 2nd floor of the building would also be reconfigured to create additional office space. Note: This work to include abandonment of subterranean chamber below garage floor. The underground vault's floor shall be penetrated to allow for drainage and the space will be completely filled.

Capital Improvement Request Part II

Requesting Department: Dept. Of Neighborhood Services

Project/Program Title: Conversion of Anderson Water Tower Garage

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$650,000					\$650,000
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$650,000	\$0	\$0	\$0	\$0	\$650,000
Total Project Cost	\$650,000	\$0	\$0	\$0	\$0	\$650,000

Life to Date Expenditures (Project Only)	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

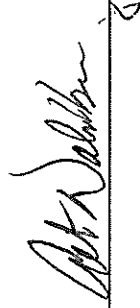
- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
 - Limited Information
 - Based on Cost of Similar Projects
 - Unsupported
- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 03/01/15

Estimated Completion Date: 12/31/15

Department Head Signature



Prepared By/Phone Ext

Tom Mishefske x2548

CIC - Capital Improvement Request Part III

Department:	Neighborhood Services	Date Submitted:	3/20/2014
Project/Program:	Conversion of Anderson Water Tower Garage		
Prepared By:	Tom Mishefske	Current Request:	\$650,000
Dept Head:	Art Dahlberg	6 Yr Total:	

General Project/Program Description:

This request is needed to create additional office space at the Anderson Water Tower building. The alterations will add approximately 25-27 new work stations for code enforcement staff.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
X			Office furnishings	Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Conversion of Anderson Water Tower Garage

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
X				Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				
DNS has outgrown its limited office space. We no longer have enough space to accommodate our staff. Delay in approval of this request will force DNS to seek alternative office locations (public or private).				



Department of Public Works
Infrastructure Services Division

Ghassan Korban
Commissioner of Public Works
Preston D. Cole
Director of Operations
Jeffrey S. Polenske
City Engineer

March 2, 2012

Mr. Art Dahlberg, Commissioner of Neighborhood Services
841 N. Broadway, Room 104
Milwaukee, Wisconsin 53202

Dear Mr. Dahlberg:

Subject: 2013 Capital Budget Estimate
RA Anderson Water Tower and Municipal Building
1st Floor Garage Remodeling into Office Space
2nd Floor Office Remodeling

The following is in response to your request to provide a Capital Budget Estimate for the subject remodeling. This project includes converting the 1st Floor NW garage into office space consisting of two management offices, and an additional 26 inspector work stations. It was found to be infeasible to cut a large opening into the space which would impact the stairs, so a build out to provide access was included in lieu of this. The project also includes remodeling the second floor, adding two manager offices, and providing stations for 20 inspectors and 5 clerical staff.

Remodeling of the garage portion consists of providing electrical, lighting, data and telephone service, new suspended acoustical ceiling, new offices, HVAC upgrades, life safety modifications, a new build-out for exiting, removal of the overhead door and man door to the outside, leveling of concrete, capping of drains, new carpet and new systems furnishings.

Remodeling for the 2nd floor consists of providing electrical, lighting, data and telephone modifications, new offices, HVAC upgrades, life safety modifications and new and reconfigured systems furnishings stations.

The project costs are as follows:

<u>1st Floor Garage Portion Remodeling, including contingencies</u>	\$ 382,000
Design	\$ 52,500
Administration/Inspection	\$ 30,500
Total garage remodeling	\$ 465,000
<u>2nd Floor Remodeling, including contingencies</u>	\$ 191,000
Design	\$ 19,200
Administration/Inspection	\$ 15,300
Total 2 nd floor office remodeling	\$ 225,500

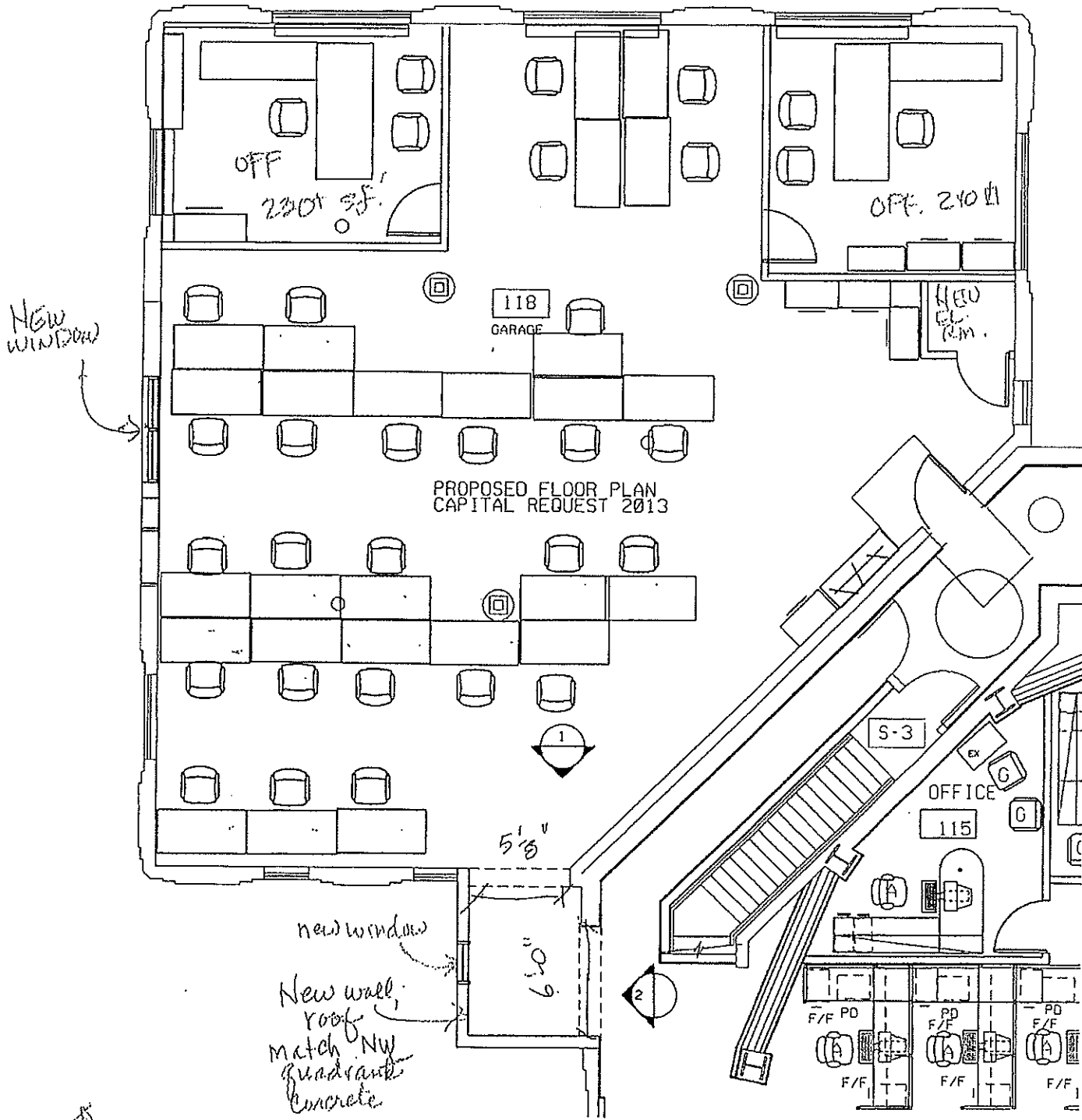
Sincerely,

Venu J. Gupta
Director, Facilities Development and Management
DPW Infrastructure Services

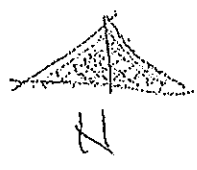
BK:

cc: Venu J. Gupta
Paul Fredrich
Thomas Tarkowski
Michael Krause
Babette Kis
Central File

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PROPOSED FLOOR PLAN
CAPITAL REQUEST 2013



2013 CAPITAL REQUEST
PROPOSED FLOOR PLAN

Capital Improvement Request Form Part I

Project/Program Title: Relocation of Manager's offices at the Development Center

Requesting Department: Dept. of Neighborhood Services

Prepared By/Phone Ext: Tom Mishefske 286-2548

Department Head Signature: *Tom Mishefske*

Account No: _____

A) Department Priority 2 of 3 Useful Life 20 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions N/A Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This project will create two new enclosed offices at the southeast corner of the Development Center space. The new offices will enable the current management staff to be relocated to the front counter area. The new location will enable management to have direct line of vision to the front counter, cashier and customer service areas. This will improve management's ability to monitor activities at the front counter to better manage operations. Currently the manager's offices are located in the back (west) area and managers cannot see or hear what is taking place in the customer area. Moving managers to the front will enable them to see the customers and their interactions with staff. They are in a better position to monitor peak customer volume and assign additional staff, assist staff in answering customer's questions, assist in problem solving, provide technical assistance, monitor staff interactions with customers, monitor activities at the cashier station, and monitor security.

G) Additional Comments

The current location of manager offices in the back area of the Development center makes little sense. Part of a manager's job is to be involved in the day to day activities of the operation. Moving the managers to the front counter area and creating offices that allow a direct line of vision will improve customer service.

Capital Improvement Request Part II

Requesting Department: Dept. of Neighborhood Services

Project/Program Title: Relocation of Manager's offices at the Development Center

Account No:

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$81,500					\$81,500
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$81,500	\$0	\$0	\$0	\$0	\$81,500
Total Project Cost	\$81,500	\$0	\$0	\$0	\$0	\$81,500

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0
-----	-----	-----	-----	-----	-----

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source?

- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain

Are cost estimates based on industry standards?

Will city employees be performing any portion of the work?

Did you perform a cost/benefit analysis?

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 04/01/15

Estimated Completion Date: 04/01/16

Department Head Signature



Prepared By/Phone Ext

Tom Mishefske 286-2548

CIC - Capital Improvement Request Part III

Department: Dept. of Neighborhood Services	Date Submitted: 3/20/2014
Project/Program: Relocation of Manager's offices at the Development Center	
Prepared By: Tom Mishefske 286-2548	Current Request: \$81,500
Dept Head: Art Dahlberg	6 Yr Total:

General Project/Program Description:

Creating two new manager offices in the southeast floor area of the Development Center. This will require the installation of solid walls, doors and windows. It will also be necessary to relocate plan examiner work stations to the back (west) floor area.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety ?
		X		Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate ?
		X		Does the project promote long-term regulatory compliance ?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
	X			Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs ?
X				Will the project lead to increased productivity or service improvements ?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity ? (e.g. user fees)
	X			Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

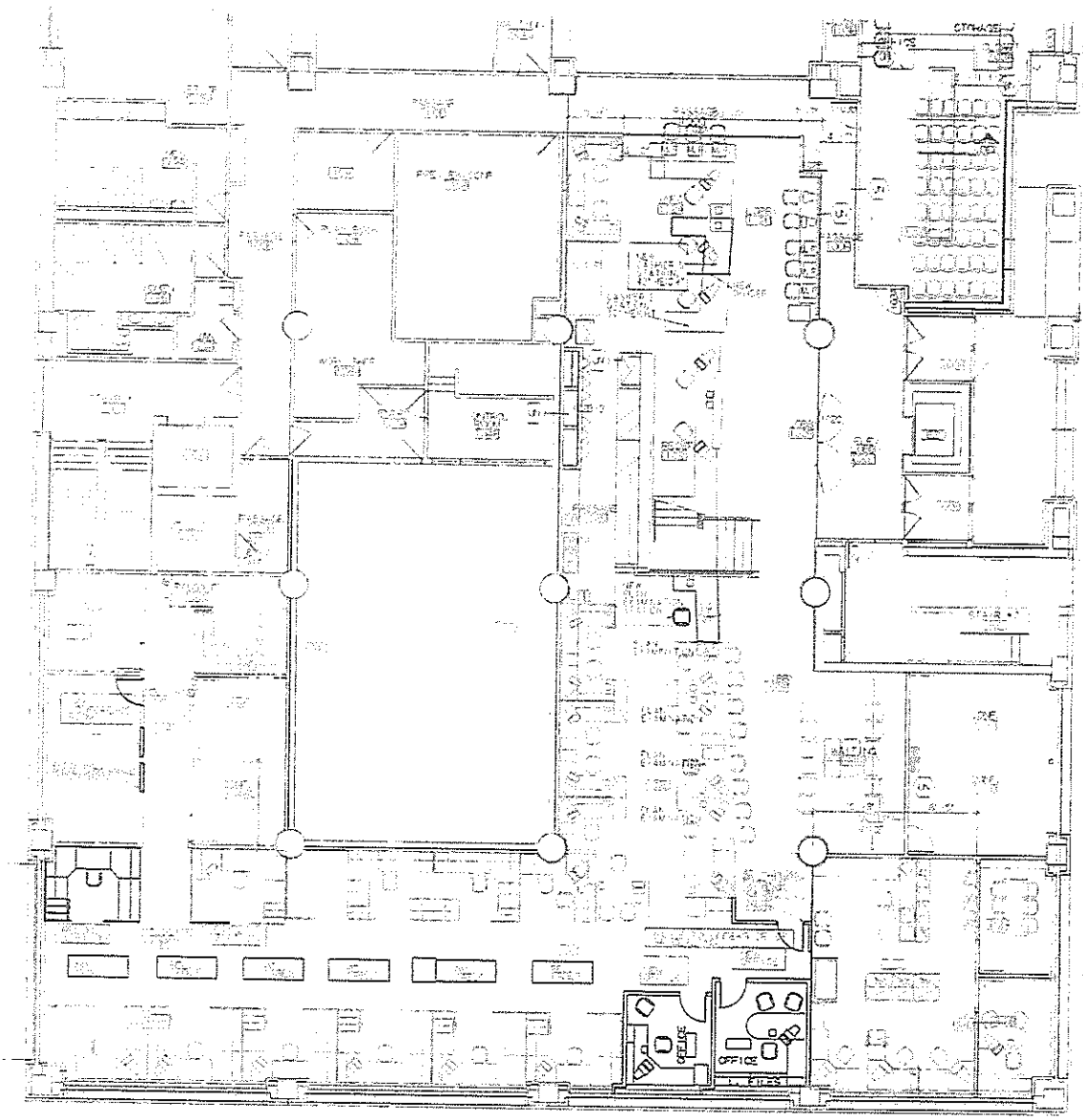
We anticipate the relocation of the managers to the front customer service area will improve customer service. These new offices will enable the managers to see what's going on at the front counter allowing them to quickly react to customer service issues.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: _____

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
				Does the project increase or enhance recreational opportunities and/or green space?
				Will the project mitigate blight?
				Does the project target the quality of life of all citizens?
				Does the project preserve or improve the historical or natural heritage of the City?
				Is the project consistent with established community character?
				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
				How does the request affect the replacement cycle? Provide specifics below.
				Has the facility being replaced exceeded its useful life?
				Does this project extend the useful life of an existing facility?
				Do maintenance costs exceed replacement costs?
				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
				Does the project incorporate new technology that will provide enhanced service?
				Does the project extend service for new development or redevelopment?
				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
				Does the project have the potential to promote economic/community development in areas where growth is desired?
				Will the project continue to promote or enhance economic/community development in an already developed area?
				Is the net impact of the project positive?
				Would an alternate location for this project provide a greater positive economic impact?
				Will the project produce desirable jobs in the City?
				Will the project rejuvenate an area that needs assistance?
				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
				Are there critical timing issues associated with this project?
				Are there inter-jurisdictional considerations?
				Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				



PLAN EXAM NEW

Capital Improvement Request Form Part I

Project/Program Title: Conversion of permit records to scanned images

Requesting Department: Dept. of Neighborhood Services

Prepared By/Phone Ext: Tom Mishefske 286-2548

Department Head Signature: *Alta*

Account No: _____

A) Department Priority 3 of 3 Useful Life 100+ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 3 Year Plan

D) Total Positions N/A Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The DNS Development Center is the custodian of more than 7.7 million permit and property records dating back more than 100 years. The great majority of these records are on microfilm; the film is stored in a massive piece of equipment installed on the first floor of the 809 building, the "Lektriever." (Prior to 2000, when the Development Center opened in the 809 building, the Lektriever was installed on the 10th floor of the Zeidler Building within DNS.)

Customers come daily to the Development Center to retrieve information from these microfilmed permit records. The Development Center also owns several microfilm viewers used by customers and staff (including DNS inspectors) to view filmed records and print paper copies. Both microfilmed property records and the Lektriever represent a classic technology that has been replaced by electronic imaging. In the case of the Lektriever, the equipment has experienced breakdowns with increasing frequency. There is a company (Naviant) that services the equipment, but parts are difficult to access, and the writing is pretty much on the wall with respect the life of the Lektriever. It's not going to last forever.

G) Additional Comments

DNS believes the transfer of microfilmed records to electronic format is an appropriate and timely complement to the implementation of the new Land Management System, and urge you to consider inclusion of at least start-up funds for this project in the 2015 capital budget. Since the City records office installed a scanning system some years ago, all new permit records and associated documents have been scanned, and are available through the City's eVault system. Any permits created by the ePermit system are available online as well as through eVault. This proposal is to begin a 3 year project to convert the 7.7 million records to electronic format which will: 1) Eliminate costs and downtime associated with the maintenance and repair of the Lektriever and microfilm reader/printers. 2) Provide a single format for all permit and property records. 3) Enable City staff and customers to access permit and property records online, dramatically reducing the time required for records research by inspectors and record search involvement by Development Center staff.

Capital Improvement Request Part II

Requesting Department: Dept. of Neighborhood Services

Project/Program Title: Conversion of permit records to scanned images

Account No:

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$500,000					\$500,000
2016 Projection	\$500,000					\$500,000
2017 Projection	\$500,000					\$500,000
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000
Total Project Cost	\$1,500,000	\$0	\$0	\$0	\$0	\$1,500,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0	\$0
-----	-----	-----	-----	-----	-----	-----

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
 - Limited Information
 - Based on Cost of Similar Projects
 - Unsupported
- Were cost estimates confirmed by another source?
 Are cost estimates based on industry standards?
 Will city employees be performing any portion of the work?
 Did you perform a cost/benefit analysis?

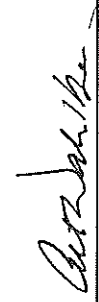
How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 07/01/15

Estimated Completion Date: 07/01/18

Department Head Signature



Prepared By/Phone Ext

Tom Mishefske 286-2548

CIC - Capital Improvement Request Part III

Department:	Dept. of Neighborhood Services	Date Submitted:	3/20/2014
Project/Program:	Conversion of permit records to scanned images		
Prepared By:	Tom Mishefske 286-2548	Current Request:	\$1,500,000
Dept Head:	Art Dahlberg	6 Yr Total:	

General Project/Program Description:

The DNS Development Center is the custodian of more than 7.7 million permit and property records dating back over 100 years. The great majority of these records are on microfilm; the film is stored in a massive piece of equipment at 809 building, the "Lektriever." This device is reaching the end of its useful life and ongoing maintenance of this equipment is cost prohibitive. Customers come to the Development Center daily to research property records. Staff also utilize these records daily. We need to move these records to an electronic format to preserve the records and also make them more readily available to our customers and staff.

Whenever possible, **please quantify the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety ?
		X		Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate ?
		X		Does the project promote long-term regulatory compliance ?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
X				What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs ?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs ?
X				Will the project lead to increased productivity or service improvements ?
		X		Will the facility require significant annual maintenance ?
				Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity ? (e.g. user fees)
		X		Will the project result in a reduction in energy use ?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations ?
		X		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

This project will eliminate the ongoing cost to maintain the Lektriever and viewing equipment and free up the space required to store the physical records. It will also reduce the staff time needed to access the records for internal use. By making these records available online it will provide improved customer service. Customers will no longer have to come to the Development Center to access the records and this will reduce staff time needed assisting customers.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Conversion of permit records to scanned images

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
X				Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
The permit and property records will be preserved for both City & public use for generations to come.				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
The Lektriever, the microfilm viewers/printers and the microfilm records are old technology. These devices are difficult to maintain and/or replace. This project will make historical permit and property records readily available.				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
				Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				

Mishefske, Thomas

From: Dahlberg, Art
Sent: Wednesday, March 19, 2014 12:52 PM
To: Mishefske, Thomas
Subject: FW: Converting microfilmed permit records to scanned images

From: MBROWN On Behalf Of Brown, Martha
Sent: Friday, August 10, 2012 2:41 PM
To: Nicolini, Mark; Dahlberg, Art
Cc: Rute, Chris; Yaccarino, Dennis
Subject: Converting microfilmed permit records to scanned images

Dear Mark and Art:

As the budget office continues to refine the 2013 budget request, I want to bring the following matter to your attention, and suggest that you consider a capital budget allocation to DNS in 2013 to deal with it. I mentioned this at a DCD AIM meeting before the Development Center administration transfer was proposed, but did not have figures in time to include this in our department's capital budget request.

The Development Center is the custodian of more than 7.7 million permit and property records dating back more than 100 years. Responsibility for those records will transfer to DNS when the Development Center becomes part of DNS.

The great majority of these records are on microfilm; the film is stored in a massive piece of equipment installed on the first floor of the 809 building, the "Lektriever." (Prior to 2000, when the Development Center opened in the 809 building, the Lektriever was installed on the 10th floor of the Zeidler Building within DNS.)

Customers come daily to the Development Center to retrieve information from these microfilmed permit records. The Development Center also owns several microfilm viewers used by customers and staff (including DNS inspectors) to view filmed records and print paper copies.

Both microfilmed property records and the Lektriever represent a classic technology that has been replaced by electronic imaging. In the case of the Lektriever, the equipment has experienced breakdowns with increasing frequency. There is a company (Naviant) that services the equipment, but parts are difficult to access, and the writing is pretty much on the wall with respect to the life of the Lektriever. It's not going to last forever.

Since the City records office installed a scanning system some years ago, all permit records and associated documents have been scanned, and are available through the City's eVault system. Any permits created by the ePermit system are available online as well as through eVault.

I asked Chris Rute to do some research on the cost of converting the 7.7 million document images to an electronic format, and indexing them so they could be retrieved online. Naviant estimates that the cost of scanning and indexing is about \$0.20/image, resulting in a total estimated cost somewhat in excess of \$1.5 million. Some additional investment in the software that powers the City's eVault system would allow all electronic permit records to be viewed online.

Chris notes that the conversion of microfilmed documents to indexed electronic formats would:

- 1) Eliminate costs and downtime associated with the maintenance and repair of the Lektriever and microfilm reader/printers.
- 2) Provide a single format for all permit and property records.
- 3) Enable City staff and customers to access permit and property records online, dramatically reducing the time required for records research by inspectors and record search involvement by Development Center staff.

Chris believes this project could be done over several years, reducing the annual capital budget impact.

I believe the transfer of microfilmed records to electronic format is an appropriate and timely complement to the implementation of the new Land Management System, and urge you to consider inclusion of at least start-up funds for this project in the 2013 capital budget.

Thank you for your consideration.

Martha

Martha L. Brown
Deputy Commissioner
Dept. of City Development
809 N. Broadway
Milwaukee, WI 53202
414-286-5810
mbrown@milwaukee.gov
<http://city.milwaukee.gov/DCD>

Capital Improvement Request Form Part I

Project/Program Title: Radio & Communications Upgrades Requesting Department: Milwaukee Police Department
 Prepared By/Phone Ext: Daniel Rotar/Budget Manager/935-7452 Department Head Signature: *Edward A. [Signature]*
 Account No: PL120120200 and PL120130200

A) Department Priority 1 of 10 Useful Life 10 to 15 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 2015 Request \$365,000 for site located at Greenfield Water Tank and Bayside/Whitefish Bay Water Tower. The current Harris OpenSky Radio System was designed to provide good coverage throughout the City of Milwaukee and currently meets the minimum signal reliability that MPD contracted with Harris. The original design of the OpenSky Radio System was designed for a land area classification of "Light Residential" when a more appropriate classification would have been "Mixed Urban/Building". With the addition of more Radio Sites and adding In-Building Amplifiers in public buildings such as hospitals and schools the OpenSky Radio System will achieve reliable system performance that a public safety radio system should provide in an urban environment such as Milwaukee. This initiative will improve in-building radio coverage and ensure better radio signal strength in areas throughout the city that are affected by land clutter. Buildings and land clutter will degrade radio signals depending on the type of clutter and building materials.

G) Additional Comments
 (cont) The original proposal from MPD required a 95% Validated Area Reliability Coverage based on a design for Light Building (12dB). The original design by MPD was under designed and should have required a 99% Validated Area Reliability Coverage while utilizing a design for medium to heavy structures (20dB). Police Radios are the single most important tool to a Police Officer and more critical to their safety than their gun. The MPD averages more than 5 million push-to-talk communications on their radios per month. The 2014 Capital Budget included \$365,000 for a site in District 6 (Greenfield Water Tank Site).

Capital Improvement Request Part II

Requesting Department: Milwaukee Police Department

Project/Program Title: Radio & Communications Upgrades

Account No: PL120120200 & PL120130200

Special Assessment Revenue

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$783,068					\$783,068
2015 Budget Request	\$365,000					\$365,000
2016 Projection	\$150,000					\$150,000
2017 Projection	\$150,000					\$150,000
2018 Projection	\$150,000					\$150,000
2019 Projection	\$150,000					\$150,000
2020 Projection	\$150,000					\$150,000
Total Six Year Cost	\$1,115,000	\$0	\$0	\$0	\$0	\$1,115,000
Total Project Cost	\$1,898,068	\$0	\$0	\$0	\$0	\$1,898,068

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$328,932
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Available Cost Estimate:

Thorough Cost Estimate	2015	2016	2017	2018	2019	2020
Limited Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source?

- Yes No Uncertain
 Yes No Uncertain
 Yes No Uncertain
 Yes No Uncertain

Are cost estimates based on industry standards?

Will city employees be performing any portion of the work?

Did you perform a cost/benefit analysis?

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: Ongoing-Started in early 2012

Estimated Completion Date: 12/31/15; Ongoing out-years

Department Head Signature



Prepared By/Phone Ext

Daniel Rotar, Budget Manager 935-7452

CIC - Capital Improvement Request Part III

Department:	Milwaukee Police Department	Date Submitted:	3/21/2014
Project/Program:	Radio & Communications Upgrades		
Prepared By:	Daniel Rotar/Budget Mgr/935-7452	Current Request:	\$365,000
Dept Head:	Chief Edward A. Flynn	6 Yr Total:	\$1,115,000

General Project/Program Description:

Improve Harris OpenSky Digital Radio System infrastructure transmission signal strength, particularly inside public buildings such as hospitals and schools. Other improvements to radio and communications infrastructure including equipment rooms, antenna arrays, amplifiers/repeaters and other communications facilities.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Police radio communications are essential to public safety and officer safety. Police radio communications allow rapid response to emergent public safety incidents and communications between officers from routine patrol to investigations and emergency response.

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
X				Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

The digital radio system was installed in response to a federal government mandate regarding radio frequency use (shift to narrow band communications). To continue compliance with this mandate, the system's infrastructure must be properly maintained and upgraded where necessary.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction in energy use?
		X		Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Radio & Communications Upgrades

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Police operations improve quality of life. In additions, communications system is used by other City agencies and affiliates (including DPW, Fire, Water, Parking) providing services to residents.

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
X				How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		facility?
X				Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

New replacement cycles are being compiled for the digital radio system and related infrastructure. Previous system components have exceeded their predicted lifespan; replacement will support digital communications system.

Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Communications coverage city-wide. Benefits entire city.

Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
X				Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
Communication infrastructure components support inter-jurisdictional communications and regional inter-operability. Federal government requires shift to narrow band communications systems.				

Capital Improvement Request Form Part I

Project/Program Title: RMS System
 Prepared By/Phone Ext: Daniel Rotar/Budget Mgr/935-7452
 Account No: PL120130300

Requesting Department: Milwaukee Police Department
 Department Head Signature: *Edward A. Dign...*

A) Department Priority 2 of 10 Useful Life 10 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 4

D)

Total Positions	Total FTEs			
Position Title _____	No. of Positions _____	FTEs _____	Salaries \$ _____	
_____	_____	_____	\$ _____	
_____	_____	_____	\$ _____	

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This project will implement a state-of-the-art law enforcement records management system (RMS) at the City of Milwaukee Police Department (MPD). The new RMS will allow MPD to better meet its needs as a data-driven policing organization. The RMS will be build on a relational database with properly structured data elements to support searching and reporting. The user interface will be user-friendly, with such features as field validation, smart-suggestion, and context-sensitive help. The new RMS will be capable of interfacing with a number of external systems to minimize duplicate data entry and improve the accessibility of data from disparate sources. The intention is to employ solutions that adhere to industry standards to prolong the life of the system and improve compatibility with other systems.

G) Additional Comments

(1) Proposals are currently being evaluated by City Representatives. It is anticipated that the contract will be awarded in late July or early August 2014. (2) Remaining Balance for 2014 includes \$271,200 2011 PL120110300 Tiburon RMS VMP Upgrade appropriation and 2013/14 PL120130300 RMS System appropriations (\$500,000 and \$1,400,000).

Capital Improvement Request Part II

Requesting Department: Milwaukee Police Department Account No: PL120130300
 Project/Program Title: RMS System

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$2,171,200					\$2,171,200
2015 Budget Request	\$4,000,000					\$4,000,000
2016 Projection	\$1,682,800					\$1,682,800
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$5,682,800	\$0	\$0	\$0	\$0	\$5,682,800
Total Project Cost	\$7,854,000	\$0	\$0	\$0	\$0	\$7,854,000

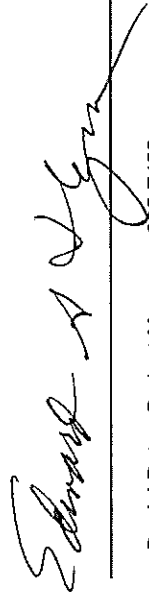
Life to Date Expenditures (Project Only) 2015 2016 2017 2018 2019 2020 Total

Available Cost Estimate:						
Thorough Cost Estimate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/13
 Estimated Completion Date: 12/31/16


 Department Head Signature
 Prepared By/Phone Ext Daniel Rotar, Budget Manager 935-7452

CIC - Capital Improvement Request Part III

Department: Milwaukee Police Department	Date Submitted: 3/21/2014
Project/Program: RMS System	
Prepared By: Daniel Rotar/Budget Manager/935-7452	Current Request: \$4,000,000
Dept Head: Chief Edward A. Flynn	6 Yr Total: \$5,682,800

General Project/Program Description:

Implement a state-of-the-art law enforcement Records Mgmt System. The new RMS will allow MPD to better meet its needs as a data-driven policing organization. The RMS will be built on a relational database with properly structured data elements to support searching and reporting. The RMS will be user-friendly & minimize duplicate entry.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?
<u>Comments / Other Considerations:</u>				

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?
<u>Comments / Other Considerations:</u>				

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?
<u>Comments / Other Considerations:</u>				

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: RMS SYSTEM

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
X				Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Capital Improvement Request Form Part I

Project/Program Title: Remodel Administration Building Offices

Requesting Department: Milwaukee Police Department

Prepared By/Phone Ext: Daniel Rotar/Budget Manager/935-7452

Department Head Signature: *Edward A. [Signature]*

Account No: PL12080700

A) Department Priority 3 of 10 Useful Life 30 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other See Below

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D)

Total Positions	Total FTEs	Position Title	No. of Positions	FTEs	Salaries	\$
_____	_____	_____	_____	_____	_____	_____
		_____	_____	_____	_____	_____
		_____	_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The Police Administration Building was built in 1970 and has worn/failing infrastructure. Further, building layout needs have changed substantially over the last 40 years. In 2010, an exhaustive building systems analysis and space needs planning study was conducted by Eppstein Uhen Architects. Based on that study, Phase I renovation - mechanical shaft replacement - commenced in 2011. Construction was completed in September 2013. Design of Phase II - 5th Floor Renovations has been completed and construction began in February 2014. Phase III - 4th Floor Renovation - is scheduled for 2014. Estimated cost is \$6.0 million, a nearly \$4.0 million decrease from the original plan because the Intelligence Fusion Center was moved from 4th floor to 2nd floor in 2010 in a separate project. Design work is anticipated to begin in April of 2014 with construction to begin in the late fall of 2014. The request for 2015 is \$910,000. This includes \$750,000 for 3rd Floor asbestos removal, \$50,000 for "pre-design" consulting work for the Municipal Court, and \$110,000 to lease space to facilitate adequate swing space during remodeling.

G) Additional Comments

(1) Plan years based on 2010 EUA systems analysis and space planning study to continue building renovation sequence. Phase II was delayed from 2012 to 2013 due to 2012 Council Budget Amendment. Estimated Total Cost \$58.6 million (less \$4.0 million not needed for Intelligence Fusion Center). (2) Current Balance Available committed to Phase I Mechanical Shafts, Phase II Fifth Floor Renovation, Lower Garage Floor Repairs (\$330,000) and other projects underway. (3) Life -to-Date Expenditures include various projects since 1998 program inception including but not limited to Elevator Replacement, HVAC upgrades, Sixth Floor West Renovation including Sensitive Crimes, Lineup Room Construction, Asbestos/Lead/Other Hazardous Material Removal, Electrical Substation Replacement, Fire and Domestic Water Pump Upgrade, etc.

Capital Improvement Request Part II

Requesting Department: Milwaukee Police Department Account No: PL12080700
 Project/Program Title: Remodel Administration Building Offices

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$8,152,485					\$8,152,485
2015 Budget Request	\$910,000					\$910,000
2016 Projection	\$7,062,000					\$7,062,000
2017 Projection	\$6,661,860					\$6,661,860
2018 Projection	\$8,141,422					\$8,141,422
2019 Projection	\$6,723,102					\$6,723,102
2020 Projection	\$5,731,049		\$0	\$0	\$0	\$5,731,049
Total Six Year Cost	\$35,229,433	\$0	\$0	\$0	\$0	\$35,229,433
Total Project Cost	\$43,381,918	\$0	\$0	\$0	\$0	\$43,381,918

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$16,193,759
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Available Cost Estimate:


- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: In Progress. Started in 2010

Estimated Completion Date: 12/31/21

Department Head Signature 

Prepared By/Phone Ext Daniel Rotar, Budget Manager 955-7452

CIC - Capital Improvement Request Part III

Department:	Milwaukee Police Department	Date Submitted:	3/21/2014
Project/Program:	Remodel Administration Building Offices	Current Request:	
Prepared By:	Daniel Rotar/Budget Manager/935-7452	6 Yr Total:	
Dept Head:	Chief Edward A. Flynn		

General Project/Program Description:
 Multi-year renovation of Police Administration Building infrastructure and office space utilization. The request for 2015 is \$910,000. This includes \$750,000 for 3rd Floor asbestos removal, \$50,000 for "pre-design" consulting work for the Municipal Court, and \$110,000 for a lease with Potawatomi to facilitate adequate swing space during remodeling.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:
 PAB is police department's headquarters and District 1's station. Personnel assigned to PAB directly support crime suppression and related police functions throughout the City. Life and safety systems are being incorporated in renovation to include positive pressurization of elevator and mechanical shafts. Hazardous materials are being removed, most notably asbestos. Workspaces are being re-designed to be efficient and ergonomic.

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
X				Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:
 Hazardous material removal is part of the renovation. Potential exposure issues exist if the hazardous material is not mitigated. High rise building code requirements will also be addressed including health and safety elements.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
X				Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 Anticipate reduced energy use, especially building lighting and energy efficient motors and equipment. Productivity is expected to increase due to more efficient climate control and work area/space utilization.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Remodel Administration Building Offices

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
X				How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
X				Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Renovation will extend useful life by replacing obsolete building infrastructure systems including HVAC, plumbing, electrical, and health and safety systems.

Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations

	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
X				Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

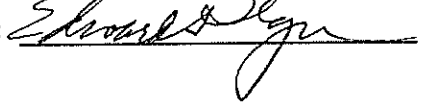
Project remediates failing building infrastructure systems. Corrective repairs in recent past and changes in building use over 40 years indicate current systems have exceeded useful life.

Capital Improvement Request Form Part I

Project/Program Title: Upgrade CAD System

Requesting Department: Milwaukee Police Department

Prepared By/Phone Ext: Daniel Rotar/Budget Manager/935-7452

Department Head Signature: 

Account No: NEW PROGRAM

A) Department Priority 4 of 10 Useful Life 6 to 15 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The Computer Aided Dispatch (CAD) software is the fundamental technology cornerstone of incident and emergency response for the Milwaukee Police Department. The CAD System provided MPD with a solution that helps get the right resources on-scene as quickly as possible, armed with the right information. The current Tiburon CAD System is more than 7 years old and requires MPD to migrate from v2.4 to v2.8 of the CommandCAD Software System to remain current in the maintenance software release schedule of the vendor. The latest version of the Tiburon CAD Software System will provide many capabilities that are otherwise missing in today's environment.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Milwaukee Police Department

Account No: NEW PROGRAM

Project/Program Title: Upgrade CAD System

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$1,300,000					\$1,300,000
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$1,300,000	\$0	\$0	\$0	\$0	\$1,300,000
Total Project Cost	\$1,300,000	\$0	\$0	\$0	\$0	\$1,300,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

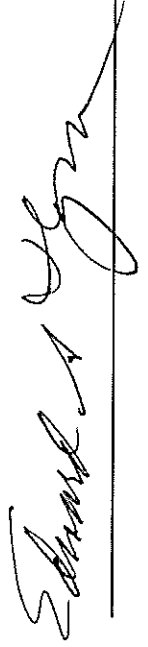
Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: _____

Estimated Completion Date: _____

Department Head Signature



Prepared By/Phone Ext

Daniel Rotar, Budget Manager 935-7452

CIC - Capital Improvement Request Part III

Department: Milwaukee Police Department
 Project/Program: Upgrade CAD System
 Prepared By: Daniel Rotar/Budget Manager/935-7452
 Dept Head: Chief Edward A. Flynn

Date Submitted: 3/21/2014
 Current Request: \$4,000,000
 6 Yr Total: \$5,682,800

General Project/Program Description:

Implement a state-of-the-art law enforcement Records Mgmt System. The new RMS will allow MPD to better meet its needs as a data-driven policing organization. The RMS will be built on a relational database with properly structured data elements to support

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
	X			infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?
<u>Comments / Other Considerations:</u>				

CIC - Capital Improvement Request Part III (cont'd)

Project/Program Upgrade CAD System

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common
		X		Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		responsible manner?
		X		pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
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X				How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
X				Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
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		X		desired?
		X		area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
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	X			not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
X				Can you quantify the impacts of a delay in this project?

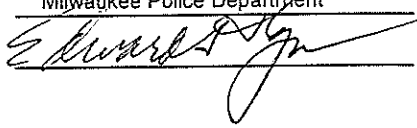
Comments / Other Considerations:

Capital Improvement Request Form Part I

Project/Program Title: Mobile Data Computer (MDC) Upgrades

Requesting Department: Milwaukee Police Department

Prepared By/Phone Ext: Daniel Rotar/Budget Manager/935-7452

Department Head Signature: 

Account No: NEW PROGRAM

A) Department Priority 5 of 10 Useful Life 5 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 2

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The current Mobile Data Computers (MDCs) are outdated, out of warranty and frequently in need of repair. In addition, the current MDCs cannot support the increased technology that is necessary to support the officers in the field. Replacing current mobile computers with Panasonic tough books will allow the officers and detectives to work from the field and obtain all of the information available via an electronic format. The upgrade will allow for the utilization of technology that will allow Police Officers to be better equipped to access databases, write reports, communicate with dispatch and fellow officers, and prioritize details for more effective responses. MPD is requesting \$1,000,000.00 for 2105 and \$1,000,000.00 in 2016 to replace 160 MDC's in each year for a total of 320 Vehicles.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Milwaukee Police Department Account No: NEW PROGRAM
 Project/Program Title: Mobile Data Computer (MDC) Upgrades

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$1,000,000					\$1,000,000
2016 Projection	\$1,000,000					\$1,000,000
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Total Project Cost	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/16

Department Head Signature



Prepared By/Phone Ext

Daniel Rotar, Budget Manager 935-7452

CIC - Capital Improvement Request Part III

Department:	Milwaukee Police Department	Date Submitted:	3/21/2014
Project/Program:	Mobile Data Computer (MDC) Upgrades	Current Request:	\$1,000,000
Prepared By:	Daniel Rotar/Budget Manager/935-7452	6 Yr Total:	\$2,000,000
Dept Head:	Chief Edward A. Flynn		

General Project/Program Description:
 Upgrade 320 MDC's in Department vehicles (160 in 2015 and 2016).

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Mobile Data Computer (MDC) Upgrades

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations

	X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X		Are there critical timing issues associated with this project?
			Are there inter-jurisdictional considerations?
	X		Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Capital Improvement Request Form Part I

Project/Program Title: Data-Comm Center Repairs

Requesting Department: Milwaukee Police Department

Prepared By/Phone Ext: Daniel Rotar/Budget Manager/935-7452

Department Head Signature: 

Account No: PL120130500

A) Department Priority 6 of 10 Useful Life 20-25 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Third Floor Restrooms and Janitor Closet - To comply with USDOJ FBI CJIS security requirements, restrooms and a janitor's closet are needed outside the secure perimeter of the 911 Telecommunication/Dispatch Center. These restrooms would serve occupants of the heavily utilized Emergency Operations Center room (also extensively used for training sessions and staff meetings) and staff occupying work areas on the Third Floor. Currently, all individuals utilizing the Emergency Operations Center need to go into the area of the 911 dispatchers to use the restrooms. These individuals may not have had the appropriate background check to be in that area. Cost is currently estimated at \$135,000.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Milwaukee Police Department

Project/Program Title: Data Comm Center Repairs

Account No: PL120130500

Special Assessment: PL120130500

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$84,626					\$84,626
2015 Budget Request	\$135,000					\$135,000
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$135,000	\$0	\$0	\$0	\$0	\$135,000
Total Project Cost	\$219,626	\$0	\$0	\$0	\$0	\$219,626

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020	Total
\$110,374	\$0	\$0	\$0	\$0	\$0	\$110,374

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source?

- Yes No Uncertain

Are cost estimates based on industry standards?

- Yes No Uncertain

Will city employees be performing any portion of the work?

- Yes No Uncertain

Did you perform a cost/benefit analysis?

- Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/15

Department Head Signature



Prepared By/Phone Ext

Daniel Rotar, Budget Manager 935-7452

CIC - Capital Improvement Request Part III

Department:	Milwaukee Police Department	Date Submitted:	3/21/2014
Project/Program:	Data-Comm Center Repairs	Current Request:	\$135,000
Prepared By:	Daniel Rotar/Budget Manager/935-7452	6 Yr Total:	
Dept Head:	Chief Edward A. Flynn		

General Project/Program Description:
 Repairs and renovation to ten year old Data-Communications Center /District 3 building. 2015 request is to add third floor restrooms and janitor closet.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?
Comments / Other Considerations:				

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:
 To comply with USDOJ FBI CJIS security requirements, restrooms and a janitor's closet are needed outside the secure perimeter of the 911 Telecommunication/Dispatch Center.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

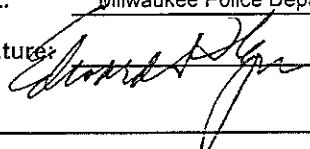
Project/Program: Data-Comm Center Repairs

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
X				How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	X			Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				

		X	Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X			Are there critical timing issues associated with this project?
X			Are there inter-jurisdictional considerations?
X			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:			

Capital Improvement Request Form Part I

Project/Program Title: Digital Asset Management System Replacement Requesting Department: Milwaukee Police Department
 Prepared By/Phone Ext: Daniel Rotar/Budget Manager/935-7452 Department Head Signature: 
 Account No: NEW PROGRAM

A) Department Priority 7 of 10 Useful Life 5 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years 1

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 The current Digital Asset Management System (Intellinetics) only addresses the storage of crime scene photos and is unable to apply digital asset workflow to automate the post processing of crime scene photos. This current system is unable to utilize photo enhancement tools such as Photoshop and Lightroom which critical to photo enhancements and tracking for the purposes of discovery and chain-of-custody as required by the courts. The current software was installed in 2005 and since then new standards have been developed for digital asset management within law enforcement that allow authorized users immediate access to the image files. It will provide an audit trail as to who viewed, printed or downloaded crime scene digital assets such as photos, video, audio, and documents.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Milwaukee Police Department Account No: NEW PROGRAM
 Project/Program Title: Digital Asset Management System Replacement

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$150,000					\$150,000
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Total Project Cost	\$150,000	\$0	\$0	\$0	\$0	\$150,000

Life to Date Expenditures (Project Only) \$0 \$0 \$0 \$0 \$0 \$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

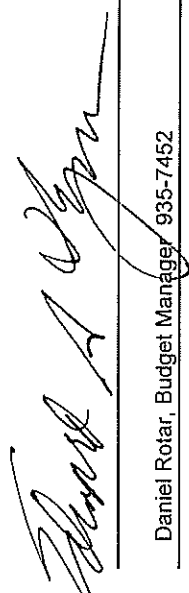
Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/15

Department Head Signature 
 Prepared By/Phone Ext Daniel Rotar, Budget Manager 935-7452

CIC - Capital Improvement Request Part III

Department:	Milwaukee Police Department	Date Submitted:	3/21/2014
Project/Program:	Digital Asset Management System Replacement		
Prepared By:	Daniel Rotar/Budget Manager/935-7452	Current Request:	\$150,000
Dept Head:	Chief Edward A. Flynn	6 Yr Total:	\$150,000

General Project/Program Description:
 Replacement of Department's Digital Asset Management System.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

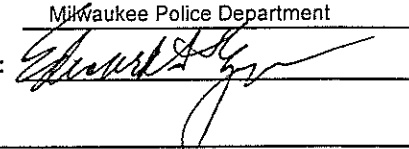
Project/Program: Digital Asset Management System Replacement

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations

	X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X		Are there critical timing issues associated with this project?
	X		Are there inter-jurisdictional considerations?
	X		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>			

Capital Improvement Request Form Part I

Project/Program Title: Police Training Management System Requesting Department: Milwaukee Police Department
 Prepared By/Phone Ext: Daniel Rotar/Budget Manager/935-7452 Department Head Signature: 
 Account No: NEW PROGRAM

A) Department Priority 8 of 10 Useful Life 5 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Procure a standard web based software system that manages and tracks all aspects of a law-enforcements agency's training requirements. The system will allow MPD to generate measurable e-Learning over the web or MPD intranet, while also managing academy training, in-service training, in-service training, specialized training, computer-based training, and web-based training. This system will meet the needs of MPD for Records & Transcripts, Firearms Training & Certification, Less-Lethal Weapons & Equipment Management, Roll-Call Training, Surveys, Read-and-Sign Functionality, Rules-Based Training Approval Process, Academy Scheduling and Competency Management.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Milwaukee Police Department Account No: NEW PROGRAM
 Project/Program Title: Police Training Management System

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$250,000					\$250,000
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Total Project Cost	\$250,000	\$0	\$0	\$0	\$0	\$250,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

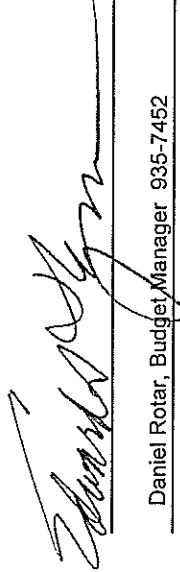
Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/15

Department Head Signature



Prepared By/Phone Ext

Daniel Rotar, Budget Manager 935-7452

CIC - Capital Improvement Request Part III

Department:	Milwaukee Police Department	Date Submitted:	3/21/2014
Project/Program:	Police Training Management System	Current Request:	\$250,000
Prepared By:	Daniel Rotar/Budget Manager/935-7452	6 Yr Total:	\$250,000
Dept Head:	Chief Edward A. Flynn		

General Project/Program Description:
 Procure a standard web based software system that manages and tracks all aspects of a law-enforcements agency's training requirements.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

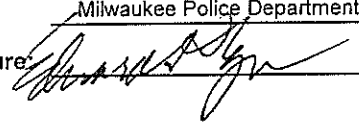
Project/Program: Police Training Management System

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations

	X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X		Are there critical timing issues associated with this project?
	X		Are there inter-jurisdictional considerations?
	X		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>			

Capital Improvement Request Form Part I

Project/Program Title: Job Scheduling Software Requesting Department: Milwaukee Police Department
 Prepared By/Phone Ext: Daniel Rotar/Budget Manager/935-7452 Department Head Signature: 
 Account No: NEW PROGRAM

A) Department Priority 9 of 10 Useful Life 5 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 Automation of batch processing by removing user interventions from the submission, monitoring and checking of background jobs for the Milwaukee Police Department's RMS, CAD, Intellinetics, Morpho AFIS, Crime Analytics System, Crime Mapping System and other enterprise wide software systems. Relying on operators to perform tasks that can easily be automated is a waste of resources where an automated job scheduling system will deliver a swift ROI and will vastly improve the quality of MPD's IT Operations. This software will also allow MPD to schedule batch jobs that require the use of events and dependencies for complex job scheduling.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Milwaukee Police Department

Account No.: NEW PROGRAM

Project/Program Title: Job Scheduling Software

Special Assessment: Enterprise

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$100,000					\$100,000
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Total Project Cost	\$100,000	\$0	\$0	\$0	\$0	\$100,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

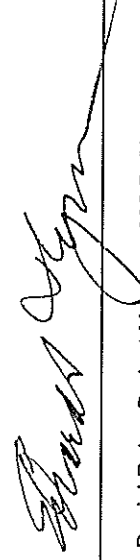
Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/15

Department Head Signature



Prepared By/Phone Ext

Daniel Rotar, Budget Manager 935-7452

CIC - Capital Improvement Request Part III

Department:	Milwaukee Police Department	Date Submitted:	3/21/2014
Project/Program:	Job Scheduling Software	Current Request:	\$100,000
Prepared By:	Daniel Rotar/Budget Manager/935-7452	6 Yr Total:	\$100,000
Dept Head:	Chief Edward A. Flynn		

General Project/Program Description:
 Automation of batch processing by removing user interventions from the submission, monitoring and checking of background jobs for the Milwaukee Police Department's RMS, CAD, Intellinetics, Morpho AFIS, Crime Analytics System, Crime Mapping System and other enterprise wide software systems.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

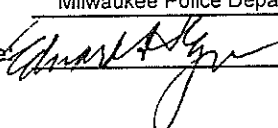
Project/Program: Job Scheduling Software

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - <i>Comprehensive Area Plans adopted by the Common Council are available on DCD's website</i>
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - <i>Primarily recurring infrastructure and facility preservation programs</i>
		X		How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations

	X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X		Are there critical timing issues associated with this project?
	X		Are there inter-jurisdictional considerations?
	X		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>			

Capital Improvement Request Form Part I

Project/Program Title: District Station Repairs Requesting Department: Milwaukee Police Department
 Prepared By/Phone Ext: Daniel Rotar/Budget Manager/935-7452 Department Head Signature: 
 Account No: PL120130100 and predecessors

A) Department Priority 10 of 10 Useful Life 20 to 25 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Various repairs to MPD facilities per the attached.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Milwaukee Police Department Account No.: PL120130100 and its predecessors
 Project/Program Title: District Station Repairs

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$597,702					\$597,702
2015 Budget Request	\$1,671,650					\$1,671,650
2016 Projection	\$1,315,446					\$1,315,446
2017 Projection	\$1,511,070					\$1,511,070
2018 Projection	\$1,546,182					\$1,546,182
2019 Projection	\$1,037,628					\$1,037,628
2020 Projection	\$1,359,754					\$1,359,754
Total Six Year Cost	\$8,441,730	\$0	\$0	\$0	\$0	\$8,441,730
Total Project Cost	\$9,039,432	\$0	\$0	\$0	\$0	\$9,039,432

Life to Date Expenditures (Project Only)

	\$751,338	\$0	\$0	\$0	\$0	\$751,338
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Available Cost Estimate:

- Thorough Cost Estimate 2015
- Limited Information 2016
- Based on Cost of Similar Projects 2017
- Unsupported 2018

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

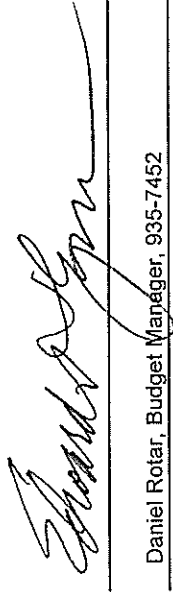
Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/15

Department Head Signature



Prepared By/Phone Ext

Daniel Rotar, Budget Manager, 935-7452

CIC - Capital Improvement Request Part III

Department: Milwaukee Police Department	Date Submitted: 3/21/2014
Project/Program: District Station Repairs	
Prepared By: Daniel Rotar/Budget Manager/935-7452	Current Request: \$100,000
Dept Head: Chief Edward A. Flynn	6 Yr Total: \$100,000

General Project/Program Description:

Various District Station Repairs

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
X				Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: District Station Repairs

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
X				How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
X				Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations

		X	Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X		Are there critical timing issues associated with this project?
	X		Are there inter-jurisdictional considerations?
X			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:			

DISTRICT STATION REPAIRS (SHOWN IN PRIORITY ORDER):

District 2: Provide major maintenance and seal asphalt pavement surrounding station. Facilities Condition Assessment recommended that this work be done in 2012. Current estimated cost is **\$80,000**.

NTF - Replace all windows. Current windows are wood sash and single pane and are covered with lead. Windows leak cold air in the winter and provide little to no thermal value to keep the heat from the sun out in the summer. Current estimated cost is **\$248,000**.

District 7: Replace 2 roof-top air handling units. Existing units are over 20 years old and past their useful life expectancy. Current cost estimated at **\$175,150**.

Radio Shop: Install a larger fuel tank for the emergency generator that will accommodate at least five days of run time. This location is a major component of our communication network and the current tank on the generator will only last a maximum of 2 days if we were to have a major disaster. Current estimated cost is **\$37,000**.

District 4: General remodeling of district 4 as defined in the Facility Condition Assessment/deferred maintenance report to include renovation of the kitchen, construction of a locker room replacement, reconfiguration of the office and a toilet room remodeling. Also included is the replacement of the building's main electrical transformer, service entrance switchgear and service lateral located under the garage floor and the emergency generator and related panel boards. This equipment was installed in 1963 and is well beyond its useful life. The generator does not power any building HVAC equipment. Current estimated cost is **\$828,000**.

District 4: Upgrade mechanical system to include modification of three roof top units and installation of a Variable Air Volume (VAV) system and all necessary control systems throughout the building. Temperatures are currently very difficult to regulate. Current estimated cost is **\$99,500**.

82nd St & Keefe Ave. Storage Garage: Replace deteriorated asphalt pavement. Current pavement is well beyond its useful life and is significantly deteriorated. Current estimated cost is **\$38,000**.

District 2: Replace deteriorated office area tile flooring. Cost is currently estimated at **\$45,000**.

Radio Shop: Paint interior of the building. Current estimate is **\$34,000**.

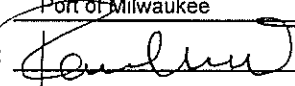
Property Warehouse: Repair and seal masonry siding. Current siding is in disrepair and not weather tight. Current estimated cost is **\$87,000**.

Capital Improvements Plan Request
2015-2020

PORT OF MILWAUKEE PROJECT DESCRIPTION	2015		2016		2017		2018		2019		2020		Total		
	Budget Plan		Budget Plan		Budget Plan		Budget Plan		Budget Plan		Budget Plan		Budget Plan		6 Year Plan
Rk															
1	Rail Track & Service Upgrades	\$500,000		\$500,000			\$100,000					\$100,000			\$1,200,000
2	Terminal Resurfacing	\$250,000			\$250,000							\$100,000			\$600,000
3	Dockwall & Breakwater Rehabilitation	\$150,000		\$150,000		\$150,000			\$150,000			\$150,000			\$900,000
4	Roadway Paving/Service Lanes	\$100,000				\$100,000									\$200,000
5	Demolish / Rehab Port Facilities	\$250,000	\$100,000									\$100,000			\$450,000
6	Port Security	\$100,000		\$100,000		\$100,000			\$100,000			\$100,000			\$600,000
7	Pier, Berth and Channel Improvements *****Grant & Aid*****	\$200,000		\$200,000		\$200,000		\$200,000	\$200,000			\$200,000			\$1,200,000
8	New Crane			\$4,000,000											\$4,000,000
9	Rehab Electrical Svc. So. Harbor Tract					\$100,000									\$100,000
10	Energy Initiatives					\$100,000			\$100,000						\$200,000
11	Harbor Maintenance Dredging			\$200,000								\$150,000			\$350,000
12	Secured Ferry Terminal Parking					\$100,000									\$100,000
13	City Heavy Lift Dock *****Grant & Aid*****				\$520,000										\$520,000
14	Transload Facility *****Grant & Aid*****				\$2,080,000										\$2,080,000
	Total Port of Milwaukee Projects	\$3,075,000	\$8,200,000	\$8,200,000	\$4,600,000	\$4,600,000	\$1,350,000	\$1,350,000	\$1,450,000	\$1,450,000	\$1,600,000	\$1,600,000	\$1,600,000	\$20,275,000	
	Total Grant & Aid	\$800,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,300,000	
	Total City Funding	\$2,975,000	\$8,100,000	\$8,100,000	\$4,500,000	\$4,500,000	\$1,250,000	\$1,250,000	\$1,350,000	\$1,350,000	\$1,500,000	\$1,500,000	\$1,500,000	\$19,675,000	

Capital Improvement Request Form Part I

Project/Program Title: Rail Track & Service Upgrades
 Prepared By/Phone Ext: Hattie Billingsley / x-3649
 Account No: PT180070100

Requesting Department: Port of Milwaukee
 Department Head Signature: 

A) Department Priority 1 of 14 Useful Life 35 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries	\$
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The mission of the Port of Milwaukee is to enhance the overall economic vitality of our region by stimulating trade, business and employment. The Port provides quality transportation and distribution services designed to anticipate and satisfy the needs and desires of our customers. The Port seeks to upgrade its 17 mile rail track system on an on-going basis to meet modern day safety and service load requirements by upgrading rail track from 90 lbs to 110/115 lbs.

G) Additional Comments

The Port will continue the railroad crossing replacement program it began in 2013. In 2013, the Port initiated a blanket PO with Knapp Railroad encumbering \$229,450 of which \$107,000 was expended. In 2013, the Port completed replacement of 1,050' of 90 lb rail with 110/115 lb rail and rebuilt 4 switches. This funding along with the \$500,000 approved in the 2014 Capital Budget will be used to continue replacement and upgrade of the rail track system on Jones Island during 2014.

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee **Account No.:** PT180070100
Project/Program Title: Rail Track & Service Upgrades

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment		Total Cost
				Enterprise	Assessment	
Remaining Balance for 2014	\$622,425					\$622,425
2015 Budget Request	\$500,000					\$500,000
2016 Projection	\$500,000					\$500,000
2017 Projection						\$0
2018 Projection	\$100,000					\$100,000
2019 Projection						\$0
2020 Projection	\$100,000					\$100,000
Total Six Year Cost	\$1,200,000	\$0	\$0	\$0	\$0	\$1,200,000
Total Project Cost	\$1,822,425	\$0	\$0	\$0	\$0	\$1,822,425

Life to Date Expenditures (Project Only)

	\$107,027	\$0	\$0	\$0	\$0	\$107,027
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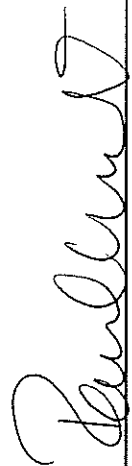
Available Cost Estimate:
 Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
 Limited Information
 Based on Cost of Similar Projects
 Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

Increase Decrease None

Estimated Start Date: 04/01/13
 Estimated Completion Date: 03/31/18

Department Head Signature 

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/21/2014
Project/Program:	Rail Track & Service Upgrades		
Prepared By:	Hattie Billingsley	Current Request:	\$500,000
Dept Head:	Paul Vornholt	6 Yr Total:	\$1,200,000

General Project/Program Description:
 This funding would be used to continue upgrading the Port's 17 miles of rail track system to meet modern day safety and service load requirements by upgrading rail track from 90 lbs to 110/115 lbs. During the upgrade, switches on the Port's rail track system would be rebuilt or eliminated based on current and anticipated rail service usage on Jones Island.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Rail Track & Service Upgrade

Whenever possible, **please quantify / describe the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
X				Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
X				Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Terminal Resurfacing

Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley / x-3649

Department Head Signature: *[Signature]*

Account No: PT180080300

A) Department Priority 2 of 14 Useful Life 30 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The mission of the Port of Milwaukee is to enhance the overall economic vitality of the region by stimulating trade, business and employment. It is vital to maintain Port property in order to enhance and preserve its economic vitality to the region. Over time various paved surfaces at several of th Port's terminals have settled due to the Harbor's subsurface condition. This on-going maintenance program restores the paved areas to a useable condition where most needed as funds allow. The need to implement this project is now at a critical stage due to the deferment of projects and the severity of the winter on the unheated terminal buildings' floors.

G) Additional Comments

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee Account No: PT180080300
 Project/Program Title: Terminal Resurfacing

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$250,000					\$250,000
2016 Projection						\$0
2017 Projection	\$250,000					\$250,000
2018 Projection						\$0
2019 Projection						\$0
2020 Projection	\$100,000					\$100,000
Total Six Year Cost	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Total Project Cost	\$600,000	\$0	\$0	\$0	\$0	\$600,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source?

- Yes No Uncertain

Are cost estimates based on industry standards?

- Yes No Uncertain

Will city employees be performing any portion of the work?

- Yes No Uncertain

Did you perform a cost/benefit analysis?

- Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: TBD

Estimated Completion Date: TBD



Department Head Signature

Prepared By/Phone Ext

Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/21/2014
Project/Program:	Terminal Resurfacing	Current Request:	\$250,000
Prepared By:	Hattie Billingsley	6 Yr Total:	\$600,000
Dept Head:	Paul Vornholt		

General Project/Program Description:
 This is an on-going program to provide funding to resurface terminal floors as needed due to the settling of Port grounds. As this occurs the floors in the various Port terminals have shifted over time and need to be resurfaced to make the terminal floors level. These funds are used to resurface Port terminal floors on an as needed basis so the terminals remain useable.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
	X			Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Terminal Resurfacing

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Dockwall & Breakwater Rehabilitation

Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley / x-3649

Department Head Signature: *[Signature]*

Account No: PT18080110

A) Department Priority 3 of 14 Useful Life 50 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The mission of the Port of Milwaukee is to enhance the overall economic vitality of our region by stimulating trade business and employment. It is vital to this mission that the Port's infrastructure is maintained in excellent condition. The Port of Milwaukee maintains an extensive ten (10) mile dockwall system to serve the Port area. An on-going planned dockwall rehabilitation program is necessary to avert costly emergency repairs and to maintain the dockwall in appropriate condition for cargo operations. This program allows the Port's dockwall to be well maintained for lease and cargo operations. Well maintained dockwalls are essential to the Port's continued successful operations and its ability to meet the objectives of the mission statement. Lease documents often require the City to maintain dockwall for its tenants. Loss of revenue to the city may result if the dockwalls are not kept in a safe and useable condition.

G) Additional Comments

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee Account No: PT18080110

Project/Program Title: Dockwall & Breakwater Rehabilitation

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$140,000					\$140,000
2015 Budget Request	\$150,000					\$150,000
2016 Projection	\$150,000					\$150,000
2017 Projection	\$150,000					\$150,000
2018 Projection	\$150,000					\$150,000
2019 Projection	\$150,000					\$150,000
2020 Projection	\$150,000					\$150,000
Total Six Year Cost	\$900,000	\$0	\$0	\$0	\$0	\$900,000
Total Project Cost	\$1,040,000	\$0	\$0	\$0	\$0	\$1,040,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source?

- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain

Are cost estimates based on industry standards?

- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain

Will city employees be performing any portion of the work?

- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain

Did you perform a cost/benefit analysis?

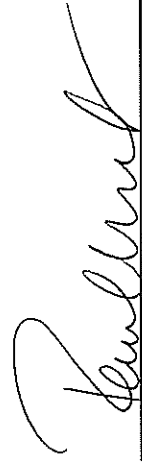
- Increase Decrease None

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: TBD

Estimated Completion Date: TBD

Department Head Signature 

Department Head Signature

Prepared By/Phone Ext

Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/21/2014
Project/Program:	Dockwall & Breakwater Rehabilitation	Current Request:	\$150,000
Prepared By:	Hattie Billingsley	6 Yr Total:	\$900,000
Dept Head:	Paul Vornholt		

General Project/Program Description:

This is an on-going planned rehabilitation program to provide funding for the maintenance of the ten (10) mile dockwall system which the Port of Milwaukee is responsible for. The purpose of on-going rehabilitation is to avert costly emergency repairs and to maintain the dockwall system in appropriate condition to support cargo operations at the Port.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance ?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs ?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs ?
X				Will the project lead to increased productivity or service improvements ?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: **Dockwall & Breakwater Rehabilitation**

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
X				Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
X				How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Roadway/Service Lane Paving Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley / x-3649 Department Head Signature: *[Signature]*

Account No: _____

A) Department Priority 4 of 14 Useful Life 20 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 4

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries	\$
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

A number of roadways on the South Harbor tract are in deplorable condition due to the high volume of heavy trucks which do regular business with the tenants of the Port. Funding for public roads is provided by the wheel tax. DPW has scheduled work on Jones Island's public roads. This funding is to complete the service drives on Jones Island which are not public roads and not eligible to be completed with funds from the wheel tax.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee **Account No.:** _____
Project/Program Title: Roadway/Service Lane Paving

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$100,000					\$100,000
2016 Projection						\$0
2017 Projection	\$100,000					\$100,000
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Total Project Cost	\$200,000	\$0	\$0	\$0	\$0	\$200,000


Life to Date Expenditures (Project Only)	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:	2015	2016	2017	2018	2019	2020
Thorough Cost Estimate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: _____ TBD
 Estimated Completion Date: _____ TBD

Department Head Signature: 
 Prepared By/Phone Ext: Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/21/2014
Project/Program:	Roadway/Service Lane Paving		
Prepared By:	Hattie Billingsley	Current Request:	\$100,000
Dept Head:	Paul Vornholt	6 Yr Total:	\$200,000

General Project/Program Description:

This funding is to pave service drives on Jones Island which are not public roads and therefore not eligible to be paved using wheel tax funds. The service drives will be paved in conjunction with the paving of the public roads on Jones Island.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate ?
	X			Does the project promote long-term regulatory compliance ?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs ?
X				Will the project lead to increased productivity or service improvements ?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity ? (e.g. user fees)
	X			Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Roadway/Service Lane Paving

Whenever possible, *please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.*

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		X		How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
X				Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
X				Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Demolish/Rehab Port Facilities

Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley / x-3649

Department Head Signature: 

Account No: PT180080400

A) Department Priority 5 of 14 Useful Life 20 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries	\$
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The mission of the Port of Milwaukee is to enhance the overall economic vitality of our region by stimulating trade, business and employment. As part of fulfilling this mission the Port leases out parcels of City property on the North and South Harbor tract. These buildings may not be suitable for future leaseholders. The City Attorney's opinion is the Port may be responsible for removing any structures erected on the property by tenants. These fund would be used to remove any unneeded buildings and to rehabilitate properties so they can be leased to new tenants. In addition this fund would be used to supplement the Port's operating Special Fund for capital maintenance to Port facilities, and to do emergency repair work as needed for projects/damages which exceed the Port's special fund for major maintenance of terminals and piers. It is vital to the Port's mission to maintain its operating facilities in excellent condition. Adequate funding of this account would allow for the Port to keep its facilities in a safe, well maintained, operable condition.

G) Additional Comments

The Port has combined two previously requested capital accounts for Port Facilities Maintenance/Rehab and for the Demolition/Rehab of leasehold facilities into this one account for the 2015 - 2020 capital plan request. It was decided there is sufficient overlap in these two accounts/projects where it would be more advantageous to combine the two into one combined account/project. This will provide more flexibility on an on-going basis for upkeep and rehab of Port facilities for new and current tenants as business needs change and/or expand.

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Demolish/Rehab Port Facilities

Account No: PT180080400

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$250,000					\$250,000
2016 Projection	\$100,000					\$100,000
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection	\$100,000					\$100,000
Total Six Year Cost	\$450,000	\$0	\$0	\$0	\$0	\$450,000
Total Project Cost	\$450,000	\$0	\$0	\$0	\$0	\$450,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: TBD

Estimated Completion Date: TBD


 Department Head Signature

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/21/2014
Project/Program:	Demolish/Rehab Port Facilities		
Prepared By:	Hattie Billingsley	Current Request:	\$250,000
Dept Head:	Paul Vornholt	6 Yr Total:	\$450,000

General Project/Program Description:

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety ?
X				Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate ?
	X			Does the project promote long-term regulatory compliance ?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs ?
X				Will the project lead to increased productivity or service improvements ?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity ? (e.g. user fees)
	X			Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: _____

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
X				Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Capital Improvement Request Form Part I

Project/Program Title: Port Security Requesting Department: Port of Milwaukee
 Prepared By/Phone Ext: Hattie Billingsley / x-3649 Department Head Signature: *[Signature]*
 Account No: PT180040100

A) Department Priority 6 of 14 Useful Life 30 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair On-Going Program Project/Program Scope Fully Defined Partially Defined
 Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0
 Position Title _____ No. of Positions _____ FTEs _____ Salaries \$ _____
 _____ \$ _____
 _____ \$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 The mission of the Port of Milwaukee is to enhance the overall economic vitality of our region by stimulating trade, business and employment. The federal government through the Department of Homeland Security and the US Coast Guard have enacted numerous new evolving security measures for US Ports. This is an on-going program to enact required security measures and mandates here at the Port of Milwaukee. The requested funds will be utilized to carryout the latest US Coast Guard security plans and programs for the Port of Milwaukee. The Port has used funding from this project as city match funds for capital equipment and projects for grants received from the Dept. of Homeland Security.

G) Additional Comments

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Port Security

Account No: PT180040100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$50,000					\$50,000
2015 Budget Request	\$100,000					\$100,000
2016 Projection	\$100,000					\$100,000
2017 Projection	\$100,000					\$100,000
2018 Projection	\$100,000					\$100,000
2019 Projection	\$100,000					\$100,000
2020 Projection	\$100,000					\$100,000
Total Six Year Cost	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Total Project Cost	\$650,000	\$0	\$0	\$0	\$0	\$650,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: TBD

Estimated Completion Date: TBD

Department Head Signature 

Prepared By/Phone Ext

Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/21/2014
Project/Program:	Port Security		
Prepared By:	Hattie Billingsley	Current Request:	\$100,000
Dept Head:	Paul Vornholt	6 Yr Total:	\$600,000

General Project/Program Description:
 This fund will be for Port security equipment upgrades and enhancements as mandated by the federal Dept. of Homeland Security. In addition, the funds will be used as City match share for any capital Port security grants awarded during the current six year capital plan period. Typically, federal grants are 75% of the total project cost with the City required match of 25% of the total cost.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate ?
X				Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs ?
		X		Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity ? (e.g. user fees)
	X			Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Port Security

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
X			Potential Match Fund	Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
X				Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Pier, Berth and Channel Improvements

Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley / x-3649

Department Head Signature: *Hattie Billingsley*

Account No: PT180000200

A) Department Priority 7 of 14 Useful Life 50 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries	\$
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The mission of the Port of Milwaukee is to enhance the overall economic vitality of our region by stimulating trade, business and employment. It is vital to this mission that the Port's infrastructure is maintained in excellent condition. Funding is needed on an on-going basis for improvements to the mooring basin, the City's Heavy Lift Dock and the outer harbor. This program is funded in part by a grant program through the Department of Transportation's Bureau of Railroads and Harbors. Approximately 80% of the cost of these improvements will be paid by the grant, with the City providing 20% of the total funding. this account is used for the City's 20% matching funds.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee **Account No.:** PT180000200
Project/Program Title: Pier, Berth and Channel Improvements

Year	Special Assessment			Total Cost
	Tax Levy/Borrowing	Grant & Aid	Revenue	
Remaining Balance for 2014	\$400,000			\$400,000
2015 Budget Request	\$200,000	\$800,000		\$1,000,000
2016 Projection	\$200,000	\$800,000		\$1,000,000
2017 Projection	\$200,000	\$800,000		\$1,000,000
2018 Projection	\$200,000	\$800,000		\$1,000,000
2019 Projection	\$200,000	\$800,000		\$1,000,000
2020 Projection	\$200,000	\$800,000		\$1,000,000
Total Six Year Cost	\$1,200,000	\$4,800,000	\$0	\$6,000,000
Total Project Cost	\$1,600,000	\$4,800,000	\$0	\$6,400,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

Thorough Cost Estimate 2015 2016 2017 2018 2019 2020

Limited Information

Based on Cost of Similar Projects

Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain


Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: TBD

Estimated Completion Date: TBD

Department Head Signature: 
 Prepared By/Phone Ext: Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/21/2014
Project/Program:	Pier, Berth and Channel Improvements	Current Request:	\$200,000
Prepared By:	Hattie Billingsley	6 Yr Total:	\$1,200,000
Dept Head:	Paul Vornholt		

General Project/Program Description:

This account funds the City's match fund for grants obtained primarily through the Wisconsin Department of Transportation, Harbor Assistance Program. Funding of 80% of the project total is provided by grants from the state with the remaining 20% coming from the City's debt service fund.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate ?
		X		Does the project promote long-term regulatory compliance ?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs ?
		X		Will the project lead to increased productivity or service improvements ?
		X		Will the facility require significant annual maintenance ?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity ? (e.g. user fees)
		X		Will the project result in a reduction in energy use ?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations ?
		X		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Pier, Berth and Channel Improvements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
X				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Crane/Heavy Lift Equipment Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley / x-3649 Department Head Signature: *Hattie Billingsley*

Account No: _____

A) Department Priority 8 of 14 Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 2

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The mission of the Port of Milwaukee is to enhance the overall economic vitality of our region by stimulating trade, business and employment. To fulfill its mission and serve its customers, it is imperative that the Port purchase and maintain equipment to meet the customer's needs. The Port's marketing staff actively continues to pursue the wind energy business and other new cargo businesses to transport through Milwaukee. They anticipate recent changes in the Wisconsin DOT regulations will increase the probability of transporting wind generation equipment and other heavy machinery through the Port. As such, the Port would need to have reliable heavy duty cranes to meet the needs of the stevedore in transferring this equipment between transportation modes.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Crane / Heavy Lift Equipment

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request						\$0
2016 Projection	\$4,000,000					\$4,000,000
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$4,000,000	\$0	\$0	\$0	\$0	\$4,000,000
Total Project Cost	\$4,000,000	\$0	\$0	\$0	\$0	\$4,000,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

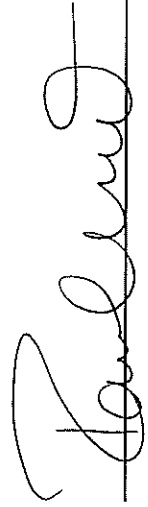
Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 04/01/14

Estimated Completion Date: 03/31/16


 Department Head Signature

Prepared By/Phone Ext

Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/21/2014
Project/Program:	Crane / Heavy Lift Equipment	Current Request:	
Prepared By:	Hattie Billingsley	6 Yr Total:	\$4,000,000
Dept Head:	Paul Vornholt		

General Project/Program Description:
 The funds would be used to purchase a new or used heavy lift crane to replace Crane 16.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate ?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
X				What return on investment will this project generate?
X				What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs ?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity ? (e.g. user fees)
	X			Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 The return on investment and payback period would depend on the actual cost of the crane. The Port is considering all possibilities to reduce the net cash outlay for the crane including seeking grant funding, trade-in of old crane, purchase of used crane and cost of long term lease of a crane.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Crane / Heavy Lift Equipment

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Rehab Electrical Svcs So. Harbor Tract

Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley / x-3649

Department Head Signature: 

Account No: PT180080100

A) Department Priority 9 of 14 Useful Life 30 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 4

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The mission of the Port of Milwaukee is to enhance the overall economic vitality of our region by stimulating trade, business and employment. The Port provides electrical service to ships docked at the Port for winter mooring and is responsible for at least some of the electrical generators on Jones Island. As part of the Port's on-going major upgrade rehabilitation capital maintenance program we have re-evaluated the South Harbor's overall electrical needs and determined necessary upgrades to ensure the electrical services under the Port's authority on Jones Island are operating within code and the electrical services made available to customers is adequate and conforms to our lease agreements and tariff.

G) Additional Comments

Two phases of this project have been completed. This funding is for the final phase and it is deferred to 2016 due to the critical nature of other proposed Port capital projects.

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee Account No: PT180080100
 Project/Program Title: Rehab Electrical Svcs so. Harbor Tract

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request						\$0
2016 Projection	\$100,000					\$100,000
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection	\$100,000					\$100,000
Total Six Year Cost	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Total Project Cost	\$200,000	\$0	\$0	\$0	\$0	\$200,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source?

Are cost estimates based on industry standards?

Will city employees be performing any portion of the work?

Did you perform a cost/benefit analysis?

- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: TBD

Estimated Completion Date: TBD

Department Head Signature 

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/21/2014
Project/Program:	Rehab Electrical Services South Harbor Tract	Current Request:	\$0
Prepared By:	Hattie Billingsley	6 Yr Total:	\$200,000
Dept Head:	Paul Vornholt		

General Project/Program Description:

This project is to complete the final phase of upgrading electrical services available for use by ships docked for winter mooring at the Port of Milwaukee.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
X				What return on investment will this project generate?
X			Not determined	What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

This project is being completed in phases. Two phases of the upgrade/rehabilitation have occurred to date. Cost incurred for electrical service usage by ships docked for winter mooring is the responsibility of the ship owners.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Rehab Electrical Services South Harbor Tract

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
X				Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Energy Efficient Initiatives / Upgrades

Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley / x-3649

Department Head Signature: *[Signature]*

Account No: _____

A) Department Priority 10 of 14 Useful Life 30 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This on-going program is based on the Mayor's initiative to reduce energy cost with efficiency initiatives / upgrades to City facilities. The Port believes installing aluminum coated roofs on its terminals would result in more energy efficient facilities. Staff anticipates replacing every Port building with an energy efficient aluminum coated roof as replacements are deemed necessary / needed. The Port worked with DPW to complete a study of Port facilities (FCAP) which looked at all the Port buildings and the need for replacement of roofs on each building. The Port will continue to replace roofs and do other energy efficient upgrades based on results of this study as needed.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee **Account No.:** _____
Project/Program Title: Energy Efficient Initiatives / Upgrades

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request						\$0
2016 Projection						\$0
2017 Projection	\$100,000					\$100,000
2018 Projection						\$0
2019 Projection	\$100,000					\$100,000
2020 Projection						\$0
Total Six Year Cost	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Total Project Cost	\$200,000	\$0	\$0	\$0	\$0	\$200,000

Life to Date Expenditures (Project Only)	2015	2016	2017	2018	2019	2020
	\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

Thorough Cost Estimate 2015 2016 2017 2018 2019 2020

Limited Information

Based on Cost of Similar Projects

Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

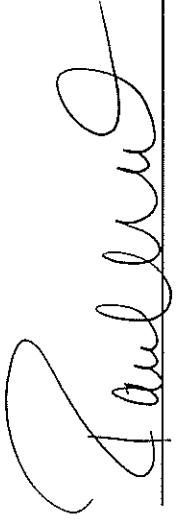
Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: _____ TBD

Estimated Completion Date: _____ TBD


 Department Head Signature

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/21/2014
Project/Program:	Energy Efficient Initiatives / Upgrades	Current Request:	
Prepared By:	Hattie Billingsley	6 Yr Total:	\$200,000
Dept Head:	Paul Vornholt		

General Project/Program Description:
 This funding is used for energy efficient upgrades in Port structural facilities such as lighting, HVAC, roofs and other mechanical parts.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety ?
	X			Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate ?
	X			Does the project promote long-term regulatory compliance ?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
X				What return on investment will this project generate?
X				What is the expected payback period for this project?
X				Does the project minimize life-cycle costs ?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs ?
	X			Will the project lead to increased productivity or service improvements ?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity ? (e.g. user fees)
X				Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Energy Efficient Initiatives / Upgrades

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
X				Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Harbor Maintenance Dredging Requesting Department: Port of Milwaukee
 Prepared By/Phone Ext: Hattie Billingsley / x-3649 Department Head Signature: *[Signature]*
 Account No: PT18080200

A) Department Priority 11 of 14 Useful Life 50 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The Port of Milwaukee is required to maintain the navigation channels in certain areas of the harbor. Periodic dredging is required to maintain the required depth. This program allows the Port's navigation channel to be well maintained for lease and cargo operations. Well maintained channels are essential to the Port's continued successful operation and its ability to meet the objectives of the mission statement. Lease documents often require the Port to maintain navigation channels for the tenants. Loss of revenue to the City will result if the navigation channels are not maintained in a safe and useable condition.

G) Additional Comments

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee **Account No.:** PT18080200
Project/Program Title: Harbor Maintenance Dredging

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request						\$0
2016 Projection	\$200,000	\$800,000				\$1,000,000
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection	\$150,000	\$600,000				\$750,000
Total Six Year Cost	\$350,000	\$1,400,000	\$0	\$0	\$0	\$1,750,000
Total Project Cost	\$350,000	\$1,400,000	\$0	\$0	\$0	\$1,750,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

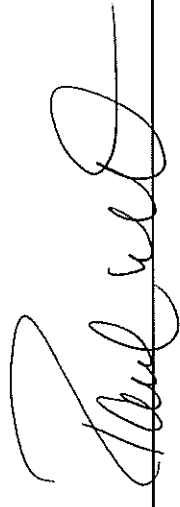
Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: _____ TBD

Estimated Completion Date: _____ TBD


 Department Head Signature

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/21/2014
Project/Program:	Harbor Maintenance Dredging	Current Request:	\$0
Prepared By:	Hattie Billingsley	6 Yr Total:	\$350,000
Dept Head:	Paul Vornholt		

General Project/Program Description:
 Funding for periodic dredging of the Port's navigation channels in certain areas of the harbor.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety ?
	X			Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate ?
	X			Does the project promote long-term regulatory compliance ?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs ?
	X			Will the project lead to increased productivity or service improvements ?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity ? (e.g. user fees)
	X			Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Harbor Maintenance Dredging

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Secured Ferry Terminal Parking Facilities Requesting Department: Port of Milwaukee
 Prepared By/Phone Ext: Hattie Billingsley / x-3649 Department Head Signature: [Signature]
 Account No: PT180050100

A) Department Priority 12 of 14 Useful Life 30 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 The mission of the Port of Milwaukee is to enhance the overall economic vitality of our region by stimulating trade, business and employment. The federal Department of Homeland Security has mandated new laws and regulations regarding security at US Ports. This program would provide additional improvement of the long term parking facilities in support of Port passenger operations. Providing secure facilities is vital, as well as mandatory, to continued success in attracting passengers to the Port of Milwaukee.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee **Account No:** PT180050100
Project/Program Title: Secured Ferry Terminal Parking Facilities

Year	Special Assessment			Total Cost
	Tax Levy/Borrowing	Grant & Aid	Revenue	
Remaining Balance for 2014				\$0
2015 Budget Request				\$0
2016 Projection				\$0
2017 Projection	\$100,000			\$100,000
2018 Projection				\$0
2019 Projection				\$0
2020 Projection				\$0
Total Six Year Cost	\$100,000	\$0	\$0	\$100,000
Total Project Cost	\$100,000	\$0	\$0	\$100,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0
-----	-----	-----	-----

Available Cost Estimate:

Thorough Cost Estimate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source?

- Yes No Uncertain
 Yes No Uncertain
 Yes No Uncertain
 Yes No Uncertain

Are cost estimates based on industry standards?

Will city employees be performing any portion of the work?

Did you perform a cost/benefit analysis?

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: TBD

Estimated Completion Date: TBD


 Department Head Signature

Prepared By/Phone Ext

Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/21/2014
Project/Program:	Secured Ferry Terminal Parking Facilities	Current Request:	\$0
Prepared By:	Hattie Billingsley	6 Yr Total:	\$100,000
Dept Head:	Paul Vornholt		

General Project/Program Description:
 This program provides funds to make improvements to or provide additional secured parking facilities for the Lake Express Ferry Terminal as may be mandated by the lease or by the federal Department of Homeland Security.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety ?
		X		Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate ?
X				Does the project promote long-term regulatory compliance ?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs ?
		X		Will the project lead to increased productivity or service improvements ?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity ? (e.g. user fees)
	X			Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: **Secured Ferry Terminal Parking Facilities**

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: City Heavy Lift Dock Improvements

Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley / x-3649

Department Head Signature: *[Signature]*

Account No: _____

A) Department Priority 13 of 14 Useful Life 30 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 2

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The mission of the Port of Milwaukee is to enhance the overall economic vitality of our region by stimulating trade, business and employment. It is vital to this mission that the Port's infrastructure is maintained in excellent condition. The dockage and winter mooring provided by the Port to the shipping commerce is dependent upon maintaining and improving the Port's docks. The Port desires to make major improvements to the City Heavy Lift Dock with funding from the state's Harbor Assistance program. The improvements would strengthen the dock to increase the weight bearing load of cranes used at the dock and to lengthen the dock to increase the number of docking berths. In addition, dredging would be done resulting in increased size or load capacity of vessels docking at the CHLD. The expected cost of the project would be funded 80% by the state with the City providing matching funds of 20%.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: City Heavy Lift Dock Improvements

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request						\$0
2016 Projection						\$0
2017 Projection	\$520,000	\$2,080,000				\$2,600,000
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$520,000	\$2,080,000	\$0	\$0	\$0	\$2,600,000
Total Project Cost	\$520,000	\$2,080,000	\$0	\$0	\$0	\$2,600,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source?

Are cost estimates based on industry standards?

Will city employees be performing any portion of the work?

Did you perform a cost/benefit analysis?

- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: TBD

Estimated Completion Date: TBD

Department Head Signature



Prepared By/Phone Ext

Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/21/2014
Project/Program:	City Heavy Lift Dock Improvements	Current Request:	
Prepared By:	Hattie Billingsley	6 Yr Total:	\$520,000
Dept Head:	Paul Vornholt		

General Project/Program Description:

The project entails a major overhaul of the City's Heavy Lift Dock located on Jones Island. Anticipated rehab of the dock would include reinforcement of the dock to increase load capacity and lengthening of the dock to increase the number of berthing stations for increased capability of docking multiple vessels. The project would also include dredging which would allow for larger ships with greater loads to utilize the City Heavy Lift Dock.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
X				What return on investment will this project generate?
X				What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

This project will increase the opportunity to have ships dock at the Port of Milwaukee which will potentially increase dockage, wharfage, crane and labor revenue for the Port.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: City Heavy Lift Dock Improvements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		X		How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
X				Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Transload Terminal Facility

Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley / x-3649

Department Head Signature: *[Signature]*

Account No: _____

A) Department Priority 14 of 14 Useful Life 30 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 3

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The mission of the Port of Milwaukee is to enhance the overall economic vitality of our region by stimulating trade, business and employment. It is vital to this mission that the Port provide the necessary facilities to accommodate the various transportation modes in today's marketplace. Growing market trends indicate that a transload facility for intermodal transportation between rail / truck and water (ferry / barges) will enhance the Port's development and allow the Port to capture a greater share of the transportation market.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee Account No: _____
 Project/Program Title: Transload Terminal Facility

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request						\$0
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection	\$350,000	\$1,400,000				\$1,750,000
Total Six Year Cost	\$350,000	\$1,400,000	\$0	\$0	\$0	\$1,750,000
Total Project Cost	\$350,000	\$1,400,000	\$0	\$0	\$0	\$1,750,000

Life to Date Expenditures (Project Only) \$0 \$0 \$0 \$0 \$0

Available Cost Estimate:

Thorough Cost Estimate	2015	2016	2017	2018	2019	2020
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: TBD
 Estimated Completion Date: TBD

Department Head Signature 

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/21/2014
Project/Program:	Transload Terminal Facility		
Prepared By:	Hattie Billingsley	Current Request:	\$0
Dept Head:	Paul Vornholt	6 Yr Total:	\$350,000

General Project/Program Description:

This project is to provide funding for an intermodal facility which is still in the conceptual phase. The concept is one of continued economic development to upgrade and advance the Port of Milwaukee's position as a first class Port providing various transportation modes for the Southeastern Wisconsin region.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety ?
		X		Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate ?
		X		Does the project promote long-term regulatory compliance ?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
X			TBD	What return on investment will this project generate?
X			TBD	What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs ?
		X		Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs ?
X				Will the project lead to increased productivity or service improvements ?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity ? (e.g. user fees)
	X			Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Transload Terminal Facility

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Fleet - Major Capital Equipment

Requesting Department: DPW - Operations - Fleet

Prepared By/Phone Ext: Paul Klajbor x3271

Department Head Signature: *Ghessa Kuhn*

Account No: BU110140900

A) Department Priority 1 of 1 Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This project involves the annual replacement of major capital fleet equipment that has exceeded its expected life and is beyond economical repair. An analysis of the City's fleet of motor vehicles indicates that at a point in a vehicle's life cycle, the cost of operating that vehicle begins to rise as downtime and frequency of repairs increase.

G) Additional Comments

This is the 2014 level of equipment. With this level of funding, the average age of the capital equipment moves from 12.2 years to 12.3 years. This does include 3 automated trucks.

Capital Improvement Request Part II

Requesting Department: DPW - Operations - Fleet

Project/Program Title: Fleet - Major Capital Equipment

Account No.: BU110140900

Special Assessment Revenue

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$7,517,000					\$7,517,000
2016 Projection	\$8,000,000					\$8,000,000
2017 Projection	\$8,240,000					\$8,240,000
2018 Projection	\$8,500,000					\$8,500,000
2019 Projection	\$8,755,000					\$8,755,000
2020 Projection	\$9,018,000					\$9,018,000
Total Six Year Cost	\$50,030,000	\$0	\$0	\$0	\$0	\$50,030,000
Total Project Cost	\$50,030,000	\$0	\$0	\$0	\$0	\$50,030,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: On-going

Estimated Completion Date: On-going

Department Head Signature



Prepared By/Phone Ext

Paul Klajbor x3271

CIC - Capital Improvement Request Part III

Department:	DPW - Operations - Fleet	Date Submitted:	3/21/2014
Project/Program:	Fleet - Major Capital Equipment		
Prepared By:	Paul Klajbor x3271	Current Request:	\$7,517,000
Dept Head:	Ghassan Korban	6 Yr Total:	\$50,030,000

General Project/Program Description:

This project involves the annual replacement of major capital fleet equipment that has exceeded its expected life and is beyond economical repair. An analysis of the City's fleet of motor vehicles indicates that at a point in a vehicle's life cycle, the cost of operating that vehicle begins to rise as downtime and frequency of repairs increase. This is the 2014 level of equipment. With this level of funding, the average age of the capital equipment moves from 12.2 years to 12.3 years. This does include 3 automated trucks.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

New vehicles are safer than older vehicles, which may have damage and wear and tear.

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

There is no regulatory compliance to consider.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
X				Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

An analysis of the City's fleet of motor vehicles indicates that at a point in a vehicle's life cycle, the cost of operating that vehicle begins to rise as downtime and frequency of repairs increase. Additionally, many new vehicles are more fuel efficient than older models, but it is a case by case basis. Finally, some of these vehicles will use alternative fuels.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Fleet - Major Capital Equipment

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

This is for vehicles, no area plan implications.

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

The project does not include a facility.

Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

The project does not directly effect economic or community development.

Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

None, where applicable, grant funding is used for alternative fuels, but no specific grant is known at this time.

Equipment Name	Units	Cost Each	Dollars
Backhoe/Loader	1	129,000	129,000
Chipper, Brush	3	53,000	159,000
Sweeper	2	196,000	392,000
Tractor Light, Multi-Purpose	2	100,000	200,000
Tractor, Front-End Wheel Loader	1	155,000	155,000
Truck, Aerial, 50 Ft. Utility Body	1	180,000	180,000
Truck, Digger-Derrick	1	220,000	220,000
Truck, Dump, 2 Yard w/Crane	6	52,000	312,000
Truck, Dump, 5 Yard w/Underbody Plow	10	170,000	1,700,000
Truck, Dump, 16 Yard Tri-Axle	2	155,000	310,000
Truck, Dump, 24 Yard Chip Body	1	110,000	110,000
Truck, Packer, 25 Yard Rearload/Recycle	7	285,000	1,995,000
Truck, Packer, 27 Yard Automated Recycle	3	380,000	1,140,000
Truck, Packer, 31 Yard Top Load	1	265,000	265,000
Truck, Road Patcher	1	250,000	250,000

2014 Level Total for 2015 .

7,517,000

The **2014 Level Total** figure reflects an amount that will slightly increase the age of the Capital fleet vehicles. Older vehicles require more maintenance and repairs, and experience increased downtime, which affect the delivery of City services

Optimal average age expected using desired replacement schedule - **6.0** years

Current average age of capital equipment - **12.2 years**.

Estimated average age of capital equipment based on above funding level -

Capital Improvement Request Form Part I

Project/Program Title: Concealed Irrigation/General Landscaping Requesting Department: DPW-Operations-Forestry
 Prepared By/Phone Ext: David Sivyer, X 3729 Department Head Signature: *Ghassan Kuhn*
 Account No: PR581080300

A) Department Priority 3 of 7 Useful Life 50 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other Tied to City's Paving and Green Streets Program

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions 7 Total FTEs 3.5

Position Title	No. of Positions	FTEs	Salaries
<u>Irrigation Professionals</u>	<u>2</u>	<u>1.5</u>	<u>\$ 177,348</u>
<u>Urban Forestry Specialist</u>	<u>2</u>	<u>1.0</u>	<u>\$ 84,811</u>
<u>Urban Forestry Manager</u>	<u>3</u>	<u>1.0</u>	<u>\$ 144,875</u>

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 This program maintains, modifies and updates the City's boulevard irrigation system in support of the Sustainable Boulevards, Green Streets and Street Reconstruction programs.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW-Operations-Forestry Account No: PR581080300
 Project/Program Title: Concealed Irrigation/General Landscaping

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$500,000					\$500,000
2016 Projection	\$500,000					\$500,000
2017 Projection	\$500,000					\$500,000
2018 Projection	\$500,000					\$500,000
2019 Projection	\$500,000					\$500,000
2020 Projection	\$500,000					\$500,000
Total Six Year Cost	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Total Project Cost	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

Thorough Cost Estimate 2015 2016 2017 2018 2019 2020

Limited Information

Based on Cost of Similar Projects

Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 03/01/15

Estimated Completion Date: 12/01/15

Ghessan Kuhn

Department Head Signature

Prepared By/Phone Ext

David Siver, X 3729

CIC - Capital Improvement Request Part III

Department:	Department of Public Works - Operations Division - Forestry	Date Submitted:	3/21/2014
Project/Program:	Concealed Irrigation and General Landscaping		
Prepared By:	David Sivyer	Current Request:	\$500,000
Dept Head:	Ghassan Korban	6 Yr Total:	\$3,000,000

General Project/Program Description:

This program maintains, modifies and updates the City's boulevard irrigation system in support of the Sustainable Boulevards, Green Streets and Street Reconstruction programs.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Maintains functional back-flow preventors as required by the Wisconsin State Plumbing Code.

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate ?
X				Does the project promote long-term regulatory compliance ?
X				Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Maintains boulevard irrigation system in accordance with the Wisconsin State Plumbing Code.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs ?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs ?
		X		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance ?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity ? (e.g. user fees)
		X		Will the project result in a reduction in energy use ?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations ?
		X		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

Preventative maintenance and updating of irrigation infrastructure (deep taps, valves, piping, connections, etc.) prevents leaks and more costly emergency repairs, while updating system components to the Wisconsin State Plumbing Code.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Concealed Irrigation and General Landscaping

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
X				Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
X				Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
The repair / replacement of concealed irrigation systems, as well as the general landscaping of the boulevards supports the City's Paving Program, Green Streets Program and Sustainable Boulevards improvements approved by the Common Council.				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
X				How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
The irrigation infrastructure (deep water taps/valves/pipe) in the boulevards are replaced, modified or updated as the streets are repaved, Green Street bioswales are installed, condition and age warrant replacement. Maintaining a functional and modern irrigation system is critical to the health and survival of a multi-million dollar inventory of landscape improvements.				
Economic / Community Development				
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Well maintained landscaped boulevards invite and support commercial development and healthy neighborhoods.				
Special Considerations				
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
X				Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				

Capital Improvement Request Form Part I

Project/Program Title: Tree Planting and Production

Requesting Department: DPW-Operations-Forestry

Prepared By/Phone Ext: David Sivyer, X 3729

Department Head Signature: *Ghassan Kuhn*

Account No: PR58180100

A) Department Priority 2 of 7 Useful Life 50 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other Directly tied to City's paving and street tree replacement programs

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 32 Total FTEs 13.3

Position Title	No. of Positions	FTEs	Salaries
Urban Forestry Staff	24	9.0	\$ 751,863
Urban Forestry Technician	1	1.0	\$ 108,500
Nursery Staff	7	3.3	\$ 275,423

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This request for 5,141 trees includes the replacement of 669 street trees removed in street construction projects completed in 2014; and replacement of 4,472 diseased or dead street trees removed in 2013. The Environmental Services section of the Operation's Division has identified a 98% street tree stocking goal and improved intra-block street tree diversity to protect the City against catastrophic street tree losses from Emerald Ash Borer and other threatening pests and diseases as a short and long range outcome. Reductions in this program will result in a loss of urban tree canopy, reduced property values and neighborhood quality, and increases in storm water runoff, energy consumption, and air pollution. Reductions will also eliminate trees and other landscape improvements that have been promised during construction discussions with property owners, neighborhood associations and respective aldermen.

G) Additional Comments

Increased funding for the local streets paving program is increasing the need for replacement of street trees removed during construction.

Capital Improvement Request Part II

Requesting Department: DPW-Operations-Forestry Account No: PR58180100
 Project/Program Title: Tree Planting and Production

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$0					\$0
2015 Budget Request	\$1,694,000					\$1,694,000
2016 Projection	\$1,700,000					\$1,700,000
2017 Projection	\$1,700,000					\$1,700,000
2018 Projection	\$1,700,000					\$1,700,000
2019 Projection	\$1,700,000					\$1,700,000
2020 Projection	\$1,700,000					\$1,700,000
Total Six Year Cost	\$10,194,000	\$0	\$0	\$0	\$0	\$10,194,000
Total Project Cost	\$10,194,000	\$0	\$0	\$0	\$0	\$10,194,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 03/01/15

Estimated Completion Date: 12/01/15

Department Head Signature

Gherson Kuhn

Prepared By/Phone Ext

David Sivyer, X 3729

CIC - Capital Improvement Request Part III

Department:	Department of Public Works - Operations Division - Forestry	Date Submitted:	3/21/2014
Project/Program:	Tree Planting and Production		
Prepared By:	David Sivyer	Current Request:	\$1,694,000
Dept Head:	Ghassan Korban	6 Yr Total:	\$10,194,000

General Project/Program Description:
 This request for 5,141 trees includes the replacement of 669 street trees removed in street construction projects completed in 2014; and replacement of 4,472 diseased or dead street trees removed in 2013. The Forestry section has identified a 98% street tree stocking goal and improved intra-block street tree diversity as short and long-range goals.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
X				Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:
 Trees planted along streets reduce storm water runoff, total suspended solids, and non-point source pollutants

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
	X			Will the project lead to increased productivity or service improvements?
X			No increase	Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X			Tree sales to other cities	Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 The Nursery generates over \$100,000 annually in nursery plant sales, including trees, to external customers. Street trees reduce energy use for cooling and extend pavement life.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Tree Planting and Production

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
X				Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
X				Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
Benefits of this program are urban tree canopy, increased property values and neighborhood quality, and decreases in storm water runoff, energy consumption, and air pollution				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
X				Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
Program replaces street trees (infrastructure) that has exceeded its useful life. Long-term maintenance costs exceed replacement cost but are lower than quantitative benefits derived from a well maintained street tree population.				
Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
X				Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Numerous studies have documented the economic benefit of trees in terms of community and economic development and stability.				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
X				Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
Some of the replacement trees are done in conjunction with street construction completed in 2014. Emerald ash borer threatens 17% of Milwaukee's street tree population (33,000 ash street trees) that will eventually need to be replaced				

Capital Improvement Request Form Part I

Project/Program Title: Hazardous Tree Removals Requesting Department: DPW - Operations - Forestry
 Prepared By/Phone Ext: Paul Klajbor x3271 Department Head Signature: *Elizabeth Kuhn*
 Account No: PR58180900

A) Department Priority 6 of 7 Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other

Funding for paying contractors for Hazard Tree removals if people chose to pay over 6 years. _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D)

Position Title	No. of Positions	FTEs	Salaries	\$
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

File number 120636 changed Hazard Tree charges from special charges, due in the current year, to special assessments, which are paid over 6 years. However, the contract that removes the tree needs to be paid in the current year. This SPA allows us to dedicate funds to be spent only for paying the contract for removing Hazard Trees. The City would then be made whole over the 6 year pay back period. This was a new program in 2013 using 2012 carry over dollars. In 2014 this Capital Account was created to fund the payments.

G) Additional Comments

In 2013, when the program was implemented for a partial year, few people used the option. We anticipate additional usage as EAB grows and more trees are deemed hazardous and need to be removed.

Capital Improvement Request Part II

Requesting Department: DPW - Operations - Forestry

Project/Program Title: Hazardous Tree Removals

Account No: PR58180900

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$75,000					\$75,000
2015 Budget Request	\$75,000					\$75,000
2016 Projection	\$75,000					\$75,000
2017 Projection	\$75,000					\$75,000
2018 Projection	\$75,000					\$75,000
2019 Projection	\$75,000					\$75,000
2020 Projection	\$75,000					\$75,000
Total Six Year Cost	\$450,000	\$0	\$0	\$0	\$0	\$450,000
Total Project Cost	\$525,000	\$0	\$0	\$0	\$0	\$625,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: _____ On-going

Estimated Completion Date: _____ On-going

Department Head Signature



Prepared By/Phone Ext

Paul Klajbor x3271

CIC - Capital Improvement Request Part III

Department:	DPW - Operations - Forestry	Date Submitted:	3/21/2014
Project/Program:	Hazardous Tree Removals		
Prepared By:	Paul Klajbor x3271	Current Request:	\$75,000
Dept Head:	Ghassan Korban	6 Yr Total:	\$450,000

General Project/Program Description:

File number 120636 changed Hazard Tree charges from special charges, due in the current year, to special assessments, which are paid over 6 years. However, the contract that removes the tree needs to be paid in the current year. This SPA allows us to dedicate funds to be spent only for paying the contract for removing Hazard Trees. The City would then be made whole over the 6 year pay back period. This was a new program in 2013 using 2012 carry over dollars. In 2014 this Capital Account was created to fund the payments.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

This is a funding mechanism to pay the contractor for work removing hazardous trees in the current year and allow the homeowner to pay the cost over 6 years with interest.

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Does not apply

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations?
		X		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

Does not apply

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Hazardous Tree Removals

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
Does not apply				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
Does not apply				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Does not apply				
Yes	No	N/A	Amount	Special Considerations
X			Fully funded by property owner over 6 years	Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
This is a funding mechanism to pay the contractor for work in the current year and allow the homeowner to pay the cost over 6 years with interest.				

Capital Improvement Request Form Part I

Project/Program Title: Stump Removal

Requesting Department: DPW-Operations-Forestry

Prepared By/Phone Ext: David Sivyer, X 3729

Department Head Signature: *Ghassan Kuhn*

Account No: PR58180700

A) Department Priority 4 of 7 Useful Life N/A Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other Tied to paving program

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The Forestry Section generates an average of 3,600 new stumps annually from the removal of dead and dying street trees and street trees impacted by local street paving and sidewalk construction programs. At current staffing levels the Forestry section has the capacity to remove approximately 2,300 stumps annually, resulting in an annual deficit of 1,300 stumps. A backlog of 1,240 stumps carried over from 2013 is expected to grow to 2,500 stumps by the end of 2014. This request provides funds for contract removal of 1,300 stumps annually beginning in 2015. As new street trees are typically planted in the same location as existing stumps, a backlog in stumps will create a backlog in tree planting.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW-Operations-Forestry Account No: PR58180700
 Project/Program Title: Stump Removal

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$360,000					\$360,000
2016 Projection	\$360,000					\$360,000
2017 Projection	\$360,000					\$360,000
2018 Projection	\$360,000					\$360,000
2019 Projection	\$360,000					\$360,000
2020 Projection	\$360,000					\$360,000
Total Six Year Cost	\$2,160,000	\$0	\$0	\$0	\$0	\$2,160,000
Total Project Cost	\$2,160,000	\$0	\$0	\$0	\$0	\$2,160,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

Thorough Cost Estimate	2015	2016	2017	2018	2019	2020
Limited Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 03/01/15

Estimated Completion Date: 12/01/15

Department Head Signature



Prepared By/Phone Ext

David Siver, X 3729

CIC - Capital Improvement Request Part III

Department:	Department of Public Works - Operations Division - Forestry	Date Submitted:	3/21/2014
Project/Program:	Stump Removal		
Prepared By:	David Sivyer	Current Request:	\$360,000
Dept Head:	Ghassan Korban	6 Yr Total:	\$2,160,000

General Project/Program Description:
 The Forestry Section generates an average of 3,600 new stumps annually from the removal of dead and dying street trees and street trees impacted by local street paving and sidewalk construction programs. Current understaffing levels result in an annual deficit of 1,300 stumps that need to be removed with a contract workforce to support timely replanting.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:
 Stumps in the tree border represent a potential tripping hazard and are unsightly.

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
X				Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:
 As replacement trees are planted in the same location as existing stumps, a backlog in stumps will create a backlog in tree planting.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 Timely removal of stumps will allow new replacement street trees to be planted.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: **Stump Removal**

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X			Tree planting goals	Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
X			supports tree planting	Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
X				Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
Supports tree planting and mitigates unsightly stumps on street				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
X				How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	X			Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
A backlog in stumps will adversely impact the Forestry Section's goals of replacing street trees within 1 year of removal.				
Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
X				Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Numerous studies have documented the environmental, public health and economic benefits of urban tree canopy and tree lined streets.				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
A backlog in stumps will adversely impact the Forestry Section's goals of replacing street trees within 1 year of removal.				

Capital Improvement Request Form Part I

Project/Program Title: Emerald Ash Borer Response Requesting Department: DPW-Operations-Forestry
 Prepared By/Phone Ext: David Sivyer, x3729 Department Head Signature: *Gloria Kuhn*
 Account No: PR58180600

A) Department Priority 1 of 7 Useful Life N/A Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development
 Economic Information Systems Equipment Other Prevents catastrophic loss of tree canopy benefits and property values in neighborhoods with ash street trees

C) Project/Program Duration

One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions 15 Total FTEs 5.0

Position Title	No. of Positions	FTEs	Salaries
<u>Urban Forestry Specialist</u>	<u>12</u>	<u>4.0</u>	\$ <u>339,321</u>
<u>Urban Forestry Manager</u>	<u>3</u>	<u>1.0</u>	\$ <u>144,870</u>
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Milwaukee's 193,000 street trees constitute a \$280 million capital asset. A 4-6 year old Emerald Ash Borer (EAB) infestation was confirmed in Milwaukee in 2012. EAB is responsible for killing over 60 million ash trees in the Midwest. Risk assessment work completed by the Forestry Section has identified 33,000 ash street trees having a capital asset value of \$47 million and representing 17% of Milwaukee's street tree population, plus an additional 540,000 ash trees city wide at risk to Emerald Ash Borer. To manage public risk associated with an EAB infestation, the Forestry Section plans to treat 1/2 of the ash street tree population annually while transitioning to resistant species over time. Biannual pesticide injections in advance of EAB attack have proven highly effective in protecting ash trees. Chemical residual testing conducted at UW Madison in 2012 confirm current dosing and treatment frequency is most cost effective to protect the City's ash street trees.

G) Additional Comments

The cost to remove and replace the city's 33,000 ash street trees is conservatively estimated at \$28 million. As EAB is well established in the City of Milwaukee, in the absence of treatment 28,000 protected ash street trees would be expected to die over a 6-8 year period. Annual removal and replacement costs for 4,000 trees annually would approximate \$3.4 million. Approximately 5,000 unprotected ash street trees less than 8" diameter will be removed and replaced by Forestry over the next 6-8 years.

Capital Improvement Request Part II

Requesting Department: DPW-Operations-Forestry Account No: PR58180600
 Project/Program Title: Emerald Ash Borer Response

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$984,000					\$984,000
2016 Projection	\$984,000					\$984,000
2017 Projection	\$984,000					\$984,000
2018 Projection	\$984,000					\$984,000
2019 Projection	\$984,000					\$984,000
2020 Projection	\$984,000					\$984,000
Total Six Year Cost	\$5,904,000	\$0	\$0	\$0	\$0	\$5,904,000
Total Project Cost	\$5,904,000	\$0	\$0	\$0	\$0	\$5,904,000

Life to Date Expenditures (Project Only)

	2015	2016	2017	2018	2019	2020
Available Cost Estimate:						
Thorough Cost Estimate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 05/01/15
 Estimated Completion Date: 09/30/15

Department Head Signature



Prepared By/Phone Ext

David Sivyer, X 3729

CIC - Capital Improvement Request Part III

Department:	Department of Public Works - Operations Division - Forestry	Date Submitted:	3/21/2014
Project/Program:	Emerald Ash Borer Response		
Prepared By:	David Sivyer	Current Request:	\$984,000
Dept Head:	Ghassan Korban	6 Yr Total:	\$5,904,000

General Project/Program Description:

Milwaukee's 33,000 ash street trees constitute a \$47 million capital asset. A 4-6 year old Emerald Ash Borer (EAB) infestation was confirmed in Milwaukee in 2012. EAB kills all unprotected trees. To manage public risk associated with EAB, the Forestry Section plans to treat 1/2 of the ash street tree population annually while transitioning to resistant species over time.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
X				Will there be a serious negative impact on the City if compliance is not achieved?
X				Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
X				What return on investment will this project generate?
		X		What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction in energy use?
		X		Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
X				Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

The cost to remove and replace the city's 33,000 ash street trees is conservatively estimated at \$28 million. As EAB is well established in the City of Milwaukee, in the absence of treatment 28,000 protected ash street trees would be expected to die over a 6-8 year period. Annual removal and replacement costs for 4,000 trees annually would approximate \$3.4 million.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Emerald Ash Borer Response

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
X				Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
X				Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
The City's ash street trees and general public would be at significant risk without the injection program. An uncontrolled ash borer infestation will result in the sudden decline and eventual death of 33,000 ash street trees and significantly impact public safety, quality of life, neighborhood stability, storm water reduction, energy use, and increase blight across the City.				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
X				How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
The project protects 17% of the City Street Tree Infrastructure; a \$47 million asset, and supports a transition to resistant species over time and within existing budget and staffing allocations. At a cost of approximately \$35.00 per tree/year, the injection program extends the life of a protected tree and avoids the expense of removal and replacement (\$850.00/tree).				
Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
The project preserves the myriad of benefits afforded by a healthy street tree population, including neighborhood stability and community development.				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
X				Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
The cost to remove and replace the city's 33,000 ash street trees is conservatively estimated at \$28 million. As EAB is well established in the City of Milwaukee, in the absence of treatment 28,000 protected ash street trees would be expected to die over a 6-8 year period. Annual removal and replacement costs for 4,000 trees annually would approximate \$3.4 million.				

Capital Improvement Request Form Part I

Project/Program Title: EAB Ash Transition

Requesting Department: DPW-Operations-Forestry

Prepared By/Phone Ext: David Sivyer, X 3729

Department Head Signature: *Gabe Kuhn*

Account No: New account

A) Department Priority 5 of 7 Useful Life NA Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other Tied to City's Emerald Ash Borer Mgmt Strategy

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

A 4-6 year old Emerald Ash Borer (EAB) infestation was confirmed in Milwaukee in 2012. To manage public risk associated with an EAB infestation, the Forestry Section treats approximately 14,000 ash street trees greater than 8" diameter on a biannual schedule. Approximately 5,000 ash street trees 8" or less have never been treated and need to be removed and replaced. This request funds contract removal and replacement of 900 ash trees in 2015. This schedule will enable all small diameter untreated ash street trees to be removed and replaced over a 5-6 year time frame.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW-Operations-Forestry Account No: New account
 Project/Program Title: EAB Ash Transition

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$900,000					\$900,000
2016 Projection	\$900,000					\$900,000
2017 Projection	\$900,000					\$900,000
2018 Projection	\$900,000					\$900,000
2019 Projection	\$900,000					\$900,000
2020 Projection	\$900,000					\$900,000
Total Six Year Cost	\$5,400,000	\$0	\$0	\$0	\$0	\$5,400,000
Total Project Cost	\$5,400,000	\$0	\$0	\$0	\$0	\$5,400,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 03/01/15
 Estimated Completion Date: 12/01/15

Department Head Signature Sheena Kubin
 Prepared By/Phone Ext David Sivyer, X 3729

CIC - Capital Improvement Request Part III

Department:	Department of Public Works - Operations Division - Forestry	Date Submitted:	3/21/2014
Project/Program:	Ash Transition		
Prepared By:	David Sivyer	Current Request:	\$900,000
Dept Head:	Ghassan Korban	6 Yr Total:	\$5,400,000

General Project/Program Description:
 A 4-6 year old Emerald Ash Borer (EAB) infestation was confirmed in Milwaukee in 2012. To manage public risk associated with an EAB infestation, the Forestry Section treats approximately 14,000 ash street trees greater than 8" diameter on a biannual schedule. Approximately 5,000 ash street trees 8" or less have never been treated and need to be removed and replaced. This request funds contract removal and replacement of 900 ash trees in 2015. This schedule will enable all small diameter untreated ash street trees to be removed and replaced over a 5-6 year time frame.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:
 All untreated ash trees are at risk of being killed by Emerald Ash Borer (EAB). Dead and dying ash street trees would constitute a public safety hazard to people and property.

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
	X			Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 Removal and replacement of untreated ash trees in advance of EAB infestation will avoid treatment cost to manage public safety risks.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Ash Transition

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
X				Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
The project will eliminate ash street trees that would otherwise be killed by EAB and provides resistant replacement trees that will restore the lost tree canopy impacts.				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
X				How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
The project removes small untreated ash street trees that would be killed by EAB.				
Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
The project will eliminate adverse impacts associated with dead and dying ash street trees and provide new street trees to maintain neighborhood character and environmental benefits provided by urban tree canopy.				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
X				Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
All untreated ash trees are expected to become infested and killed by EAB within 6 years.				

Capital Improvement Request Form Part I

Project/Program Title: Forestry HQ Modifications Account Requesting Department: DPW - Operations - Forestry
 Prepared By/Phone Ext: Paul Klajbor x3271 Department Head Signature: *Gherson Kuhn*
 Account No: New account

A) Department Priority 7 of 7 Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years On-going

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

As the Forestry facilities age, there is a greater need for on-going maintenance that is not funded elsewhere. This account would provide funding for repairs and maintenance at Forestry facilities.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW - Operations - Forestry

Project/Program Title: Forestry HQ Modifications Account

Account No: New account

Special Assessment

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Enterprise	Total Cost
Remaining Balance for 2014					\$0
2015 Budget Request	\$125,000				\$125,000
2016 Projection	\$50,000				\$50,000
2017 Projection	\$50,000				\$50,000
2018 Projection	\$50,000				\$50,000
2019 Projection	\$50,000				\$50,000
2020 Projection	\$50,000				\$50,000
Total Six Year Cost	\$375,000	\$0	\$0	\$0	\$375,000
Total Project Cost	\$375,000	\$0	\$0	\$0	\$375,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: On-going

Department Head Signature



Prepared By/Phone Ext

Paul Klajbor x3271

CIC - Capital Improvement Request Part III

Department:	DPW - Operations - Forestry	Date Submitted:	3/21/2014
Project/Program:	Forestry HQ Modifications Account		
Prepared By:	Paul Klajbor x3271	Current Request:	\$125,000
Dept Head:	Ghassan Korban	6 Yr Total:	\$375,000

General Project/Program Description:

As the Forestry facilities age, there is a greater need for on-going maintenance that is not funded elsewhere. This account would provide funding for repairs and maintenance at Forestry facilities.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

None

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

None

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

This account would fund repairs to Forestry buildings. At this time, none of the repairs projected in the 2015 request would be lead to greater efficiencies or energy savings. However, over the long term, some projects would. The productivity gains would come from adding offices for staff reducing the time at shared desks, generating greater productivity.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Forestry HQ Modifications Account

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
This account is for repairs at Forestry facilities. It does not grow the footprint. It does go towards keeping the buildings in good repair, thus enhancing the neighborhood.				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
X				How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	X			Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
The repair of the Forestry facilities will extend their working life. Additionally, small amounts of on-going maintenance can help us avoid larger repairs down the road.				
Economic / Community Development				
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Does not apply				
Special Considerations				
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
None, although the longer projects are put off, they increase in price and possible in scope as larger repairs might be needed.				

Capital Improvement Request Form Part I

Project/Program Title: Sanitation Headquarters Modification - Various Sites Requesting Department: DPW - Operations - Sanitation
 Prepared By/Phone Ext: Paul Klajbor x3271 Department Head Signature: *G. Kuhn*
 Account No: BU11091100

A) Department Priority 1 of 4 Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The Environmental Services' facilities are in need of various repairs due to deferred building maintenance. This request is for the following projects. Central Area 2 New Salt Storage Structure - \$1,500,000 South 2 Maintenance and Remodel - \$55,000 North Area 1 Additional Transfer Bay - \$610,000 Central Area General Repairs - \$60,000 N2 Paving of parking lot \$30,000

G) Additional Comments

Central Area 2, which services the downtown area and east side, is in dire need of more storage for salt. South 2 needs repairs to extend its useful life. North Area 1's operations would be optimized with an additional transfer bay. This becomes an issue with leaf/brush collection and construction debris as they must be separated from regular municipal solid waste. Central Area buildings need repairs to extend their useful life.

Capital Improvement Request Part II

Requesting Department: DPW - Operations - Sanitation

Sanitation Headquarters Modification - Various Sites

Account No: BU11091100

Special Assessment

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Enterprise	Special Assessment	Total Cost
Remaining Balance for 2014	N/A					\$0
2015 Budget Request	\$2,255,000					\$2,255,000
2016 Projection	\$180,000					\$180,000
2017 Projection	\$100,000					\$100,000
2018 Projection	\$100,000					\$100,000
2019 Projection	\$100,000					\$100,000
2020 Projection	\$100,000					\$100,000
Total Six Year Cost	\$2,835,000	\$0	\$0	\$0	\$0	\$2,835,000
Total Project Cost	\$2,835,000	\$0	\$0	\$0	\$0	\$2,835,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: _____ On-going

Estimated Completion Date: _____ On-going

Department Head Signature



Prepared By/Phone Ext

Paul Klajbor x3271

CIC - Capital Improvement Request Part III

Department:	DPW - Operations - Sanitation	Date Submitted:	3/21/2014
Project/Program:	Sanitation Headquarters Modification - Various Sites		
Prepared By:	Paul Klajbor x3271	Current Request:	\$2,255,000
Dept Head:	Ghassan Korban	6 Yr Total:	\$2,835,000

General Project/Program Description:

The Environmental Services' facilities are in need of various repairs due to deferred building maintenance. This request is for the following projects. Central Area 2 New Salt Storage Structure - \$1,500,000 South 2 Maintenance and Remodel - \$55,000 North Area 1 Additional Transfer Bay - \$610,000 Central Area General Repairs - \$60,000 N2 Paving of parking lot \$30,000

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Adding a larger salt storage dome in Central would help during snow and ice operations. Currently, the central area uses the most salt covering downtown and the east side, but has the smallest capacity. There have been times when central area trucks have had to go to other locations to refill for salt.

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

There are no regulatory implications for this request.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
		X		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

This request covers numerous projects. Where applicable, all projects would involve energy efficiency improvements.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Sanitation Headquarters Modification - Various Sites

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
These are for improvements of existing buildings, there are no Area Plan implications.				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	X			Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
There are various projects. The repairs to S2 and Central area buildings do extend the useful life of the property.				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
The projects do not directly effect economic or community development.				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
These are for various projects, but generally do not have critical timing issues nor external funds to leverage.				

Capital Improvement Request Form Part I

Project/Program Title: Purchase and Install Brine Makers

Requesting Department: DPW - Operations

Prepared By/Phone Ext: Paul Klajbor x3271

Department Head Signature: *Chelsea Kuhn*

Account No: New

A) Department Priority 2 of 4 Useful Life 15 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other Snow and Ice Operations

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 3

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The Department of Public Works currently has one brine maker in the Central which it uses to apply brine before storms hit. This brine will often be placed on bridges and overpasses BEFORE a storm to prevent ice from forming. However, the supply generated is too small and localized to be applied as a pre-wet agent to be put onto the salt at the spinner on the truck. Studies have shown this to help reduce the amount of salt used as well as activate the salt immediately so it's more effective.

G) Additional Comments

Debt service could be funded on the snow and ice fee as these machines would ONLY be used for snow and ice operations. The plan would be to install a total of 3 brine makers, one in each area, but install holding tanks at all 6 Sanitation yards and then transport the brine from a production facility to the yards without brine makers. DPW would plan on doing each area before moving onto the next.

Capital Improvement Request Part II

Requesting Department: DPW - Operations Account No: New
 Project/Program Title: Purchase and Install Brine Makers

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$275,000					\$275,000
2016 Projection	\$275,000					\$275,000
2017 Projection	\$275,000					\$275,000
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$825,000	\$0	\$0	\$0	\$0	\$825,000
Total Project Cost	\$825,000	\$0	\$0	\$0	\$0	\$825,000

Life to Date Expenditures (Project Only) \$0 \$0 \$0 \$0 \$0 \$0

Available Cost Estimate:

Thorough Cost Estimate	2015	2016	2017	2018	2019	2020
Limited Information	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: Spring 2015
 Estimated Completion Date: Fall 2017

Chessa Kubin

Department Head Signature
 Prepared By/Phone Ext Paul Klajbor x3271

CIC - Capital Improvement Request Part III

Department: DPW - Operations	Date Submitted: 3/21/2014
Project/Program: Purchase and Install Brine Makers	
Prepared By: Paul Klajbor x3271	Current Request: \$180,000
Dept Head: Ghassan Korban	6 Yr Total: \$825,000

General Project/Program Description:

The Department of Public Works currently has one brine maker in the Central which it uses to apply brine before storms hit. This brine will often be placed on bridges and overpasses BEFORE a storm to prevent ice from forming. However, the supply generated is too small and localized to be applied as a pre-wet agent to be put onto the salt at the spinner on the truck. Studies have shown this to help reduce the amount of salt used as well as activate the salt immediately so it's more effective.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

The brine would be used to make snow and ice control operations more effective and would reduce the risks posed by icy roads.

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

None

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
X				What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
X			Some equipment on the trucks, but minimal	Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
X			Water to make the brine	Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

Studies have shown that using brine as a pre-wet agent on salt can increase the effectiveness of the salt as well as reduce the total amount of salt used.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: **Purchase and Install Brine Makers**

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations: Does not apply to any area plans.				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations: Does not apply to current infrastructure.				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations: Does not apply to development.				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				

Capital Improvement Request Form Part I

Project/Program Title: MRF Project

Requesting Department: DPW - Operations - Sanitation

Prepared By/Phone Ext: Paul Klajbor x3271

Department Head Signature: *Ghassan Kuhn*

Account No: BU110140800

A) Department Priority 4 of 4 Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This request is for repairs to the Material Recycling and Processing facility on Mt. Vernon. The City is working with Waukesha County on a joint recycling facility. There will be a mid-2014 request for funds to install new equipment. After consultation with DPW Facilities Staff and the Budget and Management Division, it was decided the seawall repairs could wait until 2020 for completion.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW - Operations - Sanitation Account No: BU110140800
 Project/Program Title: MRF Project

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request						\$0
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
Total Project Cost	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000

Life to Date Expenditures (Project Only)	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:	2015	2016	2017	2018	2019	2020
Thorough Cost Estimate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source?
 Yes No Uncertain
 Are cost estimates based on industry standards?
 Yes No Uncertain
 Will city employees be performing any portion of the work?
 Yes No Uncertain
 Did you perform a cost/benefit analysis?
 Yes No Uncertain

How will this project impact city operating expenditures?
 Increase Decrease None

Estimated Start Date: Year 2020
 Estimated Completion Date: Unknown

Ghassan Kuhn

Department Head Signature
 Prepared By/Phone Ext Paul Klajbor x3271

CIC - Capital Improvement Request Part III

Department:	DPW - Operations - Sanitation	Date Submitted:	3/21/2014
Project/Program:	MRF Project		
Prepared By:	Paul Klajbor x3271	Current Request:	\$2,000,000
Dept Head:	Ghassan Korban	6 Yr Total:	\$2,000,000

General Project/Program Description:

This request is for repairs to the Material Recycling and Processing facility on Mt. Vernon. The City is working with Waukesha County on a joint recycling facility. There will be a mid-2014 request for funds to install new equipment. After consultation with DPW Facilities Staff and the Budget and Management Division, it was decided the seawall repairs could wait until 2020 for completion.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Slated for 2020 project start

Yes	No	N/A	Amount	Regulatory Compliance
		C		Does the project address a legislative, regulatory or court-ordered mandate?
		C		Does the project promote long-term regulatory compliance?
		C		Will there be a serious negative impact on the City if compliance is not achieved?
		C		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Slated for 2020 project start

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations?
		X		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

Slated for 2020 project start

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: **MRF Project**

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
				Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
Slated for 2020 project start				
Yes	No	N/A	Amount	
				Infrastructure - Primarily recurring infrastructure and facility preservation programs
X			Starts new cycle	How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	X			Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
Slated for 2020 project start				
Yes	No	N/A	Amount	
				Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Slated for 2020 project start				
Yes	No	N/A	Amount	
				Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
X				Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
Slated for 2020 project start				

Capital Improvement Request Form Part I

Project/Program Title: Industrial Road Facility Relocation

Requesting Department: DPW - Operations - Sanitation

Prepared By/Phone Ext: Paul Klajbor x3271

Department Head Signature: *Gheenan Kuhn*

Account No: N/A

A) Department Priority 3 of 4 Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other Moving of North side facility

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The City (DCD) has agreed to relocate the combined Sanitation/Forestry facility, self help and transfer station from 67th & Industrial Road to a suitable site not yet determined to accommodate expansion plans of Direct Supply, Inc. At any time from now through December 13, 2019, Direct Supply can exercise the option to relocate us. Preliminary estimates of relocating the facility are \$13,500,000. The City is responsible for 50% of the relocation costs. DPW is including \$1.7 million in 2015 request for site acquisition, planning and design and approximately \$5.1 million in 2016 for construction of a new facility.

G) Additional Comments

This has been a long standing request in the event Direct Supply exercises their option. In speaking with DPW facilities staff, there is some concern that as the estimate hasn't been confirmed in years, the true scope and cost of the project is unknown. There might be some value in creating a small account to use for an actual needs study by an engineering firm to firm up the numbers and true needs of a new facility. This would be projected to cost \$150,000.

Capital Improvement Request Part II

Requesting Department: DPW - Operations - Sanitation

Industrial Road Facility Relocation

Project/Program Title: Industrial Road Facility Relocation

Account No: None allocated

Year	Special Assessment				Total Cost
	Tax Levy/Borrowing	Grant & Aid	Revenue	Assessment	
Remaining Balance for 2014					\$0
2015 Budget Request	\$1,700,000				\$1,700,000
2016 Projection	\$5,100,000				\$5,100,000
2017 Projection					\$0
2018 Projection					\$0
2019 Projection					\$0
2020 Projection					\$0
Total Six Year Cost	\$6,800,000	\$0	\$0	\$0	\$6,800,000
Total Project Cost	\$6,800,000	\$0	\$0	\$0	\$6,800,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: Uncertain

Estimated Completion Date: Uncertain

Department Head Signature



Prepared By/Phone Ext

Paul Klajbor x3271

CIC - Capital Improvement Request Part III

Department:	Department of Public Works - Operations Division - Sanitation	Date Submitted:	3/21/2014
Project/Program:	Industrial Road Facility Relocation		
Prepared By:	Paul Klajbor	Current Request:	\$1,700,000
Dept Head:	Ghassan Korban	6 Yr Total:	\$6,800,000

General Project/Program Description:

The City (DCD) has agreed to relocate the combined Sanitation/Forestry facility, self help and transfer station from 67th & Industrial Road to a suitable site not yet determined to accommodate expansion plans of Direct Supply, Inc. At any time from now through December 13, 2019, Direct Supply can exercise the option to relocate us. Preliminary estimates of relocating the facility are \$13,500,000. The City is responsible for 50% of the relocation costs. DPW is including \$1.7 million in 2015 request for site acquisition, planning and design and approximately \$5.1 million in 2016 for construction of a new facility.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
	X			Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?
Comments / Other Considerations:				
None				

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?
Comments / Other Considerations:				
None				

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
X				Does the project involve specific energy reduction strategies or features?
X				Will this project cause disruptions to regular city operations?
		X		Are there other potential costs associated with this project that are not addressed above?
Comments / Other Considerations:				

If Direct Supply exercises it's option, the complete relocation of the facility will impact regular city operations to some degree. However, until more details are known, there is no way to analyze the effects. Additionally, any new building would be more energy efficient and reduce operating costs when complete.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Industrial Road Facility Relocation

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board ?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space ?
		X		Will the project mitigate blight ?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character ?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
Presumably the option granted to Direct Supply was in keeping with the Area Plan as it was approved by the Common Council and Mayor. A possible new site for the City facility is not known at this time.				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		X		How does the request affect the replacement cycle ? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life ?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure ?
Comments / Other Considerations:				
Until more details are known, it is impossible to determine.				
Economic / Community Development				
X				Does the project have the potential to promote economic/community development in areas where growth is desired ?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
If Direct Supply exercises it's option, the complete relocation of the facility will impact economic and community development. However, until more details are known, there is no way to analyze the effects.				
Special Considerations				
X				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations ?
		X		Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
There is a time limit to the Direct Supply option. Additionally, if they exercise the option, they must pay a part of the relocation costs incurred by the City.				

**Requested
2015 CAPITAL BUDGET
DPW-ISD-FDM**

March 14, 2014

Capital Program Description				Budget
1. Environmental Program				\$200,000
A.	Asbestos/Lead Abatement-Hazardous Waste		\$50,000	
B.	Underground Storage Tanks Upgrades		\$50,000	
C.	Leak Detection System Upgrades		\$50,000	
D.	Fuel Dispenser Replacements		\$50,000	
2. ADA Compliance Program				\$240,000
A.	Foundation Park		\$75,000	
B.	67th and Spokane		\$90,000	
C.	17th and Vine		\$75,000	
3. Facilities Exterior Program				\$4,623,800
A.	Building Envelope		\$2,400,000	
B.	RA Anderson Tank (Construction Repairs)		\$175,000	
C.	Roof Replacements		\$1,055,000	
D.	Safey Academy Stained Glass Facade		\$185,000	
E.	Pavement Repairs		\$533,800	
F.	Overhead Door Replacement		\$75,000	
G.	Various Sites-Emergency Repairs		\$200,000	
4. City Hall Complex (CHC) Remodeling Program				\$440,000
A.	CHC Carpet Replacement-Various Locations		\$40,000	
B.	CHC Various Office Remodeling		\$400,000	
5. Outlying Facilities Program				\$500,000
A.	Block Heaters		\$200,000	
B.	CRG-Design for CNG Vehicle Maintenance		\$100,000	
D.	Radiant Heaters at Lincoln Garage storage bays		\$150,000	
E.	Recreational Facilities - Non-Programmed		\$50,000	
6. Facilities Systems Program				\$2,797,500
A.	Lincoln Garage HVAC		\$575,000	
B.	Nursery Greenhouse - Thermal Curtain		\$40,000	
C.	Nursery Greenhouse - Boiler Replacement		\$250,000	
D.	Nursery Greenhouse - New Lexan Polycarbonate Panels		\$100,000	
E.	City Hall - Electrical Distribution and Code Compliance		\$125,000	
F.	DPW Field HQ - Lighting Upgrade		\$115,000	
G.	Kilbourn Tunnel Sump upgrades		\$60,000	
H.	ZMB - Chilled water coils for AHU-67		\$80,000	
I.	Fire Life Safety		\$310,000	
J.	Generators		\$150,000	
K.	Building Automation Systems (BAS)		\$367,500	
L.	Various Sites - CCTV and Access Control Upgrades		\$225,000	
M.	Various Sites - Emergency Mechanical Repairs		\$200,000	
N.	Various Sites - Emergency Electrical Repairs		\$200,000	
7. Space Planning Alterations and Engineering				\$205,000
A.	Space Planning		\$15,000	
B.	General Office Remodeling		\$40,000	
C.	General Engineering and Facilities Inspection		\$150,000	
Capital Program Sub-Total				\$9,006,300
Special Project Description				
SP-1	City Hall Foundation		\$10,000,000	\$10,000,000
SP-2	North Point Lake Tower		\$340,000	\$340,000
SP-3	Energy Efficiency and Renewable Energy		\$150,000	\$150,000
SP-4	Hartung		\$200,000	\$200,000
Special Projects Sub-Total				\$10,690,000
Facilities Development & Management TOTAL				\$19,696,300

Capital Improvement Request Form Part I

Project/Program Title: Environmental Program Requesting Department: DPW/Infrastructure: Facilities Development and Management
 Prepared By/Phone Ext: Facilities Development and Mgmt x-3402 Department Head Signature: *Ghassan Kibria*
 Account No: BU11091500

A) Department Priority 1 of 7 Useful Life N/A Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair On-Going Program
 Project/Program Scope Fully Defined Partially Defined
 Energy Efficiency Candidate Yes No

B) Description

Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions 2 Total FTEs 0.56

Position Title	No. of Positions	FTEs	Salaries
<u>Professional/Inspection</u>	<u>2</u>	<u>0.56</u>	\$ <u>40,000</u>
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This is an ongoing program to provide a safe environment for the public and employees that use City-owned buildings by removing hazardous asbestos and lead containing building materials during maintenance, that becomes damaged, or that will be disturbed during any construction activity. The program also provides funding for monitoring as required by code for closed landfills and sites contaminated from past leaking underground storage tanks. This program is also used to provide monitoring and repairs to petroleum storage tanks and dispensing equipment in order to avoid future contamination and as required by code. Additionally, this program supports the upgrades and repairs to stormwater management systems and equipment.

G) Additional Comments

The projects for 2015 are:

Asbestos Abatement and Hazardous Waste	\$50,000
Soil and Groundwater Remediation	\$50,000
Leak Detection System Upgrades	\$50,000
Fuel Dispenser Replacements	\$50,000
Total	\$200,000

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Project/Program Title: Environmental Program Account No: BU11091500

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$0					\$0
2015 Budget Request	\$200,000					\$200,000
2016 Projection	\$250,000					\$250,000
2017 Projection	\$250,000					\$250,000
2018 Projection	\$300,000					\$300,000
2019 Projection	\$300,000					\$300,000
2020 Projection	\$350,000					\$350,000
Total Six Year Cost	\$1,650,000	\$0	\$0	\$0	\$0	\$1,650,000
Total Project Cost	\$1,650,000	\$0	\$0	\$0	\$0	\$1,650,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: In-Progress

Estimated Completion Date: On-Going

Department Head Signature



Prepared By/Phone Ext

Facilities Development and Management - Ext 3402

CIC - Capital Improvement Request Part III

Department: DPW/Infrastructure: Facilities Development and Management
 Project/Program: Environmental Program
 Prepared By: Facilities Development and Management
 Dept Head: Ghassan Korban

Date Submitted: 3/21/14
 Current Request: \$200,000
 6 Yr Total: \$1,650,000

General Project/Program Description:

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
X				Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X			A	Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
X			B	Will this project cause disruptions to regular city operations?
X			C	Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

A. Minimal due to newer installations and slightly more efficient equipment
 B. Minimal during construction
 C. Job site conditions may make projects more costly

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Environmental Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
X				Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

A. Part of the funding is used for funding Doyne park former landfill methane mitigation equipment.

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
X				How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
X				Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

A. Better environmental quality

Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Capital Improvement Request Form Part I

Project/Program Title: ADA Compliance Program

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Prepared By/Phone Ext: Facilities Development and Mgmt X-3402

Department Head Signature: *Chessa Rubin*

Account No: BU110010500

A) Department Priority 2 of 7 Useful Life 20 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical - Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 2 Total FTEs 0.68

Position Title	No. of Positions	FTEs	Salaries
<u>Professional/Inspection</u>	<u>2</u>	<u>0.68</u>	<u>\$ 48,000</u>
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This program responds to the new and updated regulations and to improve access to our facilities for the disabled and/or handicapped. The Federal government enacted the "Americans with Disabilities Act Accessibility Guidelines" (ADAAG) in 1991. To date many deficiencies remain in the City Hall Complex and outlying facilities. All government buildings were required to be in compliance with ADAAG by mid-1995. Contracted architectural services are in place to do their work and to evaluate/identify City facilities requiring ADAAG improvements as part of this program.

G) Additional Comments

Foundation Park	\$75,000
67th and Spokane	\$90,000
17th and Vine	\$75,000

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Project/Program Title: ADA Compliance Program

Account No: BU110010500

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$0					\$0
2015 Budget Request	\$240,000					\$240,000
2016 Projection	\$250,000					\$250,000
2017 Projection	\$250,000					\$250,000
2018 Projection	\$250,000					\$250,000
2019 Projection	\$250,000					\$250,000
2020 Projection	\$250,000					\$250,000
Total Six Year Cost	\$1,490,000	\$0	\$0	\$0	\$0	\$1,490,000
Total Project Cost	\$1,490,000	\$0	\$0	\$0	\$0	\$1,490,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: In-Progress

Estimated Completion Date: On-Going

Department Head Signature



Prepared By/Phone Ext

Facilities Development and Management x-3402

CIC - Capital Improvement Request Part III

Department: DPW/Infrastructure: Facilities Development and Management
 Project/Program: ADA Compliance Program
 Prepared By: Facilities Development and Management
 Dept Head: Ghassan Korban

Date Submitted: 3/21/14
 Current Request: \$240,000
 6 Yr Total: \$1,490,000

General Project/Program Description:

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X			A	Will the project lead to a reduction in operating costs?
X			B	Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X			C	Will the project result in a reduction in energy use?
X			D	Does the project involve specific energy reduction strategies or features?
X			E	Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 A,C, & D. Newer more energy efficient equipment will be installed.
 B. Better service for those with accessibility concerns
 E. Minimal during construction

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: ADA Compliance Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
X				Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
X				Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
				How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive-economic impact?
X				Will the project produce desirable jobs in the City?
X				Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Facilities Exterior Program Requesting Department: DPW/Infrastructure: Facilities Development and Management

Prepared By/Phone Ext: Facilities Development and Mgmt X-3402 Department Head Signature: *Gabe...*

Account No: BU11091300

A) Department Priority 3 of 7 Useful Life 25 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 6 Total FTEs 3.95

Position Title	No. of Positions	FTEs	Salaries
<u>Professional/Inspection</u>	<u>6</u>	<u>3.95</u>	<u>\$ 282,464</u>
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This program maintains City facilities in a watertight, energy efficient, and safe condition. Building materials deteriorate over time and allow water penetration into the structure causing damage to the interior finishes, structural elements, and building contents. Yard and parking lot pavements become deteriorated by weather and heavy use. There is also a need to upgrade existing site lighting and pave unimproved areas of yards to provide needed working space and/or parking.

G) Additional Comments

See Attached

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Project/Program Title: Facilities Exterior Program Account No: BU11091300

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$500,000					\$500,000
2015 Budget Request	\$4,623,800					\$4,623,800
2016 Projection	\$4,000,000					\$4,000,000
2017 Projection	\$4,000,000					\$4,000,000
2018 Projection	\$4,000,000					\$4,000,000
2019 Projection	\$4,000,000					\$4,000,000
2020 Projection	\$4,000,000					\$4,000,000
Total Six Year Cost	\$24,623,800	\$0	\$0	\$0	\$0	\$24,623,800
Total Project Cost	\$25,123,800	\$0	\$0	\$0	\$0	\$25,123,800

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: _____ In-Progress

Estimated Completion Date: _____ On-Going

Department Head Signature



Prepared By/Phone Ext

Facilities Development and Management x-3402

CIC - Capital Improvement Request Part III

Department: DPW/Infrastructure: Facilities Development and Management
 Project/Program: Facilities Exterior Program
 Prepared By: Facilities Development and Management
 Dept Head: Ghassan Korban

Date Submitted: 3/21/14
 Current Request: \$4,623,800
 6 Yr Total: \$24,623,800

General Project/Program Description:

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X			A	Will the project result in a reduction in energy use?
X			B	Does the project involve specific energy reduction strategies or features?
X			C	Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 A & B. New roofs will have better insulation to save energy. High speed roll-up doors will reduce energy usage, promote operational efficiency and reduce maintenance costs due to less damage.
 C. Minimal during construction

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Facilities Exterior Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
X				Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
X				How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
X				Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

FACILITIES EXTERIOR PROGRAM

This program is used to sustain the building envelope and building site including roofs, windows, siding, doors, pavement, and fencing proper and efficient operating condition.

The following projects are for 2015:

Building Envelope	\$2,400,000
Lincoln Garage Masonry, 809 Building Masonry, and Municipal Service Building includes roofing, masonry, windows and doors.	
Robert A. Anderson Tank Repairs	\$175,000
Roof Replacements	\$1,397,000
Robert A. Anderson, Industrial Road and Lincoln Garage	
Safety Academy – Stained Glass Facade	\$185,000
Pavement Repairs	\$533,800
20 th and Holt, Sanitation Central II, and Lincoln Garage	
Overhead Door replacements	\$75,000
Overhead doors are needed at Forestry South HQ and Lincoln Garage.	
Various Site Emergency Repairs	\$200,000

Facilities Development and Management maintains 3,000,000+ sq ft of roofs, millions of sq ft of paved parking lots and walks, 200+ overhead doors, thousands of windows and miles of fence.

Total	\$4,623,800
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Capital Improvement Request Form Part I

Project/Program Title: City Hall Complex Remodeling Requesting Department: DPW/Infrastructure: Facilities Development and Management

Prepared By/Phone Ext: Facilities Development and Management Department Head Signature: *Ghassan Kuhn*

Account No: BU11083900

A) Department Priority 4 of 7 Useful Life 20 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 2 Total FTEs 0.92

Position Title	No. of Positions	FTEs	Salaries
<u>Professional/Inspection</u>	<u>2</u>	<u>0.61</u>	<u>\$ 66,000</u>
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This program provides the funding to address the architectural and mechanical remodeling work needed in the City Hall Complex. This remodeling work will create functional, efficient, and safe working environments, meet State of Wisconsin energy (lighting, mechanical, equipment/controls) and safety (sprinkler and life/safety) building code requirements. In addition, this program will address interior building restoration work and departments' office reorganizational changes.

G) Additional Comments

This program is essential in providing quality working environments and functional operating improvements. This program has been basically suspended since 2007 and in consideration of the current funding situation we will suspend it for an additional year. Note that this delays planned remodeling projects such as the Mayor's office which has been provided only minor facelifts in the past 30 years, as well as the City Clerk's office. The Department of City Development's office on the 2nd and 3rd floors of the 809 Building are also in need of remodeling, these offices haven't been remodeled since their occupancy in the early 1980's. A Long-Term Balanced-Funding Strategy for remodeling the City Hall complex which has 22 floors would need funding of \$2-\$4 million annually based upon a 20-year useful life.

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Account No: BU11083900

Project/Program Title: City Hall Complex (CHC) Remodeling Program

Special Assessment

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$0					\$0
2015 Budget Request	\$440,000					\$440,000
2016 Projection	\$2,000,000					\$2,000,000
2017 Projection	\$3,000,000					\$3,000,000
2018 Projection	\$4,000,000					\$4,000,000
2019 Projection	\$4,000,000					\$4,000,000
2020 Projection	\$4,000,000					\$4,000,000
Total Six Year Cost	\$17,440,000	\$0	\$0	\$0	\$0	\$17,440,000
Total Project Cost	\$17,440,000	\$0	\$0	\$0	\$0	\$17,440,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: In-Progress

Estimated Completion Date: On-Going

Department Head Signature



Prepared By/Phone Ext

Facilities Development and Management x-3402

CIC - Capital Improvement Request Part III

Department: DPW/Infrastructure: Facilities Development and Management
 Project/Program: City Hall Complex (CHC) Remodeling Program
 Prepared By: Facilities Development and Management
 Dept Head: Ghassan Korban

Date Submitted: 3/21/14
 Current Request: \$440,000
 6 Yr Total: \$17,440,000

General Project/Program Description:

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
X				Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
X				Does the project involve specific energy reduction strategies or features?
X				Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: City Hall Complex Remodeling Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
X				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
X				Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
				A How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
A.				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
	X			Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
X				Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Outlying Facilities Program Requesting Department: DPW/Infrastructure: Facilities Development and Management

Prepared By/Phone Ext: Facilities Development and Mgmt X-3402 Department Head Signature: *Ghassan Kuhn*

Account No: BU110030300

A) Department Priority 5 of 7 Useful Life 25 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 3 Total FTEs 0.86

Position Title	No. of Positions	FTEs	Salaries
<u>Professional/Inspection</u>	<u>3</u>	<u>0.86</u>	<u>\$ 61,000</u>
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This program was initiated to address the functional needs of the DPW's aged and outmoded municipal garage facilities. At the time of their construction, these facilities were not built with today's modern diagnostic and repair environment in mind. Current layouts preclude movement of equipment, repair bays are cramped, and major operational and associated repair systems are outdated or have reached and in many cases surpassed their useful life. This program will also address the functional and operational needs of other outlying facilities not covered by other programs.

G) Additional Comments

Projects for 2015 are:

Block heaters	\$200,000
CRG - Design for CNG Vehicle Maintenance	\$100,000
Radiant Heaters at Lincoln Garage storage bays	\$150,000
Recreational Facilities - Non-Programmed	\$50,000

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Project/Program Title: Outlying Facilities Program Account No: BU110030300

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$0					\$0
2015 Budget Request	\$500,000					\$500,000
2016 Projection	\$1,000,000					\$1,000,000
2017 Projection	\$2,000,000					\$2,000,000
2018 Projection	\$2,000,000					\$2,000,000
2019 Projection	\$2,500,000					\$2,500,000
2020 Projection	\$2,500,000					\$2,500,000
Total Six Year Cost	\$10,500,000	\$0	\$0	\$0	\$0	\$10,500,000
Total Project Cost	\$10,500,000	\$0	\$0	\$0	\$0	\$10,500,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source?

- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain

Are cost estimates based on industry standards?

Will city employees be performing any portion of the work?

Did you perform a cost/benefit analysis?

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: In-Progress

Estimated Completion Date: On-Going

Department Head Signature

Ghassan Khatib

Prepared By/Phone Ext

Facilities Development and Management x-3402

CIC - Capital Improvement Request Part III

Department: DPW/Infrastructure: Facilities Development and Management
 Project/Program: Outlying Facilities Program
 Prepared By: Facilities Development and Management
 Dept Head: Ghassan Korban

Date Submitted: 3/21/14
 Current Request: \$500,000
 6 Yr Total: \$10,500,000

General Project/Program Description:

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
X				Will there be a serious negative impact on the City if compliance is not achieved?
X				Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
				What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: _____

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
X				Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
				How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
X				Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Facilities Systems Program Requesting Department: DPW/Infrastructure: Facilities Development and Management
 Prepared By/Phone Ext: Facilities Development and Mgmt X-3402 Department Head Signature: *Ghassan Khatun*
 Account No: BU11091200

A) Department Priority 6 of 7 Useful Life 25 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair On-Going Program
 Project/Program Scope Fully Defined Partially Defined
 Energy Efficiency Candidate Yes No

B) Description

Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions 5 Total FTEs 2.49

Position Title	No. of Positions	FTEs	Salaries
<u>Professional/Inspection</u>	<u>5</u>	<u>2.49</u>	<u>\$ 178,200</u>
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This is an ongoing program to keep the City's buildings in good operating condition to properly serve the public and to provide suitable facilities for City employees. The program includes information gathered from our FCAP (Facilities Condition Assessment Program) for installing new equipment or replacing existing equipment necessary for the proper up to date operation of various building systems. Facility systems include heating, ventilating, and air conditioning (HVAC), plumbing, fire protection, electrical distribution, lighting, chillers, boilers, computerized facility management, security, and life/safety.

G) Additional Comments

See attached

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Account No: BU11091200

Project/Program Title: Facilities Systems Program

Special Assessment: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$500,000					\$500,000
2015 Budget Request	\$2,797,500					\$2,797,500
2016 Projection	\$2,500,000					\$2,500,000
2017 Projection	\$2,500,000					\$2,500,000
2018 Projection	\$3,000,000					\$3,000,000
2019 Projection	\$3,000,000					\$3,000,000
2020 Projection	\$3,500,000					\$3,500,000
Total Six Year Cost	\$17,297,500	\$0	\$0	\$0	\$0	\$17,297,500
Total Project Cost	\$17,797,500	\$0	\$0	\$0	\$0	\$17,797,500

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015
- Limited Information 2016
- Based on Cost of Similar Projects 2017
- Unsupported 2018

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: In-Progress

Estimated Completion Date: On-Going

Department Head Signature

Gherson Kuhn

Prepared By/Phone Ext

Facilities Development and Management x-3402

CIC - Capital Improvement Request Part III

Department: DPW/Infrastructure: Facilities Development and Management
 Project/Program: Facilities Systems Program
 Prepared By: Facilities Development and Management
 Dept Head: Ghassan Korban

Date Submitted: 3/21/14
 Current Request: \$2,797,500
 6 Yr Total: \$17,797,500

General Project/Program Description:

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
X				Does the project involve specific energy reduction strategies or features?
X				Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Facilities Systems Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
X				How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
X				Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

FACILITIES SYSTEMS PROGRAM

This program is used to sustain the operating system including heating, ventilating and air-conditioning (HVAC), plumbing, fire protection, life safety, security, electrical distribution, lighting and computerized building management systems in proper and efficient operating condition. Facilities Development and Management is responsible for the upkeep of the systems in approximately 95 buildings. While we strive to keep these buildings operating under code compliance and as efficiently as possible this continues to be a challenge with the recent and current budgetary restrictions.

The following projects are for 2015:

Lincoln Garage HVAC	\$575,000
Nursery Greenhouse - Thermal Curtain	\$40,000
Nursery Greenhouse - Boiler Replacement	\$250,000
Nursery Greenhouse - New Lexan Polycarbonate Panels	\$100,000
City Hall - Electrical Distribution and Code Compliance	\$125,000
Two new 1000 KVA Transformers were installed in the basement of City Hall in 2008 as Phase 1 of this electrical distribution and code compliance project and distribution up to the 4 th floor for Phase 2 was completed in 2010, transformers were installed in rooms on the 4 th and 7 th floors of City Hall, the project will progress to distribution from these transformer rooms.	
DPW Field Headquarters – Lighting Upgrade	\$115,000
Kilbourn Tunnel Sump Upgrades	\$60,000
ZMB – Chilled Water Coils for AHU-67	\$80,000
Fire Life Safety System	\$310,000
Upgrades to the system in City Hall and upgrade to XLS.	
Generators	\$150,000
Provide emergency generators to maintain City service at the Robert Anderson Building.	
Building Automation Systems	\$367,500
Provide new digital control systems to better control the systems by upgrading from pneumatic to digital controls in the 809 Building and replacing old digital equipment in the City Hall Complex.	
Various Sites – CCTV and Access Control Upgrades	\$225,000
Replace existing obsolete analog equipment with new digital technology and expand the system where necessary	
Various Sites – Emergency Mechanical Repairs	\$200,000
Facilities Development and Management operates 256 air handling units, 212 heating units, 195 pumps, and 198 exhaust fans.	
Various Sites – Emergency Electrical Repairs	\$200,000
Facilities Development and Management operates 200 electrical switchgear and 400 electrical transformers, 400 block heaters.	
Total	\$2,797,500

Capital Improvement Request Form Part I

Project/Program Title: Space Planning, Alterations and Engineering Requesting Department: DPW/Infrastructure: Facilities Development and Management

Prepared By/Phone Ext: Facilities Development and Mgmt X-3402 Department Head Signature: *Cherise Kuhn*

Account No: BU110010800

A) Department Priority 7 of 7 Useful Life 20 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 3 Total FTEs 2.42

Position Title	No. of Positions	FTEs	Salaries
<u>Professional</u>	<u>3</u>	<u>2.42</u>	\$ <u>173,000</u>
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This program provides funds for architectural and engineering services related to office space studies, including preparation of preliminary plans and cost-estimates for proposed projects, unscheduled interior office alterations for City departments, and facility inspections.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Project/Program Title: Space Planning Alterations and Engineering Program

Account No: BU110010800

Year	Tax Levy/Borrowing			Grant & Aid			Revenue			Special Assessment			Enterprise			Total Cost		
Remaining Balance for 2014	\$0																	\$0
2015 Budget Request	\$205,000																	\$205,000
2016 Projection	\$250,000																	\$250,000
2017 Projection	\$250,000																	\$250,000
2018 Projection	\$300,000																	\$300,000
2019 Projection	\$300,000																	\$300,000
2020 Projection	\$400,000																	\$400,000
Total Six Year Cost	\$1,705,000						\$0					\$0					\$0	\$1,705,000
Total Project Cost	\$1,705,000						\$0					\$0					\$0	\$1,705,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source?

Are cost estimates based on industry standards?

Will city employees be performing any portion of the work?

Did you perform a cost/benefit analysis?

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: _____

In-Progress

Estimated Completion Date: _____

On-Going

Department Head Signature

Gherson Kuhn

Prepared By/Phone Ext

Facilities Development and Management x-3402

CIC - Capital Improvement Request Part III

<u>Department:</u>	DPW/Infrastructure: Facilities Development and Management	<u>Date Submitted:</u>	3/20/14
<u>Project/Program:</u>	Space Planning, Alterations, and Engineering	<u>Current Request:</u>	\$205,000
<u>Prepared By:</u>	Facilities Development and Management	<u>6 Yr Total:</u>	\$1,705,000
<u>Dept Head:</u>	Ghassan Korban		

General Project/Program Description:

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
X				Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Space Planning, Alterations and Engineering

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
X				How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: City Hall Foundation Requesting Department: DPW/Infrastructure: Facilities Development and Management

Prepared By/Phone Ext: Facilities Development and Mgmt X-3402 Department Head Signature: *Gilbane*

Account No: _____

A) Department Priority SP-1 of 4 Useful Life 100 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 3

D) Total Positions 2 Total FTEs 0.56

Position Title	No. of Positions	FTEs	Salaries
<u>Professional/Inspection</u>	<u>2</u>	<u>0.56</u>	<u>\$ 40,000</u>
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This project addresses the deteriorated condition of City Hall's foundation based on the preliminary report provided by Gilbane as phase one of the foundation restoration project. A final report and presentation by Gilbane is planned for early April 2014. The Budget office among others will be invited to this presentation. At this point dollar figures and dates for funding are place holders until further information is available.

G) Additional Comments

NOTE: Bonding Authority will be required for total project cost to award construction contract.

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Account No: City Hall Foundation

Project/Program Title: City Hall Foundation

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$0					\$0
2015 Budget Request	\$10,000,000					\$10,000,000
2016 Projection	\$10,000,000					\$10,000,000
2017 Projection	\$10,000,000					\$10,000,000
2018 Projection	\$0					\$0
2019 Projection	\$0					\$0
2020 Projection	\$0					\$0
Total Six Year Cost	\$30,000,000	\$0	\$0	\$0	\$0	\$30,000,000
Total Project Cost	\$30,000,000	\$0	\$0	\$0	\$0	\$30,000,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: _____ In-Progress

Estimated Completion Date: _____ On-Going

Department Head Signature

CIC - Capital Improvement Request Part III

Department: DPW/Infrastructure: Facilities Development and Management
 Project/Program: City Hall Foundation
 Prepared By: Facilities Development and Management
 Dept Head: Ghassan Korban

Date Submitted: 5/21/14
 Current Request: \$10,000,000
 6 Yr Total: \$30,000,000

General Project/Program Description:

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
X				Does the project involve specific energy reduction strategies or features?
X				Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: City Hall Foundation

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
X				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
X				Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
X				How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	X			Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: North Point Lake Tower

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Prepared By/Phone Ext: Facilities Development and Mgmt X-3402

Department Head Signature: 

Account No: _____

A) Department Priority SP-2 of 4 Useful Life 100 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 3

D) Total Positions 2 Total FTEs 0.10

Position Title	No. of Positions	FTEs	Salaries
<u>Professional/Inspection</u>	<u>2</u>	<u>0.10</u>	\$ <u>6,800</u>
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The North Point Lake Tower is an historic water tower that was assessed for structural repairs in 2013 due to visible signs of deterioration. This project takes care of the imminent safety issues caused by existing failures which will be followed up by other structural repairs to bring this tower back safe operating condition for years to come.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Project/Program Title: North Point Lake Tower Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$0					\$0
2015 Budget Request	\$340,000					\$340,000
2016 Projection	\$400,000					\$400,000
2017 Projection	\$0					\$0
2018 Projection	\$0					\$0
2019 Projection	\$0					\$0
2020 Projection	\$0					\$0
Total Six Year Cost	\$740,000	\$0	\$0	\$0	\$0	\$740,000
Total Project Cost	\$740,000	\$0	\$0	\$0	\$0	\$740,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 04/01/15

Estimated Completion Date: 10/28/16

Department Head Signature

Gherson Kubin

Prepared By/Phone Ext

Facilities Development and Management x-3402

CIC - Capital Improvement Request Part III

3/21/14

Department: DPW/Infrastructure: Facilities Development and Management
 Project/Program: North Point Lake Tower
 Prepared By: Facilities Development and Management
 Dept Head: Ghassan Korban

Date Submitted: _____
 Current Request: \$340,000
 6 Yr Total: \$740,000

General Project/Program Description:

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
	X			Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
X				Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: North Point Lake Tower

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
X				Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	X			Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
	X			Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Energy Efficiency & Renewable Energy

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Prepared By/Phone Ext: Facilities Development and Mgmt X-3402

Department Head Signature: *Ghassan Kuhn*

Account No: BU110110600

A) Department Priority SP-3 of 4 Useful Life 20 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 2 Total FTEs 0.23

Position Title	No. of Positions	FTEs	Salaries
<u>Professional/Inspection</u>	<u>2</u>	<u>0.23</u>	<u>\$ 16,500</u>
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The department will engage in energy efficiency and renewable energy projects as they become available. The department will enhance other projects as appropriate with energy efficiency and renewable energy options as they become available.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Account No: BU110110600

Project/Program Title: Energy Efficiency & Renewable Energy

Special Assessment

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Enterprise	Total Cost
Remaining Balance for 2014	\$0				\$0
2015 Budget Request	\$150,000				\$150,000
2016 Projection	\$200,000				\$200,000
2017 Projection	\$200,000				\$200,000
2018 Projection	\$200,000				\$200,000
2019 Projection	\$200,000				\$200,000
2020 Projection	\$250,000				\$250,000
Total Six Year Cost	\$1,200,000	\$0	\$0	\$0	\$1,200,000
Total Project Cost	\$1,200,000	\$0	\$0	\$0	\$1,200,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- 2015
 - 2016
 - 2017
 - 2018
 - 2019
 - 2020
- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: _____

In-Progress

Estimated Completion Date: _____

On-Going

Department Head Signature



Prepared By/Phone Ext

Facilities Development and Management x-3402

CIC - Capital Improvement Request Part III

Department: DPW/Infrastructure: Facilities Development and Management
 Project/Program: Energy Efficiency and Renewable Energy Program
 Prepared By: Facilities Development and Management
 Dept Head: Ghassan Korban

Date Submitted: 3/21/14
 Current Request: \$150,000
 6 Yr Total: \$1,200,000

General Project/Program Description:

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	X			Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
X				What return on investment will this project generate?
X				What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
X				Does the project involve specific energy reduction strategies or features?
X				Will this project cause disruptions to regular city operations?
X				Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Energy Efficiency and Renewable Energy Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - <i>Comprehensive Area Plans adopted by the Common Council are available on DCD's website</i>
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
X				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - <i>Primarily recurring infrastructure and facility preservation programs</i>
X				How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Hartung Park Landfill Closure

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Prepared By/Phone Ext: Facilities Development and Mgmt X-3402

Department Head Signature: *Chessaan [Signature]*

Account No: BU110010800

A) Department Priority SP-4 of 4 Useful Life 50 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions 1 Total FTEs 0.06

Position Title	No. of Positions	FTEs	Salaries
<u>Professional</u>	<u>1</u>	<u>0.06</u>	\$ <u>4,000</u>
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Hartung Quarry/Park will reach capacity for use by the City as a clean fill landfill in the near future. This project will finalize closure of the landfill and includes improvements to the landfill site for its future use as a recreational site.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Project/Program Title: Hartung Park Landfill Closure

Account No: BU110080700

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$0					\$0
2015 Budget Request	\$200,000					\$200,000
2016 Projection	\$0					\$0
2017 Projection	\$0					\$0
2018 Projection	\$0					\$0
2019 Projection	\$0					\$0
2020 Projection	\$0					\$0
Total Six Year Cost	\$200,000	\$0	\$0	\$0	\$0	\$200,000
Total Project Cost	\$200,000	\$0	\$0	\$0	\$0	\$200,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source?

- Yes No Uncertain

Are cost estimates based on industry standards?

- Yes No Uncertain

Will city employees be performing any portion of the work?

- Yes No Uncertain

Did you perform a cost/benefit analysis?

- Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: _____

In-Progress

Estimated Completion Date: _____

On-Going

Department Head Signature: _____



Prepared By/Phone Ext

Facilities Development and Management x-3402

CIC - Capital Improvement Request Part III

Department: DPW/Infrastructure: Facilities Development and Management
 Project/Program: Hartung Park Landfill Closure
 Prepared By: Facilities Development and Management
 Dept Head: Ghassan Korban

Date Submitted: 3/21/14
 Current Request: \$200,000
 6 Yr Total: \$200,000

General Project/Program Description:

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
X				Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
X				Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
	X			Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
X				Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Hartung Park Landfill Closure

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
X				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
X				Does the project increase or enhance recreational opportunities and/or green space?
X				Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
X				Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: BRIDGE PROGRAM, LOCAL

Requesting Department: DPW / INFRASTRUCTURE SERVICES

Prepared By/Phone Ext: CRAIG LIBERTO / X-3294

Department Head Signature: *Catherine Kuhn*

Account No: BR100140000

A) Department Priority _____ of _____ Useful Life 70 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Refer to attached 2015 DPW Capital Improvement Project / Program Description.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW / INFRASTRUCTURE SERVICES

Project/Program Title: BRIDGE PROGRAM, LOCAL

Account No: BR100140000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$0	\$0				\$0
2015 Budget Request	\$10,010,000	\$0				\$10,010,000
2016 Projection	\$10,275,000	\$0				\$10,275,000
2017 Projection	\$10,980,000	\$0				\$10,980,000
2018 Projection	\$10,500,000	\$0				\$10,500,000
2019 Projection	\$10,300,000	\$0				\$10,300,000
2020 Projection	\$10,000,000	\$0				\$10,000,000
Total Six Year Cost	\$62,065,000	\$0	\$0	\$0	\$0	\$62,065,000
Total Project Cost	\$62,065,000	\$0	\$0	\$0	\$0	\$62,065,000

Life to Date Expenditures (Project Only)	\$0	\$0	\$0	\$0	\$0	\$0
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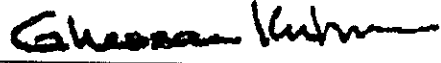
Available Cost Estimate:	2015	2016	2017	2018	2019	2020
Thorough Cost Estimate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: Varies

Estimated Completion Date: Varies

Department Head Signature 

Prepared By/Phone Ext CRAIG LIBERTO / X-3294

CIC - Capital Improvement Request Part III

Department: PUBLIC WORKS / INFRASTRUCTURE SERVICES	Date Submitted: March 6, 2014
Project/Program: BRIDGE PROGRAM / LOCAL	Current Request: (2015) \$10,010,000
Prepared By: CRAIG LIBERTO	6 Yr Total: (2015-2020) \$62,065,000
Dept Head: JEFFREY POLENSKE	

General Project/Program Description:
 Program funds the rehabilitation and reconstruction of the City's bridges with a combination of State / Federal Aid and local funds.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction in energy use?
		X		Does the project involve specific energy reduction strategies or features?
X			See comments	Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 Disruption to City operations includes partial or total street closure with detours for bridge construction work.

CIC - Capital Improvement Request Part III(cont'd)

Project/Program: BRIDGE PROGRAM / LOCAL

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
X			See comments	How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
The request is an effort to preserve and maintain the bridge system at a standard considered safe for motorists and pedestrians. Rehabilitated bridges have an estimated service life of 35 years; reconstructed bridges have an estimated service life of 70 years.				
Economic / Community Development				
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
X				Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Special Considerations				
X				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
X				Are there inter-jurisdictional considerations?
X			Higher costs	Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				

2015 DPW CAPITAL IMPROVEMENT PROJECT/PROGRAM DESCRIPTION

FUND & PROJECT GRANT NUMBER <p style="text-align: center;">BR100140000</p>	PROJECT/PROGRAM TITLE & LOCATION <p style="text-align: center;">BRIDGE PROGRAM, LOCAL</p>
DIVISION/ SECTION <p style="text-align: center;">INFRASTRUCTURE SERVICES DIVISION / STRUCTURAL DESIGN</p>	
DATE <p style="text-align: center;">March 6, 2014</p>	PREPARED BY/PHONE <p style="text-align: center;">CRAIG LIBERTO / X-3294</p>
PROJECT/PROGRAM DESCRIPTION AND JUSTIFICATION <p>One of the goals listed in the strategic plan for the Infrastructure Services Division is to provide safe, attractive and efficient surface public way and infrastructure systems. The outcome indicator used to evaluate the bridge program is the percent of bridges rated above a condition rating of 50.</p> <p>This Bridge Program is necessary to meet the following objectives:</p> <ol style="list-style-type: none"> 1. Preserve and maintain a bridge system at a standard considered safe for motorists and pedestrians, which meets the needs of the City. 2. Reduce the property tax levy necessary to maintain and preserve the bridge system. 3. Provide for the efficient movement of vehicles, people and commodities. 4. Improve and expand the bridge system thereby fostering residential and commercial development, which raises property values and allows the City to grow and prosper. <p>Almost all major streets in the City are designated as part of the Federal Aid Transportation and most are eligible for State, County and/or Federal Funds to assist the City with financing bridge rehabilitation and reconstruction improvements. The local share of total costs of projects eligible for Federal and/or State Aid Programs and the total cost of projects not eligible for aid are budgeted with the Bridge Program budget.</p> <p>Various maintenance activities have been incorporated into the Bridge Capital Improvement Request. Incorporation of all major bridge capital improvement requests into one program allows better coordination of efforts to maintain and improve bridges, reduces work in preparing and reviewing the capital budgets, avoids duplication of effort and allows more flexibility in the administration of the Bridge Program.</p> <p>The Bridge Program assures a level of expenditures for bridge improvements that are consistent with the ability to finance improvements that are necessary to preserve the City's bridges system. The preservation and expansion of the City's street and bridge system are vital to the safe and efficient movement of people, vehicles, and commodities. Improving and expanding the transportation system promotes economic development and increases property values. Preservation and expansion projects having favorable land use, economic, safety, pollution, travel time and energy conservation impacts benefit both users and non-users of the transportation system. Benefits experienced by non-users include reduced noise and air pollution, a more aesthetically pleasing bridge system, potential increases in real estate values and an increase in construction jobs. The primary impact, however, is the positive change to the job market due to an improved transportation system.</p>	

BRIDGE PROGRAM, LOCAL, PARENT ACCOUNT

Funds Available 03-04-2014 in Parent Account

2007 to 2010 Carryover Unencumbered Balance (Bridge Program, Local)	307,896.82
2011 Carryover Unencumbered Balance (Bridge Program, Local)	10,699.83
2012 Carryover Unencumbered Balance (Bridge Program, Local)	60,557.13
2013 Carryover Unencumbered Balance (Bridge Program, Local)	87,201.58
2014 Carryover Unencumbered Balance (Bridge Program, Local)	5,065,000.00

TOTAL Carryover Unencumbered Balance (Bridge Program, Local) \$5,531,355.36

Subaccount Close-outs (estimated) 518,644.64

TOTAL FUNDS AVAILABLE \$6,050,000.00

Estimated 2014 expenditures and carryover

Remaining 2014 Needs (Bridge Program, Local) - Attachment 1	6,050,000.00
Revenues Not Received	0.00

TOTAL EXPENDITURES \$6,050,000.00

2014 ASSUMED CARRYOVER \$0.00

ATTACHMENT 1
 BRIDGE PROGRAM, LOCAL
 2014 FUNDING NEEDS FROM PARENT ACCOUNTS
 (AMOUNTS SHOWN IN 1000'S OF DOLLARS)

	PROJECT	TOTAL PROJECT COST	GRANTOR'S COST	REVENUE	ASSESS- ABLE	NON ASSESS- ABLE
B	Broadway Bascule Bridge (100 North) over the Milwaukee River Construction	1,200	0	0	0	1,200
B	Lisbon Avenue (3100 West) over Canadian Pacific Railway Shortfall Pending Resolution #131476	500	0	0	0	500
B	1st Street Bascule Bridge (2000 South) over Kinnickinnic River Design Pending Resolution #131475	1,500	0	0	0	1,500
B	Becher Street Bridge (300 West) over Kinnickinnic River Construction	2,000	0	0	0	2,000
B	Brown Street Bridge (3100 West) over Canadian Pacific Railway Design	350	0	0	0	350
B	70th Street Bridge (700 S) over Hank Aaron State Trail / abandoned Canadian Pacific Railway Design	350	0	0	0	350
B	Water Street Bascule Bridge (400 North) over Milwaukee River Design Pending Resolution #131475	150	0	0	0	150
TOTALS		6,050	0	0	0	6,050

INFRASTRUCTURES SERVICES DIVISION
2015 BRIDGE PROGRAM, LOCAL
(AMOUNTS SHOWN IN 1000'S OF DOLLARS)

Projects are listed in
construction funding order.

PROJECT	2015	2016	2017	2018	2019	2020	REVENUE & GRANT	6 YEAR TOTAL	REMARKS
Water Street Bascule Bridge (400 North) over Milwaukee River	1,400						0	1,400	Construction: Painting, replace sidewalk plates Sufficiency Rating: 73.1 Project Risk: Moderate; minor movable bridge rehab.
5th Street Bridge (4600 South) over Kinnickinnic River (Wilson Creek)	10						0	10	Design oversight of MMSD by-pass culvert improvement Project Risk: Low
1st Street Bascule Bridge (2000 South) over Kinnickinnic River	5,400	7,000					0	12,400	Construction: Movable bridge structural, mechanical, hydraulic, and electrical rehab. Sufficiency Rating: 68.5* Project Risk: Complex; Movable bridge rehab
51st Boulevard Bridge (4500 North) over Lincoln Creek	1,600						0	1,600	Construction: Bridge rehab., painting, deck replacement Sufficiency Rating: 67.6 Design previously funded Project Risk: Low
Port Washington Avenue Bridge (4000 North) over Capitol Drive		2,000					0	2,000	Construction: Bridge replacement Sufficiency Rating: 38.2 * Project Risk: Complex; Bridge reconstruction over connecting hwy.
Kinnickinnic River Bridges from 8th Street to 16th Street (2600 South) (3 vehicular and 3 pedestrian)		50					0	50	Design oversight of MMSD channel improvements Project Risk: Medium
Michigan Street Lift Bridge (100 West) over Milwaukee River	1,200						0	1,200	Design. Movable bridge rehab.
Michigan Street Lift Bridge (100 West) over Milwaukee River			9,500				0	9,500	Construction: Movable bridge structural, mechanical, hydraulic, and electrical rehab. Sufficiency Rating: 69.3 * Project Risk: Complex; Movable bridge rehab
16th Street Bascule (100 North) over Menomonee River		900					0	900	Design. Movable bridge rehab.
16th Street Bascule (100 North) over Menomonee River				6,000			0	6,000	Construction: Bridge painting, structural steel and other repairs Sufficiency Rating: 67.9 * Project Risk: Complex; Movable bridge rehab
Cherry Street Bascule Bridge (100 West) over Milwaukee River			1,000				0	1,000	Design. Movable bridge rehab.
Cherry Street Bascule Bridge (100 West) over Milwaukee River				2,000	7,000			9,000	Construction: Movable bridge structural, mechanical, and electrical rehab. Sufficiency Rating 45.2 * Project Risk: Complex; Movable bridge rehab
Plankinton Avenue Bascule Bridge (200 North) over Menomonee River			180				0	180	Design. Movable bridge rehab.
Plankinton Avenue Bascule Bridge (200 North) over Menomonee River				1,200			0	1,200	Construction: Painting, replace sidewalk plates Sufficiency Rating: 62.6 Project Risk: Moderate; minor movable bridge rehab.
Holton Street Viaduct (1800 North) over Milwaukee River				800			0	800	Design. Bridge rehab.
Holton Street Viaduct (1800 North) over Milwaukee River					3,000		0	3,000	Construction: Painting, structural steel repair Sufficiency Rating: 72.3 Project Risk: Complex; Major viaduct rehab.
Various movable bridge mechanical and electrical upgrades	100							100	
Various Bridges To be determined based on future sufficiency ratings & needs						9,675		9,675	

INFRASTRUCTURES SERVICES DIVISION
 2015 BRIDGE PROGRAM, LOCAL
 (AMOUNTS SHOWN IN 1000'S OF DOLLARS)

Projects are listed in
 construction funding order.

PROJECT	2015	2016	2017	2018	2019	2020	REVENUE & GRANT	6 YEAR TOTAL	REMARKS
Underwater Dive Inspection of Scour Critical Bridges				175			0	175	Dive inspections required every 5 years by federal & state regulations Project Risk: Low
City Safety Bridge Inspection	150	175	150	175	150	175	0	975	Perform safety inspections mandated by FHWA for city bridges Project Risk: Low
Various Bridges Administration/Indirect Costs	150	150	150	150	150	150	0	900	Bridge Program engineering Project Risk: Low
TOTALS BRIDGE, LOCAL	10,010	10,275	10,980	10,500	10,300	10,000	0	62,065	

Note: An asterisk (*) next to the
 sufficiency rating signifies the bridge
 would be eligible for Federal / State
 funding if said funds were available.

Capital Improvement Request Form Part I

BRIDGE PROGRAM,

DPW / INFRASTRUCTURE

Project/Program Title: STATE AND FEDERAL AID

Requesting Department: SERVICES

Prepared By/Phone Ext: CRAIG LIBERTO / X-3294

Department Head Signature: _____

Gabriel Kuhn

Account No: BR300140000

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Refer to attached 2015 DPW Capital Improvement Project / Program Description.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW / INFRASTRUCTURE SERVICES

Project/Program Title: BRIDGE PROGRAM, STATE AND FEDERAL AID Account No: BR300140000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$147,000	\$588,000				\$735,000
2015 Budget Request	\$100,000	\$66,667				\$166,667
2016 Projection	\$100,000	\$466,667				\$566,667
2017 Projection	\$2,089,000	\$6,242,667				\$8,331,667
2018 Projection	\$1,279,000	\$5,182,667				\$6,461,667
2019 Projection	\$600,000	\$2,466,667				\$3,066,667
2020 Projection	\$600,000	\$2,466,667				\$3,066,667
Total Six Year Cost	\$4,768,000	\$16,892,000	\$0	\$0	\$0	\$21,660,000
Total Project Cost	\$4,915,000	\$17,480,000	\$0	\$0	\$0	\$22,395,000

Life to Date Expenditures (Project Only)	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:	2015	2016	2017	2018	2019	2020
Thorough Cost Estimate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: Varies

Estimated Completion Date: Varies

Department Head Signature 

Prepared By/Phone Ext CRAIG LIBERTO / X-3294

CIC - Capital Improvement Request Part III

Department: PUBLIC WORKS / INFRASTRUCTURE SERVICES	Date Submitted: March 6, 2014
Project/Program: BRIDGE PROGRAM / STATE AND FEDERAL AID	Current Request: (2014) \$100,000
Prepared By: CRAIG LIBERTO	6 Yr Total: (2014-2019) \$4,768,000
Dept Head: JEFFREY POLENSKE	

General Project/Program Description:
 Program funds the rehabilitation and reconstruction of the City's bridges with a combination of State / Federal Aid and local funds.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction in energy use?
		X		Does the project involve specific energy reduction strategies or features?
X			See comments	Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 Disruption to City operations includes partial or total street closure with detours for bridge construction work.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: BRIDGE PROGRAM / STATE AND FEDERAL AID

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
X			See comments	How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

The request is an effort to preserve and maintain the bridge system at a standard considered safe for motorists and pedestrians. Rehabilitated bridges have an estimated service life of 35 years; reconstructed bridges have an estimated service life of 70 years.

Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
X				Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
X				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
X				Are there inter-jurisdictional considerations?
X			Higher costs	Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

2015 DPW CAPITAL IMPROVEMENT PROJECT/PROGRAM DESCRIPTION

FUND & PROJECT GRANT NUMBER		PROJECT/PROGRAM TITLE & LOCATION	
BR300140000		BRIDGE PROGRAM, STATE AND FEDERAL AID	
DIVISION/ SECTION			
INFRASTRUCTURE SERVICES DIVISION / FIELD OPERATIONS SECTION			
DATE		PREPARED BY/PHONE	
March 6, 2014		CRAIG LIBERTO / X-3294	
<u>PROJECT/PROGRAM DESCRIPTION AND JUSTIFICATION</u>			
<p>One of the goals listed in the strategic plan for the Infrastructure Services Division is to provide safe, attractive and efficient surface public way and infrastructure systems. The outcome indicator used to evaluate the bridge program is the percent of bridges rated above a condition rating of 50.</p> <p>This Bridge Program is necessary to meet the following objectives:</p> <ol style="list-style-type: none"> 1. Preserve and maintain a bridge system at a standard considered safe for motorists and pedestrians, which meets the needs of the City. 2. Reduce the property tax levy necessary to maintain and preserve the bridge system. 3. Provide for the efficient movement of vehicles, people and commodities. 4. Improve and expand the bridge system thereby fostering residential and commercial development, which raises property values and allows the City to grow and prosper. <p>Almost all major streets in the City are designated as part of the Federal Aid Transportation and most are eligible for State, County and/or Federal Funds to assist the City with financing bridge rehabilitation and reconstruction improvements. The local share of total costs of projects eligible for Federal and/or State Aid Programs and the total cost of projects not eligible for aid are budgeted with the Bridge Program budget.</p> <p>Various maintenance activities have been incorporated into the Bridge Capital Improvement Request. Incorporation of all major bridge capital improvement requests into one program allows better coordination of efforts to maintain and improve bridges, reduces work in preparing and reviewing the capital budgets, avoids duplication of effort and allows more flexibility in the administration of the Bridge Program.</p> <p>The Bridge Program assures a level of expenditures for bridge improvements that are consistent with the ability to finance improvements that are necessary to preserve the City's bridges system. The preservation and expansion of the City's street and bridge system are vital to the safe and efficient movement of people, vehicles, and commodities. Improving and expanding the transportation system promotes economic development and increases property values. Preservation and expansion projects having favorable land use, economic, safety, pollution, travel time and energy conservation impacts benefit both users and non-users of the transportation system. Benefits experienced by non-users include reduced noise and air pollution, a more aesthetically pleasing bridge system, potential increases in real estate values and an increase in construction jobs. The primary impact, however, is the positive change to the job market due to an improved transportation system.</p>			

BRIDGE PROGRAM, STATE AND FEDERAL AID, PARENT ACCOUNT

Funds Available 03-04-2014 in Parent Account

2011 Carryover Unencumbered Balance (Bridge Program, State and Federal Aid)	759,022.13
2012 Carryover Unencumbered Balance (Bridge Program, State and Federal Aid)	466,232.89
2013 Carryover Unencumbered Balance (Bridge Program, State and Federal Aid)	139,608.86
2014 Carryover Unencumbered Balance (Bridge Program, State and Federal Aid)	260,000.00

TOTAL Carryover Unencumbered Balance (Bridge Program, State and Federal Aid) \$1,624,863.88

Subaccount Close-outs (estimated) 13,136.12

TOTAL FUNDS AVAILABLE \$1,638,000.00

Estimated 2014 expenditures and carryover

Remaining 2014 Needs (Bridge Program, State and Federal Aid) - Attachment 1 1,491,000.00
Revenues Not Received 0.00

TOTAL EXPENDITURES \$1,491,000.00

2014 ASSUMED CARRYOVER \$147,000.00

ATTACHMENT 1
 BRIDGE PROGRAM, STATE AND FEDERAL AID
 2014 FUNDING NEEDS FROM PARENT ACCOUNTS
 (AMOUNTS SHOWN IN 1000'S OF DOLLARS)

	PROJECT	TOTAL PROJECT COST	GRANTOR'S COST	REVENUE	ASSESS- ABLE	NON ASSESS- ABLE
STP BR	Granville Road Bridge (7200 North) over Little Menomonee River Construction	200	160	0	0	40
STP BR	Whitnall Avenue (3400 South) over Union Pacific Railroad Construction	2,610	2,088	0	0	522
STP BR	North Avenue (3100 West) over Canadian Pacific Railway Construction	2,645	2,116	0	0	529
STP BR	Various Projects Design & Constr. Shortfalls	2,000	1,600	0	0	400
	<u>TOTALS</u>	<u>7,455</u>	<u>5,964</u>	<u>0</u>	<u>0</u>	<u>1,491</u>

INFRASTRUCTURES SERVICES DIVISION
 2015 BRIDGE PROGRAM, STATE AND FEDERAL AID
 (AMOUNTS SHOWN IN 1000'S OF DOLLARS)

Projects are listed in
 construction funding order

PROJECT	2015	2016	2017	2018	2019	2020	REVENUE & GRANT	6 YEAR TOTAL	REMARKS
35th Street Bridge (3000 South) over Kinnickinnic River	47						188	235	Design: Bridge renovation State/City share 80/20 funded
35th Street Bridge (3000 South) over Kinnickinnic River			289				1,156	1,445	Construction: Bridge renovation, painting, deck replacement State/City share 80/20 funded Sufficiency Rating 63.8 Project Risk: Low
Brown Street Bridge (3100 West) over Canadian Pacific Railway			515				2,060	2,575	Construction: Bridge replacement Design 100% local funds State/City share 80/20 funded Sufficiency Rating 41.3 Project Risk: Complex; Bridge reconstruction over railway
Wells Street Bridge (100 West) over Milwaukee River			1,125				2,320	3,445	Construction: Movable bridge painting & structural steel repairs Design previously funded 75/25 share 67% State funded Sufficiency Rating 65.5 Project Risk: Moderate; Movable bridge rehab.
70th Street Bridge (700 South) over Hank Aaron State Trail / abandoned Canadian Pacific Railway				509			2,036	2,545	Construction: Bridge replacement Design 100% local funds State/City share 80/20 funded Sufficiency Rating 44.9 Project Risk: Complex; Bridge reconstruction over railway
Villard Avenue (2300 West) over Lincoln Creek				330			1,320	1,650	Construction: Renovation, painting, deck replacement Design previously funded 80/20 State/City share 80/20 funds Sufficiency Rating 82.0 Construction funding needs to be acquired. Project Risk: Low
Calumet Road Bridge (9200 West) over Little Menomonee River			60				240	300	Design: Bridge replacement State/City share 80/20 funded Funding needs to be acquired.
Calumet Road Bridge (9200 West) over Little Menomonee River				340			1,360	1,700	Construction: Bridge replacement State/City share 80/20 funded Sufficiency Rating 52.9 Funding needs to be acquired. Project Risk: Moderate; Bridge reconstruction over waterway
Various Bridges (To be determined based on future sufficiency ratings and applied for in 2015-2020 WisDOT funding cycle)					500	500	4,000	5,000	Construction: Bridge rehabilitation or replacement State/City share 80/20 funded Funding needs to be acquired.
Various Projects Design & Constr. Shortfalls	200	100	100	100	100	100	2,800	3,500	Bridge Program engineering & construction State/City share 80/20 funded
TOTALS BRIDGE, STATE & FED.	247	100	2,089	1,279	600	600	17,480	22,395	

Capital Improvement Request Form Part I

Project/Program Title: Street Improvements City portion of State/Federal aided Program Requesting Department: Public Works
 Prepared By/Phone Ext: Samir Amin 286-2461 Department Head Signature: *Ghassan Kuhn*
 Account No: ST320150000

A) Department Priority _____ of _____ Useful Life 50 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair On-Going Program Project/Program Scope Fully Defined Partially Defined
 Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 program funds the reconstruction of the City's streets with a combination of State/Federal Aid and Local Funds to improve the conditions of the asset that is nearing the end of it's useful life.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Public Works / Infrastructure Transportation
 Project/Program Title: Street Improvements City Portion of State/Federal Aid Program

Account No: S320150000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$5,387,800	\$45,378,900		\$120,000		\$50,886,700
2015 Budget Request	\$7,451,528	\$37,207,907		\$390,000		\$45,049,435
2016 Projection	\$4,947,150	\$30,118,950		\$857,900		\$35,924,000
2017 Projection	\$5,400,200	\$31,022,600		\$432,700		\$36,855,500
2018 Projection	\$7,993,200	\$40,163,960		\$1,510,500		\$49,667,660
2019 Projection	\$6,398,800	\$24,485,600		\$652,600		\$31,537,000
2020 Projection	\$10,706,300	\$40,894,200		\$1,463,500		\$53,064,000
Total Six Year Cost	\$42,897,178	\$203,893,217	\$0	\$5,307,200	\$0	\$252,097,595
Total Project Cost	\$48,284,978	\$249,272,117	\$0	\$5,427,200	\$0	\$302,984,295

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0
-----	-----	-----	-----	-----	-----

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: Varies

Estimated Completion Date: Varies

Department Head Signature



Prepared By/Phone Ext

Samir Amin / X2461

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS/INFRASTRUCTURE TRANSPORTATION	Date Submitted:	3/19/2014
Project/Program:	Street Improvements City Portion of Stateand/or Federal Aided Program	Current Request:	\$7,841,528
Prepared By:	Samir Amin	6 Yr Total:	\$48,204,378
Dept Head:	Jeffery Polenske		

General Project/Program Description:
 This program is for repaving/reconstructing major and minor arterials in the city of milwaukee.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
x				Does the project directly promote improved health or safety?
	x			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate?
x				Does the project promote long-term regulatory compliance?
	x			Will there be a serious negative impact on the City if compliance is not achieved?
x				Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
	x			What return on investment will this project generate?
	x			What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
x			less maintenance	Will the project lead to a reduction in operating costs?
	x			Will the project lead to increased productivity or service improvements?
	x		less maintenance	Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity? (e.g. user fees)
	x			Will the project result in a reduction in energy use?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program:

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
		x		Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	x			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board ?
x				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	x			Does the project increase or enhance recreational opportunities and/or green space ?
				Will the project mitigate blight ?
x				Does the project target the quality of life of all citizens?
x				Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character ?
	x			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	x			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
Yes	No	N/A	Amount	
x			reduces the cycle	Infrastructure - Primarily recurring infrastructure and facility preservation programs
x				How does the request affect the replacement cycle? Provide specifics below.
				Has the facility being replaced exceeded its useful life ?
	x			Does this project extend the useful life of an existing facility?
	x			Do maintenance costs exceed replacement costs?
	x			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	x			Does the project incorporate new technology that will provide enhanced service?
	x			Does the project extend service for new development or redevelopment?
	x			Will this project improve the functionality or service life of other related infrastructure ?
Comments / Other Considerations:				
Yes	No	N/A	Amount	
	x			Economic / Community Development
	x			Does the project have the potential to promote economic/community development in areas where growth is desired ?
	x			Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
	x			Would an alternate location for this project provide a greater positive economic impact?
	x			Will the project produce desirable jobs in the City?
	x			Will the project rejuvenate an area that needs assistance?
	x			Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Yes	No	N/A	Amount	
x				Special Considerations
x				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations ?
	x			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				

**ATTACHEMENT 2(2015 BUDGET)
FEDERAL AND/OR STATE AIDED PROJECTS
(2014 REMAINING FUNDING NEEDS FROM PARENT ACCOUNTS)**

15budget REMAINING 2014

TYPE	PQI	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
LOCAL JURISDICTION PROJECTS:								
STP-A	2.30	W. Hampton Ave. Green Bay Ave to N Teutonia Traffic Control Lighting Conduit	\$160,000 \$50,000	\$128,000		\$32,000 \$50,000		
STP-A	2.00	N. Teutonia Ave. W. Groeling to W. Capitol Drive Preliminary Engineering	\$723,400	\$578,600		\$144,800	Complex	Section 106 Cemetary
STP-A	2.30	N. 91st St. W. Mill Rd to W. Good Hope Rd. Preliminary Engineering	\$633,450	\$507,000		\$126,450	LOW	
STP-A	2.20	N. Teutonia Ave. W. Garfield Ave. to W. Groeling Preliminary Engineering	\$417,000	\$333,600		\$83,400	LOW	
STP-A	2.00	W. Olkahoma Ave S. 60th St. to S. 49th St. Preliminary Engineering	\$481,650	\$385,300		\$96,350	Complex	NHS System
STP-A	2.90	W. Vliet St. N. 27th St. to N. 12th Preliminary Engineering	\$468,000	\$374,400		\$93,600	LOW	
STP-A	2.00	W. Greenfield Ave. S. 35th St. to S. Cesar E. Chavez Dr. Preliminary Engineering	\$557,000	\$445,600		\$111,400	Complex	Streetscape Issues
STP-A	2.00	S. 60th St. W. Morgan to Kinnickinic River Prkwy Preliminary Engineering	\$590,000	\$472,000		\$118,000	LOW	
STP-A	2.50	S. 60th St. W. Cold Spring to W. Morgan Ave. Preliminary Engineering	\$590,000	\$472,000		\$118,000	LOW	
STP-A	2.00	E/W Howard Ave. S. 6th St. to S. Clement Ave. Preliminary Engineering	\$600,000	\$480,000		\$120,000	Complex	Trans 75 Issues
STP-A	2.20	N. 60th St. W. Florist to W. Mill Rd Preliminary Engineering	\$336,000	\$268,800		\$67,200	LOW	
STP-A	2.00	N. 27th St. W. Highland Blvd to W. Lisbon Ave. Preliminary Engineering	\$365,000	\$292,000		\$73,000	LOW	
STP-A	2.30	N. Humboldt Blvd E. N. Ave. to E. Keefe Ave. Preliminary Engineering	\$630,000	\$504,000		\$126,000	Complex	Tran 75 Issues
SUBTOTAL (STP-A)			\$5,971,500	\$4,737,300	\$0	\$1,234,200		
LOCAL SYSTEM BRIDGE PROJECTS:								
STP-BR		W. Granville Rd. Bridge Over Little Menomonee River Construction	\$235,000	\$180,000		\$55,000	LOW	
STP-BR		W. North Ave. Bridge Over CPRR Construction	\$500,000	\$400,000		\$100,000	Complex	RR Coordination
STP-BR	7.50	S. Whitnall Ave. Bridge over UPRR Construction	\$200,000	\$160,000		\$40,000	Complex	RR Coordination
SUBTOTAL (STP-BR)			\$935,000	\$740,000	\$0	\$195,000		

**ATTACHEMENT 2(2015 BUDGET)
FEDERAL AND/OR STATE AIDED PROJECTS
(2014 REMAINING FUNDING NEEDS FROM PARENT ACCOUNTS)**

15budget REMAINING 2014

TYPE	PQI	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
COUNTY JURISDICTIONAL PROJECTS:								
CO	2.70	W. Mill Rd N. Sidney Pl to N. 43rd Preliminary Engineering	\$50,000			\$50,000	LOW	
		SUBTOTAL(CO)	\$50,000	\$0	\$0	\$50,000		
STATE JURISDICTION PROJECTS:								
STP-CH	3.00	S. 27th St. W. Howard Ave. to Kinnickic River Prkwy Traffic Control Lighting Conduit Street Lighting	\$500,000 \$60,000	\$500,000		\$60,000		1.3 Miles
STP-CH	8.90	S. Howell Ave. E. Layton Ave. to Howard Ave. Construction Traffic Control Street Lighting Street Lighting Replacement	\$3,600,000 \$120,000 \$40,000 \$300,000	\$3,130,000 \$120,000 \$300,000	\$120,000	\$350,000 \$40,000	Complex	Coordinate with Airport 1.0 Miles
		SUBTOTAL(STP-CH)	\$4,620,000	\$4,050,000	\$120,000	\$450,000		
STATE	2.10	S. 27th St. Drexel to College Ave. Construction	\$19,600,000	\$19,580,000		\$20,000	LOW	1.97 Miles
STATE	4.00	Mayfair Rd(STH 100) Burleigh to Silver Spring Lighting Conduit	\$15,000	\$15,000				
STATE	3.20	Appleton Ave. (Hwy 41) W. Capitol Dr. to USH 45 Street Lighting Conduit Traffic Control	\$150,000			\$150,000		
STATE	2.70	Howell Ave. (STH38) Ryan Rd to Grange Street Lighting Conduit	\$50,000			\$50,000		
STATE		STH 100 Howard & Beloit St Intersection Preliminary Engineering	\$30,000			\$30,000		
STATE		Zoo Interchange (Glenview Ave. Bluemound to Wisconsin) Construction	\$2,500,000	\$2,450,000		\$50,000	COMPLEX	Multi project Coordination .50 Miles
		SUBTOTAL(STATE)	\$22,345,000	\$22,045,000	\$0	\$300,000		
OTHER PROJECTS								
HSIP	4.00	Sherman, Burleigh, Locust Inters Mast Arms Construction Traffic Control	\$180,000 \$50,000	\$162,000 \$45,000		\$18,000 \$5,000	LOW	
CMAQ		Milwaukee CBD Phase V & VI Engineering	\$600,000	\$480,000		\$120,000	LOW	

**ATTACHEMENT 2(2015 BUDGET)
FEDERAL AND/OR STATE AIDED PROJECTS
(2014 REMAINING FUNDING NEEDS FROM PARENT ACCOUNTS)**

15budget REMAINING 2014

TYPE	PQI	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
CMAQ		Forest Home , Oklahoma 27th St. Phase I(2984-02-99) Construction	\$320,000	\$256,000		\$64,000		
CMAQ		S. Kinnickinnic Bike Trail Maple to W. Washington 2984-24-70 Construction Struct 2 Grnflid/KK	\$1,675,000	\$1,340,000		\$335,000	LOW	
CMAQ		Bicycle Lane Installations2984-41-70 Construicton	\$470,000	\$376,000		\$94,000	LOW	
TE		Open Metal Grate Bike Lanes 2984-19-/71 Construction	\$650,000	\$520,000		\$130,000		
								DCD Cost
CMAQ		Milwaukee Smart Trips	\$337,300	\$337,300				
TE		City of Milwaukee Pedestrian Plan	\$150,000	\$120,000		\$30,000		
TE		Beer Line Bicycle Trail Extension						
		Real Estate Construction	\$650,000 \$212,000	\$520,000 \$169,600		\$130,000 \$42,400		
TE		Layton Blvd/S. 27th St Streetscape Enhancements Construction	\$1,142,700	\$914,200		\$228,500		
CMAQ		Milwaukee CBD Phase V &VI Construction St Lighting And Traffic	\$1,750,000 \$250,000	\$1,400,000 \$200,000		\$350,000 \$50,000		
CMAQ		Summerfest Advanced Parking Guidance Phase 2 1693-37-70 Construction	\$969,000	\$775,200		\$193,800	LOW	

**ATTACHEMENT 2(2015 BUDGET)
FEDERAL AND/OR STATE AIDED PROJECTS
(2014 REMAINING FUNDING NEEDS FROM PARENT ACCOUNTS)**

15budget REMAINING 2014

TYPE	PQI	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
CMAQ		Traffic Adaptive Signal Timers ID 1693-48-01,91 Construction	\$420,000	\$336,000		\$84,000		
HSIP		Install Monotube Mast Arms 10 Local Intersections Construction	\$670,000	\$603,000		\$67,000	LOW	
		Traffic Control	\$319,000	\$287,100		\$31,900		
HSIP		Install Overhead Mast Arms 4th/5th St. Corridor Traffic Control	\$450,200	\$405,200		\$45,000	LOW	
CMAQ		Installation of Transit Priority Express Bus/Trolley Circulator Signals	\$850,000	\$680,000		\$170,000	COMPLEX	COORDINATED WITH DOWNTOWN TROLLEY
CMAQ		Remaining CBD Streetscape Stages Preliminary Engineering	\$1,550,000	\$1,240,000		\$310,000		
		Construction	\$3,300,000	\$2,640,000		\$660,000		
		SUBTOTAL	\$16,965,200	\$13,806,600	\$0	\$3,158,600		
YR TOTAL			\$50,886,700	\$45,378,900	\$120,000	\$5,387,800		

**ATTACHEMENT 2(2015 BUDGET)
 FEDERAL AND/OR STATE AIDED PROJECTS
 (2014 REMAINING FUNDING NEEDS FROM PARENT ACCOUNTS)**

15budget REMAINING 2014

TYPE	PQI	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
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2014

	Assessable	Non-Assesable
Funds Available February 15, 2014 In Parent Accounts (Unencumbered Carry Over)	\$1,509,203	\$2,770,867
Appropriation for 2014		
Cash	\$0	\$0
Borrowing	\$1,000	\$6,214,000
Subaccount Close-Outs (Estimated)	\$0	\$0
Available February 15, 2014	\$1,510,203	\$8,984,867
Total 2014 Needs	\$120,000	\$6,311,200
Assumed 2014 Needs(Carryover)	\$1,390,203	\$2,673,667

**MAJOR STREET IMPROVEMENTS
2015 BUDGET SUMMARY**

3/20/2014

TYPE	PQI	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
LOCAL JURISDICTIONAL PROJECTS:								
STP-A		S. 13th St. W. Forest Home Ave to W. Windlake Ave. Construction Traffic Control Lighting Conduit	\$1,305,300 \$292,000 \$60,000	\$1,044,200 \$233,600	\$25,000	\$236,100 \$58,400 \$60,000	LOW	.50 Miles
STP-A	2.10	S. 35th St. W. Burnham Ave. to W. Greenfield Ave. Construction Traffic Control Lighting Conduit	\$1,479,000 \$160,000 \$50,000	\$1,083,200 \$128,000	\$120,000	\$275,800 \$32,000 \$50,000	LOW	.56 Miles
STP-A	4.7	W. Lloyd St. N. 60th St. to W Lisbon Ave. Construction Traffic Control Lighting Conduit Real Estate	\$3,500,000 \$280,000 \$100,000 \$200,000	\$2,800,000 \$224,000 \$160,000	\$100,000	\$600,000 \$56,000 \$100,000 \$40,000	Complex	RE WITH MILW CO. 1.05 MI
STP-A		N. Teutonia Ave. W. Capitol Dr. to W. Ruby Ave. Construction Traffic Control Lighting Conduit	\$2,200,000 \$205,000 \$50,000	\$1,685,000 \$164,000	\$60,000	\$455,000 \$41,000 \$50,000	LOW	.70 Miles
SUBTOTAL (STP-A)			\$9,881,300	\$7,522,000	\$305,000	\$2,054,300		
LOCAL SYSTEM BRIDGE PROJECTS:								
STP-BR		S. 35th St. Bridge Over Kinnickinnic River Preliminary Engineering	\$100,000	\$80,000		\$20,000	LOW	
SUBTOTAL (STP-BR)			\$100,000	\$80,000	\$0	\$20,000		
COUNTY JURISDICTIONAL PROJECT:								
CO	2.70	W. Mill Rd. N. Sidney Pl to N. 43rd St. Construction	\$80,000			\$80,000		
SUBTOTAL (CO)			\$80,000	\$0	\$0	\$80,000		

**MAJOR STREET IMPROVEMENTS
2015 BUDGET SUMMARY**

3/20/2014

TYPE	PQI	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
		STATE JURISDICTION PROJECTS:						
STP-CH		S. Howell Ave. E. Grange to E. Layton Ave. Construction Traffic Control Lighting Conduit SUBTOTAL (STP-CH)	\$4,200,000 \$75,000 \$50,000 \$4,325,000	\$3,360,000 \$75,000	\$85,000	\$755,000 \$50,000	Complex	Coordinate with Airport .80 Miles
STP-CH-BR		N. Port Washington Ave. Bridge Over Capitol Dr. Construction SUBTOTAL (STP-CH-BR)	\$750,000 \$750,000	\$600,000	\$0	\$150,000	Complex	Coordination with RR
		STATE JURISDICTIONAL PROJECTS						
STATE		W. Loomis Rd(STH 36) S. 51st to Fardale Ave. Construction SUBTOTAL (STATE)	\$11,000,000 \$11,000,000	\$10,925,000	\$0	\$75,000	LOW	
		OTHER PROJECTS:						
STP-S		Various Safety Projects Various Locations Preliminary Engineering Construction	\$100,000 \$500,000	\$90,000 \$450,000		\$10,000 \$50,000		
CMAQ		Milwaukee Bike Share Phase I Various Locations Procurement of Equipment Construction	\$1,104,800 \$251,200	\$883,840 \$200,960		\$220,960 \$50,240		80/20 Split
TAP		Interactive Bicycle Mapping Non-Infrastructure	\$180,000	\$144,000		\$36,000		80/20 Split
TAP		Safe Routes To School Policy and School Specific Plans Development Non-Infrastructure	\$318,000	\$254,400		\$63,600		80/20 Split
TAP		North Emmer Lane and north Plankinton Ave Bridges Bicycle Plating Preliminary Design(2017) Construction(2018)	\$70,345 \$445,520	\$56,276 \$356,416		\$14,069 \$89,104		80/20 Split
TAP		Citywide Bicycle Parking Program Construction Non-Infrastructure	\$587,006 \$96,764	\$469,604 \$77,411		\$117,402 \$19,353		80/20 Split
TAP		City/County Coordinated Trail and Bicycle Facilities Plan Non-Infrastructure	\$180,000	\$144,000		\$36,000		80/20 Split
CMAQ		Traffic Adaptive Signals control System Installation Preliminary Design Construction	\$127,500 \$952,000	\$102,000 \$761,600		\$25,500 \$190,400		80/20 Split
CMAQ		CNG Dispensing System Fill Capabilities Preliminary Design Construction	\$15,000 \$560,000	\$15,000 \$480,000		\$112,000		80/20 Split

**MAJOR STREET IMPROVEMENTS
2015 BUDGET SUMMARY**

3/20/2014

TYPE	PQI	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
CMAQ		Bicycle/Trails Transportation Plan 10 Year update Other	\$250,000	\$200,000		\$50,000		80/20 Split
CMAQ		CNG Code Requirement Modifications Preliminary Design Construction	\$37,500 \$1,400,000	\$37,500 \$1,120,000		\$280,000		80/20 Split
CMAQ		ATC Controller and Communications Upgrade Grant #1 Preliminary Design Construction	\$143,000 \$1,064,000	\$114,400 \$851,200		\$28,600 \$212,800		80/20 Split
CMAQ		ATC Controller and Communications Upgrade Grant # @ Preliminary Design Construction	\$143,000 \$1,064,000	\$114,400 \$851,200		\$28,600 \$212,800		80/20 Split
CMAQ		ATC Controllers and Communications Upgrade Grant # 3 Preliminary Design Construction	\$172,500 \$1,288,000	\$138,000 \$1,030,400		\$34,500 \$257,600		80/20 Split
HSIP		60th/Hampton (Monotubes) Preliminary Design	\$250,000	\$225,000		\$25,000		90/10 Split
HSIP-CH		Forest Home/27th Street (monotubes) Preliminary Design	\$200,000	\$180,000		\$20,000		90/10 Split
STP-Freight		Lisbon Ave and 27th Street Construction Traffic Control	\$104,000 \$22,000	\$83,200 \$17,600		\$20,800 \$4,400		STP Freight Movement PIWT Project
STP-Freight		Ward/Allis and Bay Construction	\$100,000	\$76,000		\$24,000		STP Freight Movement PIWT Project
HSIP		Install Monotube Mast Arms 6 Local Intersections Construction Traffic Control	\$270,000 \$195,000	\$243,000 \$175,500		\$27,000 \$19,500	LOW	
HSIP-CH		Install Monotube Mast Arms 3 Connecting Highway Intesect Construction Traffic Control	\$90,000 \$100,000	\$81,000 \$90,000		\$9,000 \$10,000	LOW	
HSIP-CH		Install Monotube Mast Arms 12 Connecting Highway Intersect Construction Traffic Control	\$950,000 \$530,000	\$855,000 \$477,000		\$95,000 \$53,000	LOW	
		Pavement Management System	\$220,000			\$220,000		
		Miscellaneous Transportaton Studies	\$100,000			\$100,000		
		Various Engineering and Construction Shortfall Resolutions	\$4,000,000	\$3,200,000		\$800,000		
		Administration	\$700,000			\$700,000		
		SUBTOTAL	\$18,881,135	\$14,645,907	\$0	\$4,267,228		

**MAJOR STREET IMPROVEMENTS
2015 BUDGET SUMMARY**

3/20/2014

TYPE	PQI	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON- ASSESSABLE	RISK	JUSTIFICATION
YEARLY TOTAL			\$45,017,435	\$37,207,907	\$390,000	\$7,451,528		

**MAJOR STREET IMPROVEMENTS
2016 BUDGET SUMMARY**

3/17/2014

TYPE	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
LOCAL JURISDICTIONAL PROJECTS:							
STP-A	N. 60th St. W. Florist to W. Mill Rd. Construction Traffic Control Lighting Conduit	\$2,485,000 \$125,000	\$1,988,000 \$100,000	\$99,400	\$397,600 \$25,000	LOW	
STP-A	S. 20th St. College to Grange Preliminary Engineering	\$450,000	\$360,000		\$90,000	NA	
STP-A	W. Howard S. 43rd St. to S. 60th Preliminary Engineering	\$370,000	\$296,000		\$74,000	NA	
STP_A	W. Wisconsin Ave. N. 20th St. to USH 41 Construction Traffic Control Lighting Conduit	\$4,800,000 \$284,000 \$100,000	\$3,840,000 \$227,200	\$100,000	\$860,000 \$56,800 \$100,000	Complex	COORDINATE WITH DCD 1.0MI
	SUBTOTAL (STP-A)	\$8,614,000	\$6,811,200	\$199,400	\$1,603,400		
LOCAL SYSTEM BRIDGE PROJECTS:							
STP-BR	W. Calumet Rd. Bridge Over Little Menomonee River Construction	\$510,000	\$408,000		\$102,000	MODERATE	Replacement over River
STP-BR	W. Villard Ave. Bridge Over Lincoln Creek Construction	\$500,000	\$400,000		\$100,000	Complex	COORDINATION WITH RI
	SUBTOTAL (STP-BR)	\$510,000	\$408,000	\$0	\$102,000		
COUNTY JURISDICTIONAL PROJECT:							
	SUBTOTAL (CO)	\$0	\$0	\$0	\$0		
STATE JURISDICTION PROJECTS:							
STP-CH	W. Fond du Lac W. Capitol to N. 68th St. Construction Traffic Control Lighting Conduit Street Lighting	\$13,815,000 \$370,000 \$685,000	\$13,209,650 \$370,000 \$685,000	\$95,000	\$510,350	Complex	1.47 Miles
STP-CH	W. Highland Ave. (USH 18) N. 27th St. to N. 12th St. Construction Traffic Control Street Lighting	\$3,770,000 \$200,000	\$3,560,100 \$200,000	\$30,000	\$179,900	LOW	
	SUBTOTAL (STP-CH)	\$18,840,000	\$18,024,750	\$125,000	\$690,250		
STATE	STH 100 Howard & Beloit Intersection Construction	\$75,000			\$75,000	LOW	
	SUBTOTAL (STATE)	\$75,000	\$0	\$0	\$75,000		

Capital Improvement Request Form Part I

Project/Program Title: Resurface Reconstruction Streets

Requesting Department: Department of Public Works

Prepared By/Phone Ext: Mary Dziewionkoski -2460

Department Head Signature: *Catherine Kuban*

Account No: ST211150000

A) Department Priority _____ of _____ Useful Life 50 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The street reconstruction and resurfacing program is a listing of those streets for which pavement or curb and gutter are in need of rehabilitation. The objective of this program is to maintain a street system at such a standard that streets are safe for motorists and pedestrians while holding the annual maintenance costs at a reasonable level. Given the City's investment in its street infrastructure (1.5 Billion estimated replacement costs) and its responsibility for providing a means for transporting vehicles, people and commodities safely and efficiently while minimizing adverse impacts upon the environment, the City's level of effort in its commitment to preserve the street system becomes increasingly important. The program will allow for a continuing annual reconstructions/resurface street improvement plan with an appropriation of funds sufficient to allow the rehabilitation of pavement facilities to assure retention of a reasonable good street system.

G) Additional Comments

One analysis was that more than 17 miles of streets should be replaced each year to maintain the infrastructure. There are approximately 990 miles of local and collector streets that are funded by this program. Approximately 17 million in expenditure on rehabilitation should be sufficient to meet this goal. The Vehicle Registration Fee, approved in 2008, has replaced the assessment for the pavement items, the only assessable items are sidewalk and driveway replacement. The previous opposition to the replacement of the street by the property owners has virtually been eliminated. Included in this request is \$1.0 million for maintenance operations such as sealing, crackfilling and overlays of streets.

Capital Improvement Request Part II

Requesting Department: Department of Public Works Account No: ST211150000
 Project/Program Title: Street Resurface/reconstruction

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special		Total Cost
				Assessment	Enterprise	
Remaining Balance for 2014						\$0
2015 Budget Request	\$12,300,000			\$1,200,000		\$13,500,000
2016 Projection	\$14,400,000			\$1,200,000		\$15,600,000
2017 Projection	\$14,400,000			\$1,200,000		\$15,600,000
2018 Projection	\$15,800,000			\$1,300,000		\$17,100,000
2019 Projection	\$15,000,000			\$1,300,000		\$16,300,000
2020 Projection	\$15,800,000			\$1,300,000		\$17,100,000
Total Six Year Cost	\$87,700,000	\$0	\$0	\$7,500,000	\$0	\$95,200,000
Total Project Cost	\$87,700,000	\$0	\$0	\$7,500,000	\$0	\$95,200,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: _____ on going _____

Estimated Completion Date: _____

Department Head Signature

Gabe...

Prepared By/Phone Ext

CIC - Capital Improvement Request Part III

Department: Department of Public Works
 Project/Program: Street Resurface/Reconstruction
 Prepared By: Mary Dziejwiontkoski
 Dept Head: Jeffrey Polenske, City Engineer

Date Submitted: 3/17/2014
 Current Request: \$13,500,000
 6 Yr Total: \$95,200,000

General Project/Program Description:

This program is for repaving/reconstructing local streets

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
	X			What return on investment will this project generate?
	X			What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
			less maintenance	Will the project lead to a reduction in operating costs?
	X			Will the project lead to increased productivity or service improvements?
			less maintenance	Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Street resurface/reconstruction

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans -Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	x			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	x			Does the project increase or enhance recreational opportunities and/or green space?
	x			Will the project mitigate blight?
	x			Does the project target the quality of life of all citizens?
	x			Does the project preserve or improve the historical or natural heritage of the City?
	x			Is the project consistent with established community character?
	x			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	x			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure -Primarily recurring infrastructure and facility preservation programs
x			reduces the cycle	How does the request affect the replacement cycle? Provide specifics below.
x				Has the facility being replaced exceeded its useful life?
	x			Does this project extend the useful life of an existing facility?
	x			Do maintenance costs exceed replacement costs?
	x			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	x			Does the project incorporate new technology that will provide enhanced service?
	x			Does the project extend service for new development or redevelopment?
	x			Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
	x			Does the project have the potential to promote economic/community development in areas where growth is desired?
	x			Will the project continue to promote or enhance economic/community development in an already developed area?
	x			Is the net impact of the project positive?
	x			Would an alternate location for this project provide a greater positive economic impact?
	x			Will the project produce desirable jobs in the City?
	x			Will the project rejuvenate an area that needs assistance?
	x			Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	x			Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Capital Improvement Request Form Part I

Project/Program Title: High Impact Streets

Requesting Department: Department of Public Works

Prepared By/Phone Ext: Mary Dziejwontkoski -2460

Department Head Signature: *Gabe...*

Account No: ST216150000

A) Department Priority _____ of _____ Useful Life 35 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This is a program targeted at doing more maintenance on "major" streets. It was a newly funded program in 2013. \$1.0M was budgeted in 2013, \$3.0M was allocated in 2014 and \$2.0 is requested for the remainder of the six year program. Only asphalt is included on the projects, there is no concrete work proposed and also no assessments.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Department of Public Works Account No: ST216150000
 Project/Program Title: Hi Impact

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$0					\$0
2015 Budget Request	\$2,000,000					\$2,000,000
2016 Projection	\$2,000,000					\$2,000,000
2017 Projection	\$1,000,000					\$1,000,000
2018 Projection	\$1,000,000					\$1,000,000
2019 Projection	\$1,000,000					\$1,000,000
2020 Projection	\$1,000,000					\$1,000,000
Total Six Year Cost	\$8,000,000	\$0	\$0	\$0	\$0	\$8,000,000
Total Project Cost	\$8,000,000	\$0	\$0	\$0	\$0	\$8,000,000

Life to Date Expenditures (Project Only) \$0 \$0 \$0 \$0 \$0 \$0

Available Cost Estimate:

Thorough Cost Estimate	2015	2016	2017	2018	2019	2020
Limited Information	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: _____ on going _____

Estimated Completion Date: _____

Department Head Signature: *Chelsea Kuhn*
 Prepared By/Phone Ext: _____

CIC - Capital Improvement Request Part III

Department:	Department of public works	Date Submitted:	3/17/2014
Project/Program:	High Impact Streets	Current Request:	\$2,000,000
Prepared By:	Mary Dziejwiontkoski	6 Yr Total:	\$8,000,000
Dept Head:	Jeffrey Polenske, City Engineer		

General Project/Program Description:
 This is a program targeted at doing more maintenance on "major" streets.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x			less potholes	Does the project directly reduce risks to people or property?
x			less damage to property	Does the project directly promote improved health or safety?
	x			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate?
	x			Does the project promote long-term regulatory compliance?
	x			Will there be a serious negative impact on the City if compliance is not achieved?
	x			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
x				Does the project minimize life-cycle cost?
	x			Will the facility require additional personnel to operate?
x			less maintenance	Will the project lead to a reduction in operating cost?
	x			Will the project lead to increased productivity or service improvements?
	x		less maintenance	Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity? (e.g. user fees)
	x			Will the project result in a reduction in energy use?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operation?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: High Impact paving

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans -Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	x			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	x			Does the project increase or enhance recreational opportunities and/or green space?
	x			Will the project mitigate blight?
	x			Does the project target the quality of life of all citizens?
	x			Does the project preserve or improve the historical or natural heritage of the City?
	x			Is the project consistent with established community character?
	x			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	x			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure -Primarily recurring infrastructure and facility preservation programs
x			reduces the cycle	How does the request affect the replacement cycle? Provide specifics below.
x				Has the facility being replaced exceeded its useful life?
x				Does this project extend the useful life of an existing facility?
	x			Do maintenance costs exceed replacement costs?
	x			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	x			Does the project incorporate new technology that will provide enhanced service?
	x			Does the project extend service for new development or redevelopment?
	x			Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
	x			Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
	x			Would an alternate location for this project provide a greater positive economic impact?
	x			Will the project produce desirable jobs in the City?
			possibly	Will the project rejuvenate an area that needs assistance?
	x			Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	x			Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Capital Improvement Request Form Part I

Project/Program Title: Alley reconstruction Requesting Department: Department of Public Works
 Prepared By/Phone Ext: Mary Dzewiontkoski -2460 Department Head Signature: *[Signature]*
 Account No: ST212150000

A) Department Priority _____ of _____ Useful Life 75 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This is a listing City sponsored alleys which are in need of replacement with a portion of the cost being recovered by special assessments levied against abutting properties. The current recovery rate is 30% of the costs. Lack of funding will permit an old system to get older resulting in more advanced deteriorated facilities which will require significantly higher maintenance expenditures and ultimately higher construction costs if delayed. In terms of cost savings and future cost avoidance, the effectiveness of improvements can perhaps be measured on less routine maintenance operations.

G) Additional Comments

From 2000-2014 based on the funds budgeted for the alley program, an average of 20 alleys have been replaced per year. The alley system is comprised of approximately 4000 alleys. Based on this data, we have had an average replacement cycle of nearly 200 years. In 2014, approximately 23 alleys will be constructed. To reduce the replacement cycle to 100 years, more than \$3.0M will be needed.

Capital Improvement Request Part II

Requesting Department: Department of Public Works Account No: ST212150000
 Project/Program Title: Alley reconstruction

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014	\$0			\$100,000		\$100,000
2015 Budget Request	\$1,625,000			\$400,000		\$2,025,000
2016 Projection	\$1,625,000			\$500,000		\$2,125,000
2017 Projection	\$1,625,000			\$500,000		\$2,125,000
2018 Projection	\$1,625,000			\$500,000		\$2,125,000
2019 Projection	\$1,625,000			\$500,000		\$2,125,000
2020 Projection	\$1,625,000			\$500,000		\$2,125,000
Total Six Year Cost	\$9,750,000	\$0	\$0	\$2,900,000	\$0	\$12,650,000
Total Project Cost	\$9,750,000	\$0	\$0	\$3,000,000	\$0	\$12,750,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0
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Available Cost Estimate:	2015	2016	2017	2018	2019	2020
Thorough Cost Estimate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: _____ on going _____
 Estimated Completion Date: _____

Department Head Signature: *Ghosea Kumar*
 Prepared By/Phone Ext: _____

CIC - Capital Improvement Request Part III

Department:	Department Of Public Works	Date Submitted:	3/17/2014
Project/Program:	Alley reconstruction		
Prepared By:	Mary Dziejwiontkoski	Current Request:	\$2,025,000
Dept Head:	Jeffrey Polenske, City Engineer	6 Yr Total:	\$12,750,000

General Project/Program Description:
 This program is for the replacement of alleys.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x			less potholes	Does the project directly reduce risks to people or property?
x			less damage to property	Does the project directly promote improved health or safety?
	x			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate?
	x			Does the project promote long-term regulatory compliance?
	x			Will there be a serious negative impact on the City if compliance is not achieved?
	x			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
	x			What return on investment will this project generate?
	x			What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
x			less maintenance	Will the project lead to a reduction in operating costs?
	x			Will the project lead to increased productivity or service improvements?
	x		less maintenance	Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment for the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity? (e.g. user fees)
	x			Will the project result in a reduction in energy use?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Alley reconstruction

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans -Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	x			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	x			Does the project increase or enhance recreational opportunities and/or green space?
	x			Will the project mitigate blight?
	x			Does the project target the quality of life of all citizens?
	x			Does the project preserve or improve the historical or natural heritage of the City?
	x			Is the project consistent with established community character?
	x			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	x			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure -Primarily recurring infrastructure and facility preservation programs
x			reduces the cycle	How does the request affect the replacement cycle? Provide specifics below.
x				Has the facility being replaced exceeded its useful life?
		x	replaces	Does this project extend the useful life of an existing facility?
	x			Do maintenance costs exceed replacement costs?
			can be provided	Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	x			Does the project incorporate new technology that will provide enhanced service?
	x			Does the project extend service for new development or redevelopment?
	x			Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
	x			Does the project have the potential to promote economic/community development in areas where growth is desired?
	x			Will the project continue to promote or enhance economic/community development in an already developed area?
			possibly	Is the net impact of the project positive?
	x			Would an alternate location for this project provide a greater positive economic impact?
	x			Will the project produce desirable jobs in the City?
	x			Will the project rejuvenate an area that needs assistance?
	x			Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	x			Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Capital Improvement Request Form Part I

Project/Program Title: New Streets

Requesting Department: Department of Public Works

Prepared By/Phone Ext: Mary Dzewiontkoski -2460

Department Head Signature: *Ghassan Kuhn*

Account No: ST210150000

A) Department Priority _____ of _____ Useful Life 50 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This program provides for the construction of presently unimproved streets to serve residential, commercial or industrial area. These projects are sponsored by the City with a portion of the cost being recovered by special assessments levied against abutting properties.

G) Additional Comments

At this time, there are no specific requests for new streets for 2015. If a request is received, these funds will be used for the project.

Capital Improvement Request Part II

Requesting Department: Department of Public Works

Project/Program Title: New Streets

Account No: ST210150000

Year	Special Assessment			Total Cost
	Tax Levy/Borrowing	Grant & Aid	Revenue	
Remaining Balance for 2014				\$0
2015 Budget Request	\$0		\$0	\$0
2016 Projection	\$200,000		\$150,000	\$350,000
2017 Projection	\$0		\$0	\$0
2018 Projection	\$200,000		\$150,000	\$350,000
2019 Projection	\$0		\$0	\$0
2020 Projection	\$200,000		\$150,000	\$350,000
Total Six Year Cost	\$600,000	\$0	\$450,000	\$1,050,000
Total Project Cost	\$600,000	\$0	\$450,000	\$1,050,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

Thorough Cost Estimate	2015	2016	2017	2018	2019	2020
Limited Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source?
 Are cost estimates based on industry standards?
 Will city employees be performing any portion of the work?
 Did you perform a cost/benefit analysis?

Yes No Uncertain
 Yes No Uncertain
 Yes No Uncertain
 Yes No Uncertain

How will this project impact city operating expenditures?

Increase Decrease None

Estimated Start Date: _____ on going _____

Estimated Completion Date: _____

Department Head Signature

Ghassan Kutub

Prepared By/Phone Ext

CIC - Capital Improvement Request Part III

Department:	Department of Public works	Date Submitted:	3/17/2014
Project/Program:	New Streets	Current Request:	\$150,000 assessable
Prepared By:	Mary Dziejwontkoski	6 Yr Total:	\$1,050,000
Dept Head:	Jeffrey Polenske, City Engineer		

General Project/Program Description:
 Construction of new streets, which are currently 'unimproved' rights of way

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	x			Does the project directly reduce risks to people or property?
	x			Does the project directly promote improved health or safety?
	x			Does the project mitigate an immediate risk?
<u>Comments / Other Considerations:</u>				

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate ?
	x			Does the project promote long-term regulatory compliance ?
	x			Will there be a serious negative impact on the City if compliance is not achieved?
	x			Are there other ways to mitigate the regulatory concern?
<u>Comments / Other Considerations:</u>				

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
	x			Does the project minimize life-cycle cost ?
	x			Will the facility require additional personnel to operate?
	x			Will the project lead to a reduction in operating cost ?
	x			Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance ?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity ? (e.g. user fees)
				Will the project result in a reduction in energy use ?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations ?
	x			Are there other potential costs associated with this project that are not addressed above?
<u>Comments / Other Considerations:</u>				

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: New Streets

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans -Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	x			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board ?
	x			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	x			Does the project increase or enhance recreational opportunities and/or green space?
	x			Will the project mitigate blight?
	x			Does the project target the quality of life of all citizens?
	x			Does the project preserve or improve the historical or natural heritage of the City?
	x			Is the project consistent with established community character ?
x			could be a new development	Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	x			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure -Primarily recurring infrastructure and facility preservation programs
		x		How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
		x		Does this project extend the useful life of an existing facility?
		x		Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		x		Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
	x			Does the project have the potential to promote economic/community development in areas where growth is desired?
	x			Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
	x			Would an alternate location for this project provide a greater positive economic impact?
			possibly	Will the project produce desirable jobs in the City?
	x			Will the project rejuvenate an area that needs assistance?
	x			Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
				Are there critical timing issues associated with this project?
				Are there inter-jurisdictional considerations?
				Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Capital Improvement Request Form Part I

Project/Program Title: Developer paving

Requesting Department: Department of Public Works

Prepared By/Phone Ext: Mary Dziejwiontkoski -2460

Department Head Signature: *Gheena Kuhn*

Account No: ST214150000

A) Department Priority _____ of _____ Useful Life 35 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Installation of public improvements for new residential and commercial developments is covered by out-of-program agreements in accordance with the Milwaukee Code of Ordinances. This program provides for the construction of streets and alleys required to serve platted subdivisions and planned developments with funds provided by the developer. The objective of the program is to provide permanent pavement facilities to serve new developments in the City. This fund is also used for street paving projects that are partially in other adjacent communities. The projects are constructed, then billed to the community.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Department of Public Works

Project/Program Title: Developer deposit streets

Account No: ST214150000

Year	Special Assessment				Total Cost
	Tax Levy/Borrowing	Grant & Aid	Revenue	Enterprise	
Remaining Balance for 2014					\$0
2015 Budget Request			\$400,000		\$400,000
2016 Projection			\$400,000		\$400,000
2017 Projection			\$400,000		\$400,000
2018 Projection			\$400,000		\$400,000
2019 Projection			\$400,000		\$400,000
2020 Projection			\$400,000		\$400,000
Total Six Year Cost	\$0	\$0	\$2,400,000	\$0	\$2,400,000
Total Project Cost	\$0	\$0	\$2,400,000	\$0	\$2,400,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0
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Available Cost Estimate:

Thorough Cost Estimate	2015	2016	2017	2018	2019	2020
Limited Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source?

- Are cost estimates based on industry standards?
 Will city employees be performing any portion of the work?
 Did you perform a cost/benefit analysis?

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: _____ on going

Estimated Completion Date: _____

Sharon Kuhn

Department Head Signature

Prepared By/Phone Ext

CIC - Capital Improvement Request Part III

Department:	Department of Public Works	Date Submitted:	3/17/2014
Project/Program:	Developer financed projects	Current Request:	\$400,000
Prepared By:	Mary Dziewiontkoski	6 Yr Total:	\$2,400,000
Dept Head:	Jeffrey Polenske, City Engineer		

General Project/Program Description:
 This program funds projects that are in conjunction with adjacent communities and with developers who deposit the funds to pay for the projects.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	x			Does the project directly reduce risks to people or property?
	x			Does the project directly promote improved health or safety?
	x			Does the project mitigate an immediate risk?
Comments / Other Considerations:				

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate?
	x			Does the project promote long-term regulatory compliance?
	x			Will there be a serious negative impact on the City if compliance is not achieved?
	x			Are there other ways to mitigate the regulatory concern?
Comments / Other Considerations:				

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
			possible development	What return on investment will this project generate?
		x		What is the expected payback period for this project?
	x			Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
	x			Will the project lead to a reduction in operating costs?
	x			Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity? (e.g. user fees)
	x			Will the project result in a reduction in energy use?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?
Comments / Other Considerations:				

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Developer financed projects

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans -Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	x			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board ?
	x			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	x			Does the project increase or enhance recreational opportunities and/or green space?
	x			Will the project mitigate blight?
	x			Does the project target the quality of life of all citizens?
	x			Does the project preserve or improve the historical or natural heritage of the City?
	x			Is the project consistent with established community character?
	x			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	x			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure -Primarily recurring infrastructure and facility preservation programs
	x		new developments	How does the request affect the replacement cycle? Provide specifics below.
		x		Has the facility being replaced exceeded its useful life?
	x			Does this project extend the useful life of an existing facility?
	x			Do maintenance costs exceed replacement costs?
	x			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	x			Does the project incorporate new technology that will provide enhanced service?
	x			Does the project extend service for new development or redevelopment?
	x			Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
			possibly	Does the project have the potential to promote economic/community development in areas where growth is desired?
			possibly	Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
	x			Would an alternate location for this project provide a greater positive economic impact?
			possibly	Will the project produce desirable jobs in the City?
			possibly	Will the project rejuvenate an area that needs assistance?
	x			Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	x			Are there critical timing issues associated with this project?
x			other communities	Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Capital Improvement Request Form Part I

Project/Program Title: Sidewalk Replacement program Requesting Department: Department of Public Works

Prepared By/Phone Ext: Samir Amin-2461 Department Head Signature: Ghassan Kuban

Account No: ST230150000

A) Department Priority _____ of _____ Useful Life 75 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

A goal of the City's strategic plan includes the improvement of existing infrastructure. To achieve this goal, sidewalks within the City's street system must be kept in a safe condition for the general public. Sidewalk replacement by contract is an existing program for the replacement of defective sidewalk throughout the City. It's purpose to eliminate cracked, spalled and out-of-grade walk slabs in the public way. replacements are scheduled within specific areas. In 2007 a detailed field sidewalk survey was completed which represented 5% of all sidewalks in random streets throughout the City and indicated of the existing 68 million square feet of walk in the City, as much as 18% Or 12 million square feet may be defective.

G) Additional Comments

The Milwaukee Charter mandates the Commissioner of public Works "to cause the sidewalks in the City to be kept in proper shape"(11-25).This program has resulted in the effective maintenance of the City's sidewalk since 1963 and serves to enhance the restoration of neighborhoods and improvement of the infrastructure system. The program's goal is the annual replacement of 300,000 to 350000 square feet of sidewalk. Project scope include sidewalk, curb and gutter and handicap ramp replacements by contract and scattered sites.

Capital Improvement Request Part II

Requesting Department: Department of Public Works/Infrastructure

Account No: ST230150000

Project/Program Title: Sidewalk Replacement Program

Special Assessment: \$100,000

Year	Tax Levy/Borrowing			Grant & Aid			Revenue			Special Assessment			Enterprise			Total Cost											
	2015	2016	2017	2018	2019	2020	2015	2016	2017	2018	2019	2020	2015	2016	2017	2018	2019	2020	2015	2016	2017	2018	2019	2020			
Remaining Balance for 2014																											
2015 Budget Request		\$1,350,000											\$100,000														\$1,000,000
2016 Projection		\$1,425,000											\$450,000														\$1,800,000
2017 Projection		\$1,500,000											\$475,000														\$1,900,000
2018 Projection		\$1,575,000											\$500,000														\$2,000,000
2019 Projection		\$1,580,000											\$525,000														\$2,100,000
2020 Projection		\$1,625,000											\$620,000														\$2,200,000
Total Six Year Cost		\$9,055,000											\$3,070,000														\$12,125,000
Total Project Cost		\$9,055,000											\$3,170,000														\$12,225,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source?

- Yes No Uncertain

Are cost estimates based on industry standards?

- Yes No Uncertain

Will city employees be performing any portion of the work?

- Yes No Uncertain

Did you perform a cost/benefit analysis?

- Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 04/01/15

Estimated Completion Date: 12/31/15

Department Head Signature



Prepared By/Phone Ext

Samir Amin X.2461

CIC - Capital Improvement Request Part III

Department:	DPW/INFRASTRUCTURE TRANSPORTATION	Date Submitted:	3/20/2014
Project/Program:	SIDEWALK REPLACEMENT PROGRAM		
Prepared By:	Samir Amin	Current Request:	\$1,350,000
Dept Head:	Jeffery polenske	6 Yr Total:	\$12,225,000

General Project/Program Description:
 Program funds the replacement of deteriorated sidewalks throughout the City in specific geographical areas as requested by residents.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
x				Does the project directly promote improved health or safety?
x				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		x		Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
		x		Will the project lead to a reduction in operating costs?
		x		Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
x				Is there a revenue generating opportunity? (e.g. user fees)
		x		Will the project result in a reduction in energy use?
		x		Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 Portion of cost are assessable to the property owner.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: _____

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space?
		x		Will the project mitigate blight?
		x		Does the project target the quality of life of all citizens?
		x		Does the project preserve or improve the historical or natural heritage of the City?
		x		Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
x				How does the request affect the replacement cycle? Provide specifics below.
x				Has the facility being replaced exceeded its useful life?
	x			Does this project extend the useful life of an existing facility?
	x			Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	x			Does the project incorporate new technology that will provide enhanced service?
	x			Does the project extend service for new development or redevelopment?
	x			Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
x				Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
x				Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	x			Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
		x		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

Capital Improvement Request Form Part I

Project/Program Title: Street Lighting Program Requesting Department: DPW / Infrastructure Services
 Prepared By/Phone Ext: Robert W. Bryson, ext. 3244 Department Head Signature: *Gherson Kuhn*
 Account No: ST240150000

A) Department Priority _____ of _____ Useful Life 40 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The Department of Public Works strives to maintain adequate lighting in neighborhoods and business districts to preserve a sense of safety and security for residents, and to support business growth. It is also necessary to maintain sufficient lighting levels on roadways to meet minimum National lighting standards and to support safe vehicular and pedestrian circulation. The street lighting system is continuously monitored to assess system adequacy, to evaluate equipment age with respect to average useful life, and to determine need for operational improvements and upgrades to improve system reliability. The resources requested are necessary to replace deteriorated poles, defective cable, outdated circuitry, aging electrical substations and other lighting equipment, modernize the street lighting control system, and to preserve adequate residential and business district lighting levels during periods of roadway or other utility construction.

G) Additional Comments

Investment in this program continues to preserve and improve lighting and increase system reliability, which promotes livability and attractiveness of City neighborhoods while supporting a sense of security for residents. Provision of adequate lighting also supports local business growth by increasing the visibility and security of commercial business districts, and creates a sense of safety and security for their patrons. Pedestrian and vehicular safety during nighttime hours is enhanced through high level and pedestrian scale lighting, which in turn reduces costs related to traffic crashes and promotes a nighttime pedestrian presence. Maintaining street lighting levels which meet minimum standards also reduces exposure to liability. Additionally, the continued incorporation of advances in technology into the street lighting system can more effectively and efficiently preserve system integrity and reliability of operation.

Capital Improvement Request Part II

Requesting Department: DPW / Infrastructure Services Account No: ST240150000
 Project/Program Title: Street Lighting Program

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$10,385,000					\$10,385,000
2016 Projection	\$10,650,000					\$10,650,000
2017 Projection	\$11,020,000					\$11,020,000
2018 Projection	\$11,400,000					\$11,400,000
2019 Projection	\$11,840,000					\$11,840,000
2020 Projection	\$11,100,000					\$11,100,000
Total Six Year Cost	\$66,395,000	\$0	\$0	\$0	\$0	\$66,395,000
Total Project Cost	\$66,395,000	\$0	\$0	\$0	\$0	\$66,395,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:
 Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
 Limited Information
 Based on Cost of Similar Projects
 Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?
 Increase Decrease None

Estimated Start Date: 01/01/15
 Estimated Completion Date: 12/31/15

Department Head Signature: 

Prepared By/Phone Ext: Robert W. Bryson, ext. 3244

CIC - Capital Improvement Request Part III

Department:	DPW / Infrastructure Services	Date Submitted:	3/12/2014
Project/Program:	Street Lighting Program		
Prepared By:	Robert W. Bryson	Current Request:	\$10,385,000
Dept Head:	Ghassan Korban	6 Yr Total:	\$66,395,000

General Project/Program Description:

This ongoing program provides for the preservation, improvement and expansion of the City's street lighting facilities to provide sufficient lighting during nighttime hours on streets, alleys and sidewalks in the City of Milwaukee.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

This program provides for the illumination of roadways, sidewalks and alleys in the City to maintain a high level of safety for both vehicular and pedestrian traffic during nighttime hours. This program also strives to maintain adequate lighting to promote safety for City residents and visitors to the area, and to promote the livability of residential areas of the City through a general sense of security.

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
X				Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

Some limited energy reduction can be achieved under this funding request through the continuing replacement of mercury vapor street lights with more energy efficient high pressure sodium lighting. The upgrade of equipment will also address current system failures, and improve the reliability of street lighting operation.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Street Lighting Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - <i>Comprehensive Area Plans adopted by the Common Council are available on DCD's website</i>
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board ?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space ?
	X			Will the project mitigate blight ?
X				Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character ?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
Through the preservation and improvement of nighttime street lighting levels and system reliability, the street lighting program promotes the livability, attractiveness and sense of security in City neighborhoods. It also supports business growth by maintaining adequate visibility and security of commercial business districts, while providing a sense of safety				
Yes	No	N/A	Amount	Infrastructure - <i>Primarily recurring infrastructure and facility preservation programs</i>
			No Change	How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X			\$1,250,000	Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure ?
Comments / Other Considerations:				
The funding requested for street lighting capital improvements represents no change in life cycle replacement from prior requests.				
Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired ?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
As noted above, the street lighting program supports business growth by maintaining adequate visibility and security of commercial business districts, while providing a sense of safety and security for business patrons.				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations ?
	X			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				

**Six Year
Capital Improvement Program**

Street Lighting

Sec. Project Description	Labor, Wages and Materials	2015 Fringe Benefits	Total	Cumulative
A. Paving Program				
1 Improvements Related to Paving	\$4,000,000	\$800,000	\$4,800,000	
Subtotal, Section A	\$4,000,000	\$800,000	\$4,800,000	\$4,800,000
B. Street Lighting Substations				
1 Substation Repair and Enclosure Maint.	\$104,200	\$20,800	\$125,000	
2 Street Lighting Control Circuit Replacement	\$0	\$0	\$1,250,000	
Subtotal, Section B	\$104,200	\$20,800	\$1,375,000	\$6,175,000
C. Neighborhood Lighting Program				
1 Upgrade Street and Alley Lighting	\$125,000	\$25,000	\$150,000	
2 Excavation Repairs	\$291,700	\$58,300	\$350,000	
3 Remove Series Circuitry	\$835,000	\$165,000	\$1,000,000	
4 Pole, Cable and Misc. Equipment Upgrades	\$625,100	\$124,900	\$650,000	
5 Corroded Steel Pole Replacement	\$166,700	\$33,300	\$300,000	
6 Uncollectable Pole Knockdown Repair	\$416,800	\$83,200	\$500,000	
Subtotal, Section C	\$2,460,300	\$489,700	\$2,950,000	\$9,125,000
D. Engineering				
1 Street Lighting Engineering	\$816,300	\$383,700	\$1,200,000	
2 Electrical Facilities Digitizing Project	\$40,800	\$19,200	\$60,000	
Subtotal, Section E	\$857,100	\$402,900	\$1,260,000	\$10,385,000
Total	\$7,421,600	\$1,713,400	\$10,385,000	\$10,385,000

March 12, 2014

**Six Year
Capital Improvement Program**

Street Lighting

Sec. Project Description	Labor, Wages and Materials	2016 Fringe Benefits	Total	Cumulative
A. Paving Program				
1 Improvements Related to Paving	\$4,200,000	\$840,000	\$5,040,000	
Subtotal, Section A	\$4,200,000	\$840,000	\$5,040,000	\$5,040,000
B. Street Lighting Substations				
1 Substation Repair and Enclosure Maint.	\$104,200	\$20,800	\$125,000	
2 Street Lighting Control Circuit Replacement	\$0	\$0	\$1,250,000	
Subtotal, Section B	\$104,200	\$20,800	\$1,375,000	\$6,415,000
C. Neighborhood Lighting Program				
1 Upgrade Street and Alley Lighting	\$131,300	\$26,200	\$157,500	
2 Excavation Repairs	\$306,300	\$61,200	\$367,500	
3 Remove Series Circuitry	\$835,000	\$165,000	\$1,000,000	
4 Pole, Cable and Misc. Equipment Upgrades	\$542,000	\$108,000	\$650,000	
5 Corroded Steel Pole Replacement	\$250,000	\$50,000	\$300,000	
6 Uncollectable Pole Knockdown Repair	\$417,000	\$83,000	\$500,000	
Subtotal, Section C	\$2,481,600	\$493,400	\$2,975,000	\$9,390,000
D. Engineering				
1 Street Lighting Engineering	\$857,000	\$403,000	\$1,260,000	
2 Electrical Facilities Digitizing Project	\$0	\$0	\$0	
Subtotal, Section E	\$857,000	\$403,000	\$1,260,000	\$10,650,000
Total	\$7,642,800	\$1,757,200	\$10,650,000	\$10,650,000

March 12, 2014

**Six Year
Capital Improvement Program**

Street Lighting

Sec. Project Description	Labor, Wages and Materials	2017 Fringe Benefits	Total	Cumulative
A. Paving Program				
1 Improvements Related to Paving	\$4,400,000	\$892,000	\$5,292,000	
Subtotal, Section A	\$4,400,000	\$892,000	\$5,292,000	\$5,292,000
B. Street Lighting Substations				
1 Substation Repair and Enclosure Maint.	\$104,200	\$20,800	\$125,000	
2 Street Lighting Control Circuit Replacement	\$0	\$0	\$1,250,000	
Subtotal, Section B	\$104,200	\$20,800	\$1,375,000	\$6,667,000
C. Neighborhood Lighting Program				
1 Upgrade Street and Alley Lighting	\$137,800	\$27,500	\$165,000	
2 Excavation Repairs	\$320,900	\$64,100	\$385,000	
3 Remove Series Circuitry	\$835,000	\$165,000	\$1,000,000	
4 Pole, Cable and Misc. Equipment Upgrades	\$567,000	\$113,000	\$680,000	
5 Corroded Steel Pole Replacement	\$250,000	\$50,000	\$300,000	
6 Uncollectable Pole Knockdown Repair	\$417,000	\$83,000	\$500,000	
Subtotal, Section C	\$2,527,700	\$502,600	\$3,030,000	\$9,697,000
D. Engineering				
1 Street Lighting Engineering	\$900,000	\$423,000	\$1,323,000	
2 Electrical Facilities Digitizing Project	\$0	\$0	\$0	
Subtotal, Section E	\$900,000	\$423,000	\$1,323,000	\$11,020,000
Total	\$7,931,900	\$1,838,400	\$11,020,000	\$11,020,000

March 12, 2014

**Six Year
Capital Improvement Program**

Street Lighting

Sec. Project Description	Labor, Wages and Materials	2018 Fringe Benefits	Total	Cumulative
A. Paving Program				
1 Improvements Related to Paving	\$4,626,000	\$924,000	\$5,550,000	
Subtotal, Section A	\$4,626,000	\$924,000	\$5,550,000	\$5,550,000
B. Street Lighting Substations				
1 Substation Repair and Enclosure Maint.	\$104,200	\$20,800	\$125,000	
2 Street Lighting Control Circuit Replacement	\$0	\$0	\$1,250,000	
Subtotal, Section B	\$104,200	\$20,800	\$1,375,000	\$6,925,000
C. Neighborhood Lighting Program				
1 Upgrade Street and Alley Lighting	\$146,000	\$29,000	\$175,000	
2 Excavation Repairs	\$333,500	\$66,500	\$400,000	
3 Remove Series Circuitry	\$835,000	\$165,000	\$1,000,000	
4 Pole, Cable and Misc. Equipment Upgrades	\$583,500	\$116,500	\$700,000	
5 Corroded Steel Pole Replacement	\$250,000	\$50,000	\$300,000	
6 Uncollectable Pole Knockdown Repair	\$417,000	\$83,000	\$500,000	
Subtotal, Section C	\$2,565,000	\$510,000	\$3,075,000	\$10,000,000
D. Engineering				
1 Street Lighting Engineering	\$952,000	\$448,000	\$1,400,000	
2 Electrical Facilities Digitizing Project	\$0	\$0	\$0	
Subtotal, Section E	\$952,000	\$448,000	\$1,400,000	\$11,400,000
Total	\$8,247,200	\$1,902,800	\$11,400,000	\$11,400,000

March 12, 2014

**Six Year
Capital Improvement Program**

Street Lighting

Sec. Project Description	Labor, Wages and Materials	2019 Fringe Benefits	Total	Cumulative
A. Paving Program				
1 Improvements Related to Paving	\$4,876,000	\$974,000	\$5,850,000	
Subtotal, Section A	\$4,876,000	\$974,000	\$5,850,000	\$5,850,000
B. Street Lighting Substations				
1 Substation Repair and Enclosure Maint.	\$104,200	\$20,800	\$125,000	
2 Street Lighting Control Circuit Replacement	\$0	\$0	\$1,250,000	
Subtotal, Section B	\$104,200	\$20,800	\$1,375,000	\$7,225,000
C. Neighborhood Lighting Program				
1 Upgrade Street and Alley Lighting	\$154,000	\$31,000	\$185,000	
2 Excavation Repairs	\$350,000	\$70,000	\$420,000	
3 Remove Series Circuitry	\$835,000	\$165,000	\$1,000,000	
4 Pole, Cable and Misc. Equipment Upgrades	\$616,000	\$124,000	\$740,000	
5 Corroded Steel Pole Replacement	\$250,000	\$50,000	\$300,000	
6 Uncollectable Pole Knockdown Repair	\$417,000	\$83,000	\$500,000	
Subtotal, Section C	\$2,622,000	\$523,000	\$3,145,000	\$10,370,000
D. Engineering				
1 Street Lighting Engineering	\$1,000,000	\$470,000	\$1,470,000	
2 Electrical Facilities Digitizing Project	\$0	\$0	\$0	
Subtotal, Section E	\$1,000,000	\$470,000	\$1,470,000	\$11,840,000
Total	\$8,602,200	\$1,987,800	\$11,840,000	\$11,840,000

March 12, 2014

**Six Year
Capital Improvement Program**

Street Lighting

Sec. Project Description	Labor, Wages and Materials	2020 Fringe Benefits	Total	Cumulative
A. Paving Program				
1 Improvements Related to Paving	\$5,170,000	\$1,030,000	\$6,200,000	
Subtotal, Section A	\$5,170,000	\$1,030,000	\$6,200,000	\$6,200,000
B. Street Lighting Substations				
1 Substation Repair and Enclosure Maint.	\$104,200	\$20,800	\$125,000	
2 Street Lighting Control Circuit Replacement	\$0	\$0	\$0	
Subtotal, Section B	\$104,200	\$20,800	\$125,000	\$6,325,000
C. Neighborhood Lighting Program				
1 Upgrade Street and Alley Lighting	\$162,500	\$32,500	\$195,000	
2 Excavation Repairs	\$366,700	\$73,300	\$440,000	
3 Remove Series Circuitry	\$835,000	\$165,000	\$1,000,000	
4 Pole, Cable and Misc. Equipment Upgrades	\$650,000	\$130,000	\$780,000	
5 Corroded Steel Pole Replacement	\$250,000	\$50,000	\$300,000	
6 Uncollectable Pole Knockdown Repair	\$417,000	\$83,000	\$500,000	
Subtotal, Section C	\$2,681,200	\$533,800	\$3,215,000	\$9,540,000
D. Engineering				
1 Street Lighting Engineering	\$1,065,000	\$495,000	\$1,560,000	
2 Electrical Facilities Digitizing Project	\$0	\$0	\$0	
Subtotal, Section E	\$1,065,000	\$495,000	\$1,560,000	\$11,100,000
Total	\$9,020,400	\$2,079,600	\$11,100,000	\$11,100,000

March 12, 2014

Capital Improvement Request Form Part I

Project/Program Title: Traffic Control Facilities Program Requesting Department: DPW / Infrastructure Services
 Prepared By/Phone Ext: Robert W. Bryson, ext. 3244 Department Head Signature: *Ghassan Kuhn*
 Account No: ST220150000

A) Department Priority _____ of _____ Useful Life 40 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This program provides for upgrade, replacement and installation of traffic control devices as needed to implement City Ordinances, accommodate traffic pattern changes, meet Statutory mandates, provide conformity with national standards, and utilize technological advances to improve traffic flow. This provides for safe, economical and efficient movement of pedestrian and vehicular traffic, and supports commerce in the City. Traffic signs, signals and other traffic control systems provide safe and efficient operation by assigning right-of-way, providing guidance, advising motorists of hazards or unusual roadway conditions, and informing motorists of speed limits and other restrictions and regulations. As required by Wisconsin State Statutes, traffic control devices are installed and maintained in conformance with the federal "Manual on Uniform Traffic Control Devices" (MUTCD) to provide clear and consistent application of traffic control on City streets, and to ensure understanding of these devices by motorists.

G) Additional Comments

Technology based improvements and techniques are constantly being incorporated into City traffic control systems to improve traffic flow and reduce vehicle emissions which will, in turn, enhance the health and safety of City residents and visitors, and provide for more efficient movement of goods and services to support growth of business and industry in the City. This program also supports the upgrade or installation of new traffic control signs and signals in response to continually changing traffic patterns, and in response to ongoing traffic ordinance updates enacted by the Common Council. Upgrades and improvements to traffic control signs, signals and pavement marking systems in the City to meet national standards are being implemented over a phase-in period, and are included in this Capital Improvement Request.

Capital Improvement Request Part II

Requesting Department: DPW / Infrastructure Services

Project/Program Title: Traffic Control Facilities Program

Account No: ST220150000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$2,000,000					\$2,000,000
2016 Projection	\$2,920,000					\$2,920,000
2017 Projection	\$2,975,000					\$2,975,000
2018 Projection	\$2,975,000					\$2,975,000
2019 Projection	\$3,035,000					\$3,035,000
2020 Projection	\$3,100,000					\$3,100,000
Total Six Year Cost	\$17,005,000	\$0	\$0	\$0	\$0	\$17,005,000
Total Project Cost	\$17,005,000	\$0	\$0	\$0	\$0	\$17,005,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0
--	-----	-----	-----	-----	-----

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: January 1, 2015

Estimated Completion Date: December 31, 2015

Department Head Signature



Prepared By/Phone Ext

Robert W. Bryson, ext. 3244

CIC - Capital Improvement Request Part III

Department:	DPW / Infrastructure Services	Date Submitted:	March 17, 2014
Project/Program:	Traffic Control Facilities Program	Current Request:	\$2,000,000
Prepared By:	Robert W. Bryson	6 Yr Total:	\$17,005,000
Dept Head:	Ghassan Korban		

General Project/Program Description:

This program provides for upgrade, replacement and installation of traffic control devices as needed to implement City Ordinances, accommodate traffic pattern changes, meet Statutory mandates, provide conformity with national standards, and utilize technological advances to improve traffic flow.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

This program provides for the safe movement of both vehicular and non-vehicular traffic on streets and alleys in the City. Traffic signs, signals and other traffic control systems provide for operational safety by assigning right-of-way, providing guidance, advising motorists of hazards or unusual roadway conditions, and informing motorists of speed limits and other traffic regulations.

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-order mandate?
X				Does the project promote long-term regulatory compliance?
X				Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Traffic control devices on City streets must conform to the Federal "Manual on Uniform Traffic Control Devices", as required by Wisconsin State Statutes. Failure to comply with the provisions in the Manual would expose the City to liability in the event of traffic accident or other incident.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

1.) The project maintains existing life cycle levels. 2.) The traffic control facilities supported under this program provides for the safe, economical and efficient movement of pedestrian and vehicular traffic, and provides for the efficient movement of goods and services needed to support commerce in the City. 3.) Reductions in energy consumption will occur with efficiencies in traffic operation achieved through this program.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Traffic Control Facilities Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans -Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

The traffic control improvements supported under this program are necessary to support safe and efficient movement of traffic through neighborhoods as well as arterial streets, and supports commerce growth in the City. Reductions in noise and vehicle emissions are attainable through the safe and efficient movement of traffic on City streets.

Yes	No	N/A	Amount	Infrastructure -Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

1.) The funding requested for traffic control improvements represents no change in life cycle replacement from prior requests. 2.) Some traffic signal improvements may include the installation of new products or technologies. 3.) The improvements included in this program are needed to support traffic operation on, and the use of, street and alley facilities in the City.

Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

This program supports Community development by providing for the efficient movement of traffic, and for the safe and efficient movement of goods and services necessary to support commercial growth in the City.

Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there Inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Delays in providing funds would result in equipment and materials significantly exceeding their useful life, and would compromise the ability of the City to meet established national standards for traffic control devices.

**Six Year
Capital Improvement Program**

Traffic Control

Sec. Project Description	Labor, Wages and Materials	2015 Fringe Benefits	Total	Cumulative
A. Traffic Signs				
1 With Paving	\$33,000	\$7,000	\$40,000	
2 Non-Paving	\$49,500	\$10,500	\$60,000	
3 Overhead Yield to Pedestrian	\$41,200	\$8,800	\$50,000	
4 Regulatory Signing Upgrades	\$82,400	\$17,600	\$100,000	
5 Deteriorated Street Name Sign Replacement	\$123,600	\$26,400	\$150,000	
6 Minimum Retroreflectivity Upgrades	\$123,600	\$26,400	\$150,000	
Subtotal, Section A	\$453,300	\$96,700	\$550,000	\$550,000
B. Traffic Signals				
1 Reconstruction with Paving	\$247,200	\$52,800	\$300,000	
2 Miscellaneous Improvements	\$239,000	\$51,000	\$290,000	
3 New Signals (Two)	\$123,600	\$26,400	\$150,000	
4 Emergency Vehicle Pre-emption	\$41,200	\$8,800	\$50,000	
5 Audible Pedestrian Signals	\$82,400	\$17,600	\$100,000	
6 LED Signal Head Replacements	\$0	\$0	\$0	
Subtotal, Section B	\$733,400	\$156,600	\$890,000	\$1,440,000
C. Other				
1 Uncollectable Sign and Signal Knockdowns	\$181,300	\$38,700	\$220,000	
Subtotal, Section C	\$181,300	\$38,700	\$220,000	\$1,660,000
D. Engineering				
1 Engineering	\$231,300	\$108,700	\$340,000	
Subtotal, Section D	\$231,300	\$108,700	\$340,000	\$2,000,000
Total	\$1,599,300	\$400,700	\$2,000,000	\$2,000,000

March 16, 2014

**Six Year
Capital Improvement Program**

Traffic Control

Sec.	Project Description	Labor, Wages and Materials	2016 Fringe Benefits	Total	Cumulative
	Traffic Signs				
A.	1 With Paving	\$35,000	\$7,500	\$42,500	
	2 Non-Paving	\$51,500	\$11,000	\$62,500	
	3 Overhead Yield to Pedestrian	\$41,200	\$8,800	\$50,000	
	4 Regulatory Signing Upgrades	\$49,500	\$10,500	\$60,000	
	5 Deteriorated Street Name Sign Replacement	\$123,600	\$26,400	\$150,000	
	6 Minimum Retroreflectivity Upgrades	\$123,600	\$26,400	\$150,000	
	Subtotal, Section A	\$424,400	\$90,600	\$515,000	\$515,000
	Traffic Signals				
B.	1 Reconstruction with Paving	\$391,500	\$83,500	\$475,000	
	2 Miscellaneous Improvements	\$247,200	\$52,800	\$300,000	
	3 New Signals (Two)	\$123,600	\$26,400	\$150,000	
	4 Emergency Vehicle Pre-emption	\$41,200	\$8,800	\$50,000	
	5 Audible Pedestrian Signals	\$82,400	\$17,600	\$100,000	
	6 LED Signal Head Replacements	\$618,100	\$131,900	\$750,000	
	Subtotal, Section B	\$1,504,000	\$321,000	\$1,825,000	\$2,340,000
	Other				
C.	1 Uncollectable Sign and Signal Knockdowns	\$185,400	\$39,600	\$225,000	
	Subtotal, Section C	\$185,400	\$39,600	\$225,000	\$2,565,000
	Engineering				
D.	1 Engineering	\$292,600	\$62,400	\$355,000	
	Subtotal, Section D	\$292,600	\$62,400	\$355,000	\$2,920,000
	Total	\$2,406,400	\$513,600	\$2,920,000	\$2,920,000

March 16, 2014

**Six Year
Capital Improvement Program**

Traffic Control

Sec.	Project Description	Labor, Wages and Materials	2017 Fringe Benefits	Total	Cumulative
	Traffic Signs				
A.	1 With Paving	\$37,100	\$7,900	\$45,000	
	2 Non-Paving	\$53,600	\$11,400	\$65,000	
	3 Overhead Yield to Pedestrian	\$41,200	\$8,800	\$50,000	
	4 Regulatory Signing Upgrades	\$49,500	\$10,500	\$60,000	
	5 Deteriorated Street Name Sign Replacement	\$123,600	\$26,400	\$150,000	
	6 Minimum Retroreflectivity Upgrades	\$123,600	\$26,400	\$150,000	
	Subtotal, Section A	\$428,600	\$91,400	\$520,000	\$520,000
	Traffic Signals				
B.	1 Reconstruction with Paving	\$408,000	\$87,000	\$495,000	
	2 Miscellaneous Improvements	\$255,500	\$54,500	\$310,000	
	3 New Signals (Two)	\$123,600	\$26,400	\$150,000	
	4 Emergency Vehicle Pre-emption	\$41,200	\$8,800	\$50,000	
	5 Audible Pedestrian Signals	\$82,400	\$17,600	\$100,000	
	6 LED Signal Head Replacements	\$618,100	\$131,900	\$750,000	
	Subtotal, Section B	\$1,528,800	\$326,200	\$1,855,000	\$2,375,000
	Other				
C.	1 Uncollectable Sign and Signal Knockdowns	\$189,600	\$40,400	\$230,000	
	Subtotal, Section C	\$189,600	\$40,400	\$230,000	\$2,605,000
	Engineering				
D.	1 Engineering	\$304,933	\$65,067	\$370,000	
	Subtotal, Section D	\$304,933	\$65,067	\$370,000	\$2,975,000
	Total	\$2,451,933	\$523,067	\$2,975,000	\$2,975,000

March 16, 2014

**Six Year
Capital Improvement Program**

Traffic Control

Sec.	Project Description	Labor, Wages and Materials	2018 Fringe Benefits	Total	Cumulative
	Traffic Signs				
A.	1 With Paving	\$39,100	\$8,400	\$47,500	
	2 Non-Paving	\$55,600	\$11,900	\$67,500	
	3 Overhead Yield to Pedestrian	\$41,200	\$8,800	\$50,000	
	4 Regulatory Signing Upgrades	\$0	\$0	\$0	
	5 Deteriorated Street Name Sign Replacement	\$123,600	\$26,400	\$150,000	
	6 Minimum Retroreflectivity Upgrades	\$123,600	\$26,400	\$150,000	
	Subtotal, Section A	\$383,100	\$81,900	\$465,000	\$465,000
	Traffic Signals				
B.	1 Reconstruction with Paving	\$424,400	\$90,600	\$515,000	
	2 Miscellaneous Improvements	\$267,800	\$57,200	\$325,000	
	3 New Signals (Two)	\$123,600	\$26,400	\$150,000	
	4 Emergency Vehicle Pre-emption	\$41,200	\$8,800	\$50,000	
	5 Audible Pedestrian Signals	\$82,400	\$17,600	\$100,000	
	6 LED Signal Head Replacements	\$618,100	\$131,900	\$750,000	
	Subtotal, Section B	\$1,557,500	\$332,500	\$1,890,000	\$2,355,000
	Other				
C.	1 Uncollectable Sign and Signal Knockdowns	\$193,700	\$41,300	\$235,000	
	Subtotal, Section C	\$193,700	\$41,300	\$235,000	\$2,590,000
	Engineering				
D.	1 Engineering	\$317,300	\$67,700	\$385,000	
	Subtotal, Section D	\$317,300	\$67,700	\$385,000	\$2,975,000
	Total	\$2,451,600	\$523,400	\$2,975,000	\$2,975,000

March 16, 2014

**Six Year
Capital Improvement Program**

Traffic Control

Sec.	Project Description	Labor, Wages and Materials	2019 Fringe Benefits	Total	Cumulative
	Traffic Signs				
A.	1 With Paving	\$41,200	\$8,800	\$50,000	
	2 Non-Paving	\$57,700	\$12,300	\$70,000	
	3 Overhead Yield to Pedestrian	\$41,200	\$8,800	\$50,000	
	4 Regulatory Signing Upgrades	\$0	\$0	\$0	
	5 Deteriorated Street Name Sign Replacement	\$123,600	\$26,400	\$150,000	
	6 Minimum Retroreflectivity Upgrades	\$123,600	\$26,400	\$150,000	
	Subtotal, Section A	\$387,300	\$82,700	\$470,000	\$470,000
	Traffic Signals				
B.	1 Reconstruction with Paving	\$441,000	\$94,000	\$535,000	
	2 Miscellaneous Improvements	\$280,200	\$59,800	\$340,000	
	3 New Signals (Two)	\$123,600	\$26,400	\$150,000	
	4 Emergency Vehicle Pre-emption	\$41,200	\$8,800	\$50,000	
	5 Audible Pedestrian Signals	\$82,400	\$17,600	\$100,000	
	6 LED Signal Head Replacements	\$618,100	\$131,900	\$750,000	
	Subtotal, Section B	\$1,586,500	\$338,500	\$1,925,000	\$2,395,000
	Other				
C.	1 Uncollectable Sign and Signal Knockdowns	\$197,800	\$42,200	\$240,000	
	Subtotal, Section C	\$197,800	\$42,200	\$240,000	\$2,635,000
	Engineering				
D.	1 Engineering	\$329,700	\$70,300	\$400,000	
	Subtotal, Section D	\$329,700	\$70,300	\$400,000	\$3,035,000
	Total	\$2,501,300	\$533,700	\$3,035,000	\$3,035,000

March 16, 2014

**Six Year
Capital Improvement Program**

Traffic Control

Sec.	Project Description	Labor, Wages and Materials	2020 Fringe Benefits	Total	Cumulative
	Traffic Signs				
A.	1 With Paving	\$43,300	\$9,200	\$52,500	
	2 Non-Paving	\$59,750	\$12,750	\$72,500	
	3 Overhead Yield to Pedestrian	\$41,200	\$8,800	\$50,000	
	4 Regulatory Signing Upgrades	\$0	\$0	\$0	
	5 Deteriorated Street Name Sign Replacement	\$123,600	\$26,400	\$150,000	
	6 Minimum Retroreflectivity Upgrades	\$123,600	\$26,400	\$150,000	
	Subtotal, Section A	\$391,450	\$83,550	\$475,000	\$475,000
	Traffic Signals				
B.	1 Reconstruction with Paving	\$457,400	\$97,600	\$555,000	
	2 Miscellaneous Improvements	\$292,600	\$62,400	\$355,000	
	3 New Signals (Two)	\$123,600	\$26,400	\$150,000	
	4 Emergency Vehicle Pre-emption	\$41,200	\$8,800	\$50,000	
	5 Audible Pedestrian Signals	\$82,400	\$17,600	\$100,000	
	6 LED Signal Head Replacements	\$618,100	\$131,900	\$750,000	
	Subtotal, Section B	\$1,615,300	\$344,700	\$1,960,000	\$2,435,000
	Other				
C.	1 Uncollectable Sign and Signal Knockdowns	\$206,000	\$44,000	\$250,000	
	Subtotal, Section C	\$206,000	\$44,000	\$250,000	\$2,685,000
	Engineering				
D.	1 Engineering	\$342,000	\$73,000	\$415,000	
	Subtotal, Section D	\$342,000	\$73,000	\$415,000	\$3,100,000
	Total	\$2,554,750	\$545,250	\$3,100,000	\$3,100,000

March 16, 2014

MUTCD Sign Upgrades: 2014 to 2020

Traffic Signs	2014	2015	2016	2017	2018	2019	2020	Total	Upgrade Complete
Regulatory Signs									
Keep Right Signs - Median Divided Roadways	\$23,000	\$23,000	\$23,000	\$23,000				\$92,000	
Push Button for Walk Signs	\$30,000	\$30,000	\$30,000	\$30,000				\$120,000	
Overhead Lane Control Signs	\$55,000	\$45,000						\$100,000	
School Zone Fines Double Signing	\$200,000							\$200,000	
Replace 4-Way Placards at AWSC								\$0	
Subtotal	\$308,000	\$98,000	\$53,000	\$53,000				\$512,000	
Retroreflectivity Standard Compliance	\$150,000	\$150,000	\$150,000	\$150,000	\$95,000	\$75,000	\$105,000	\$875,000	01/01/18
Street Name Sign Replacement	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$900,000	01/01/26
Total Traffic Sign Upgrades	\$608,000	\$398,000	\$353,000	\$353,000	\$245,000	\$225,000	\$255,000	\$2,182,000	
Sign Engineering	\$91,200	\$59,700	\$52,950	\$52,950	\$36,750	\$33,750	\$38,250	\$327,300	
Total Sign Costs	\$699,200	\$457,700	\$405,950	\$405,950	\$281,750	\$258,750	\$293,250	\$2,509,300	

Capital Improvement Request Form Part I

Project/Program Title: Underground Conduit Installation Program Requesting Department: DPW / Infrastructure Services
 Prepared By/Phone Ext: Robert W. Bryson Department Head Signature: *Ghassan Kuhn*
 Account No: ST280150000

A) Department Priority _____ of _____ Useful Life 75 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 The underground conduit system supports City Communications, Traffic and Street Lighting facilities and operation. The program supports the replacement of underground conduit in conjunction with both City and Federal Aid Paving Programs that is currently breaking down and needs to be replaced, will be impacted by the paving project, or will add or expand conduit availability. Additionally, the program will provide new conduit facilities to support new communications capabilities.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW / Infrastructure Services Account No: ST280150000
 Project/Program Title: Underground Conduit Installation Program

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$5,900,000					\$5,900,000
2016 Projection	\$5,000,000					\$5,000,000
2017 Projection	\$5,000,000					\$5,000,000
2018 Projection	\$5,000,000					\$5,000,000
2019 Projection	\$5,000,000					\$5,000,000
2020 Projection	\$5,000,000					\$5,000,000
Total Six Year Cost	\$30,900,000	\$0	\$0	\$0	\$0	\$30,900,000
Total Project Cost	\$30,900,000	\$0	\$0	\$0	\$0	\$30,900,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

- Available Cost Estimate:**
- Thorough Cost Estimate
 - Limited Information
 - Based on Cost of Similar Projects
 - Unsupported
- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15
 Estimated Completion Date: 12/31/15

Ghoshan Kuhn

Department Head Signature

Prepared By/Phone Ext Robert W. Bryson, ext. 3244

CIC - Capital Improvement Request Part III

Department: DPW / Infrastructure Services	Date Submitted: 3/17/2014
Project/Program: Underground Conduit Installation Program	
Prepared By: Robert W. Bryson	Current Request: \$5,900,000
Dept Head: Ghassan Korban	6 Yr Total: \$30,900,000

General Project/Program Description:

The program is for the installation of a permanent underground conduit and manhole system to provide safe, secure and weatherproof routes for communications networks serving the needs of various City agencies including DCD, DPW, Fire, Health, and Police.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

The cables inside the conduit carry 911 emergency communications.

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

The City currently leases conduit space to telecommunication companies. Not only does this generate revenue for the City but it eliminates the needs for these companies to construct their own separate facilities within the street right of way. This would preserve the life of the pavement and further reduce congestion of various utilities in an already crowded right of way.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Underground Conduit Installation Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans -Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
X				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

The City's conduit houses cables that provide connections to Marquette University and the University of Wisconsin - Milwaukee.

Yes	No	N/A	Amount	Infrastructure -Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
X				Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	X			Does the project incorporate new technology that will provide enhanced service?
X				Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
	X			Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

The conduit installation program is based in part on the paving program. It is significantly cheaper to install conduit at the time the roadway is being paved. There are no separate contract costs for traffic control, pavement restoration, mobilization, etc. if done separately under contract, since it becomes part of the paving costs.

**Underground Conduit Capital Improvement Program
Estimated Costs**

2015

	Total	Cumulative Total
Engineering	\$740,000.00	\$740,000.00
Replace Conduit w/Federal Aid Paving	\$1,800,000.00	\$2,540,000.00
New Conduit w/County Paving	\$360,000.00	\$2,900,000.00
Replace Deteriorated Conduit w/ City Pav	\$2,000,000.00	\$4,900,000.00
New Conduit w/City Paving	<u>\$1,000,000.00</u>	\$5,900,000.00
Total Costs	\$5,900,000.00	

Note: Estimates for Costs of Conduit Installation under Federal Aid Paving is Non-Participating

Priority 2015 Estimated Conduit Installation Costs							
Requested By	PS&E Date	Location	LF	MH	Estimated Cost	Cost w/ Fed Aid	
State/Federal Aid Paving Communications	City 5/1/2015	7th St Bridge over I-94 at Leacock Creek (Approaches)	200		\$12,000.00	\$2,400.00	
Traffic & Communications		North Ave Bridge over I-94 at Leacock Creek (Approaches) (Conduit on bridge included in structures budget)	200		\$12,000.00	\$0.00	
Communications	11/1/2014	13th St - Windlake to Forest Home (Increase capacity)	2720	5	\$180,700.00	\$36,140.00	
Traffic & Communications		Lloyd - Sherman to 60th (New conduit requested by Traffic to feed signals and interconnect path - Increase in capacity for Communications)	5500	10	\$292,000.00	\$58,400.00	
Communications		Winnaif Ave Bridge over I-94 (north of Holt) (New)					
Communications	11/1/2014	(Conduit on bridge included in structures budget)	115	2	\$0.00	\$0.00	
Communications	no date	Tautonia - Capitol to Ruby	3640	7	\$242,900.00	\$48,580.00	
Traffic & Communications	8/1/2014	35th - Burnham to Greenfield (increase capacity)	2500	4	\$164,000.00	\$32,800.00	
Traffic & Communications	5/1/2015	Howell - E/W Layton to E/W Howard (connecting Highway)	5320	9	\$450,700.00	\$90,140.00	
WISDOT/Freeways		Fond Du Lac - Capitol to 68th (connecting Highway)	7900	13	\$510,000.00	\$102,000.00	
Traffic & Communications	Already Let	Bridges over I-45 - Howard to Midway (50,000)			\$25,000.00	\$25,000.00	
County - Non-Participating Traffic & Communications	8/1/2015	Mill - Sidney to 41rd	5380	10	\$557,800.00	\$111,560.00	
City Paving Program	5/1/2015	Fond du Lac - 91st to 107th (New - Provide diverse path to Fire Engine 16)	7340	12	\$482,400.00	\$96,480.00	
Traffic & Communications	City 2013?	13th St - Oklahoma to Montana (New)	1970	4	\$132,200.00	\$26,440.00	
Total						\$2,771,200.00	\$1,178,120.00

\$365,000.00 Project Total Did not qualify for 20/80 split
 \$73,000.00 20% Rec'd in 2013 budget

10% City share

Notes to Capital Cost Estimates
 The Projects shown in red are identified as necessary due to impacts to the existing conduit by the proposed construction projects
 Connecting Highways are shown in blue. Funds for 100% State funding
 State and Federal Aid Paving Projects may be eligible for 80% Federal / 20% Local Funding

Replace Existing Conduit with City Paving Projects

- E. Auer Av. - A Point East of N. Dousman St. to N. Humboldt Av.
- E. Auer Av. - N. Holton St. to N. Richards St.
- E. Holt Av. - S. Clement Av. to S. Logan Av.
- E. Newberry Bl. - N. Downer Av. to N. Oakland Av.
- E. Newberry Bl. - N. Lake Dr. to N. Downer Av.
- E. Norwich St. - S. Quincy Av. to S. Whitnall Av.
- E. Texas Av. - S. Shore Dr. to E. Oklahoma Av.
- N. 27th St. - W. Villard Av. to pt. 570+/- ft north of W. Silver Spring Dr.
- N. 2nd St. - W. North Av. to W. Center St.
- N. 57th St. - W. Philip Pl. to W. Keefe Av.
- N. 73rd St. - W. Capitol Dr. to W. Congress St.
- N. 81st St. - W. Capitol Dr. to W. Fiebrantz Ave.
- N. 81st St. - W. Lorraine Pl. to W. Burleigh St.
- N. 83rd St. - W. Keefe Av. to W. Capitol Dr.
- N. 85th St. - W. Locust St. to W. Burleigh St.
- N. 87th St. - W. Silver Spring Dr. to W. Fond Du. Lac Av.
- S. 10th St. - W. Morgan Av. to W. Ohio Av.
- S. 18th St. - W. Euclid Av. to W. Oklahoma Av.
- S. 3rd St. - W. Maple St. to W. Lapham Bl.
- S. Illinois Av. - E. Morgan Av. to E. Oklahoma Av.
- S. Quincy Av. - E. Norwich St. to E. Van Beck Av.
- W. Ash St. - W. Fond du Lac Av. to W. Medford Av.
- W. Carmen Av. - N. 68th St. to N. 76th St.
- W. Hawthorne Av. - A Point east of N. 90th St. to N. 92nd St.
- W. Hayes Ave. - S. 6th St. to S. 9th Pl.
- W. Martin Ln. - S. Howell Av. to S. 5th St.
- W. Meinecke Av. - N. 27th St. to N. 28th St. (Except curb on S/S)
- W. Montana St. - S. 64th St. to S. 67th St.
- W. Montana St. - S. 68th St. to S. 71st St.
- W. Ring St. - N. 10th St. to N. 13th St.
- W. Ruby Av. - N. 36th St. to N. Sherman Bl.
- W. Ruskin St. - S. 32nd St. to S. 35th St.
- W. St. Paul Av. - N. 39th St. to N. 42nd St.
- W. Townsend St. - N. 89th St. to N. 92nd St.
- W. Townsend St. - N. 92nd St. to N. 99th St.
- W. Tripoli Av. - S. 20th St. to S. 25th St.
- W. Van Norman Av. - S. 20th St. to S. Tennessee Av.

New Underground Facilities with City Paving Projects

- W. Hayes Av. - S. 3rd St. to S. 4th St.
W. Ohio Av. - S. 21st St. to S. 27th St.
S. 5th Pl. - A Point South of W. Plainfield Av. to W. Howard Av.
W. Lapham St. - S. 24th St. to S. Layton Bl.
W. Calumet Rd. - N. 76th St. to N. 91st St.
N. 81st St. - W. Calumet Rd. to W. Bradley Rd.
N. 94th St. - W. Blue Mound Rd. to W. Wisconsin Av.
W. Rohr Av. - N. Sherman Bl. to N. 51st Bl.
N. 49th St. - W. Villard Av. to W. Custer Av.
W. Hope Av./W. Maxwell Pl. - N. 51st Bl. to W. Fond du Lac Av.
E. Curdahl Av. - S. Pine Av. to S. Quincy Av.
N. 20th St. (east roadway) - W. Purdue St. to W. Hampton Av.

N. 80th St. - W. Townsend St. to W. Keefe Av. (incl. N. Walton Pl. - W. Lisbon Av. to W. Townsend St.)
W. Metcalf Pl. - N. 92nd St. to N. 97th St.
W. Olive St. - N. 20th St. to W. Roosevelt Dr.
N. Richards St. - E. Capitol Dr. to Point N. of E. Hope Av.
- 1 - Diverse Entrance to D2
1 - Route to Southlawn - Replace Aerial
2 - Alt Route to Lake Tower
2 - Alt Route to South Side Health
2 - Diverse Route to E39 - Part 1 of 2
2 - Diverse Route to E39 - Part 2 of 2
2 - Route to County Grounds
3 - Conduit to Sewer Cabinet - One potential route
3 - Conduit to Sewer Cabinet - One potential route
3 - Link Conduit from Fond du Lac to Hope/Parklawn
3 - Service to Sewer Cabinet - Replace Aerial
3 - Service to Sewer Cabinet - Replace Buried

3 - Service to Sewer Cabinet - Replace Buried
3 - Service to Sewer Cabinet - Replace Buried
3 - Service to Sewer Cabinet - Replace Buried
4 - Service to Election Commission Warehouse

Capital Improvement Request Form Part I

Project/Program Title: Communications and Electrical Manhole Repair and Reconstruction Requesting Department: DPW / Infrastructure Services
 Prepared By/Phone Ext: Robert W. Bryson, ext. 3244 Department Head Signature: *Calissa Rubin*
 Account No: ST285150000

A) Department Priority _____ of _____ Useful Life 75 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 The maintenance of communications & electrical manholes located in the street right-of-way provides the necessary secure and safe entrance network for all of the communications, traffic control and street lighting cable circuits that serve the City of Milwaukee's governmental buildings and agencies. Since the underground communications and electrical manholes are located in street pavement, constant vehicle traffic along with weather conditions of rain, snow, salt, freezing and thawing, have caused structural damage. The manholes are in need of a seasonal repair program. Also the age and type of material of the manholes are factors of damages. The older brick manholes built at the turn of the century along with many of the block constructed manholes built in the 1950's and 60's are in need of immediate repair and reconstruction. Presently there are 7,551 active manholes in the system.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW / Infrastructure Services Account No: ST285150000
 Project/Program Title: Communications and Electrical Manhole Reconstruction Program

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request	\$1,255,000					\$1,255,000
2016 Projection	\$1,300,000					\$1,300,000
2017 Projection	\$1,350,000					\$1,350,000
2018 Projection	\$1,400,000					\$1,400,000
2019 Projection	\$1,450,000					\$1,450,000
2020 Projection	\$1,500,000					\$1,500,000
Total Six Year Cost	\$8,255,000	\$0	\$0	\$0	\$0	\$8,255,000
Total Project Cost	\$8,255,000	\$0	\$0	\$0	\$0	\$8,255,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

Thorough Cost Estimate	2015	2016	2017	2018	2019	2020
Limited Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unsupported	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

Increase Decrease None

Estimated Start Date: 01/01/14

Estimated Completion Date: 12/31/14

Department Head Signature



Prepared By/Phone Ext

CIC - Capital Improvement Request Part III

Department: DPW / Infrastructure Services	Date Submitted: 3/13/2014
Project/Program: Communications and Electrical Manhole Repair and Reconstruction	
Prepared By: Robert W. Bryson, ext. 3244	Current Request: \$1,255,000
Dept Head:	6 Yr Total: \$8,255,000

General Project/Program Description:

This program is for the inspection and maintenance of the Communications & Electrical Services Manholes.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

This program funds the emergency repairs & replacement of manholes collapsing in the roadway which poses an immediate risk to motorists and their vehicles.

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
X				Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

This program is for the annual inspection and maintenance of the manholes.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Communications and Electrical Manhole Repair and Reconstruction Project

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans -Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board ?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
Yes	No	N/A	Amount	Infrastructure -Primarily recurring infrastructure and facility preservation programs
				How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	X			Does the project incorporate new technology that will provide enhanced service?
X				Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
Maintaining and repairing the existing manholes postpones the need to replace manholes.				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
If the manhole conditions are not managed through a regular maintenance program, the threat exists for damage or injury due to collapsed manholes, and increases cost related to emergency repairs				

**Manhole Capital Improvement Program
Estimated Costs**

2015

	Total	Cumulative Total
Engineering	\$115,000.00	\$115,000.00
Manhole Inspection	\$190,000.00	\$305,000.00
Construction/Repair	\$900,000.00	\$1,205,000.00
Equipment	\$50,000.00	\$1,255,000.00
Total Costs	<u>\$1,255,000.00</u>	

Notes:

- 1.) Assumes All Construction/Repair Work Done by City Crew
- 2.) Additional Cost to Repair All Defective Manholes from 2013 Inspection: \$2,600,000
(Assuming all remaining work to be done by contractor)
- 3.) Does not reflect 2014 or 2015 Inspection Findings

2013 Manhole Inspections

- 1428 Manholes Contracted to be Surveyed
- 1345 Surveys Completed
 - 83 Manholes Unable to be Surveyed due to being asphalted over, unable to access, unable to locate, etc.
- Manhole Survey Results
 - 111 Manholes Need to be Replaced or Have Major Repairs
 - 22 Manholes Require Deck Roof Replacement
 - 263 Require Chimney or Corbel Repair

DPW Conduit and Manholes

March, 2014

Manhole Repair and Replacement Costs

- Manhole Repair
 - \$2,000 to \$15,000
- Manhole Replacement
 - \$20,000 to \$25,000

DPW Conduit and Manholes

March, 2014

	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
2nd Plankinton Repairs	\$ 400,000	\$	\$ 300,000	\$ 300,000		\$ 1,000,000
4th Highland Repairs	\$ 137,000	\$ 550,000	\$	\$ 350,000		\$ 1,037,000
MacArthur Sq Repairs	\$ 400,000	\$ 500,000		\$	\$ 950,000	\$ 500,000
1000 Water Repairs	\$ 140,000	\$ 76,000	\$ 450,000		\$	\$ 88,000
Milwaukee Mich Repairs	\$ 300,000	\$	\$ 550,000	\$ 300,000	\$ 600,000	\$ 688,000
Parking Facility Maintenance	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 2,438,000
Surface & Tow Lot Repaving	\$ 40,000	\$ 55,000				\$ 1,200,000
Multi-space Meters	\$				\$ 1,100,000	\$ 95,000
Single-Space Meter Mechs	\$ 675,000	\$ 650,000			\$	\$ 2,000,000
Revenue Control & Access Equip	\$	\$ 50,000	\$ 1,500,000			\$ 1,325,000
	<u>\$ 2,292,000</u>	<u>\$ 2,081,000</u>	<u>\$ 3,000,000</u>	<u>\$ 1,150,000</u>	<u>\$ 2,850,000</u>	<u>\$ 2,376,000</u>
						<u>\$ 13,749,000</u>

Capital Improvement Request Form Part I

Project/Program Title: 2nd/Plankinton Parking Structure Repairs

Requesting Department: DPW-Parking

Prepared By/Phone Ext: C Angelos x2404

Department Head Signature: *Sharon Kuhn*

Account No: _____

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 3

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

2015 - Modernize west elevator. Major parts have not been replaced since the late 1990s and maintenance calls are becoming more frequent. This is scheduled to be done to reduce emergency repairs and provide better/safer customer service for users. Reapply membrane to roof level over helices and elevator shafts to prevent further deterioration from water leaking. Legislated facade inspection as required by state law. 2017 - Caulk joints and paint garage exterior components including railings, signs, and steel surfaces. Periodic application of protective paint finish is required to prevent corrosion and deterioration of these components. 2018 - Repair concrete and apply epoxy overlay at helix to prevent degradation of concrete and to extend the useful life.

3) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW -Parking Account No: _____
 Project/Program Title: 2nd / Plankinton Parking Structure Repairs

Year	Special Assessment				Total Cost
	Tax Levy/Borrowing	Grant & Aid	Revenue	Enterprise	
Remaining Balance for 2014					\$0
2015 Budget Request				\$400,000	\$400,000
2016 Projection					\$0
2017 Projection				\$300,000	\$300,000
2018 Projection				\$300,000	\$300,000
20189Projection					\$0
2020 Projection					\$0
Total Six Year Cost	\$0	\$0	\$0	\$1,000,000	\$1,000,000
Total Project Cost	\$0	\$0	\$0	\$1,000,000	\$1,000,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

Thorough Cost Estimate 2015 2016 2017 2018 2019 2020

Limited Information 2015 2016 2017 2018 2019 2020

Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020

Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

Increase Decrease None

Estimated Start Date: 04/01/15

Estimated Completion Date: 10/31/18

Department Head Signature: Gherson Kubin

Prepared By/Phone Ext: C. Angelos x2404

CIC - Capital Improvement Request Part III

Department: DPW - Parking
 Project/Program: 2nd / Plankinton Parking Structure Repairs
 Prepared By: C Angelos
 Dept Head: Ghassan Korban

2/14/2014

Current Request: \$400,000
 6 Yr Total: \$1,000,000

General Project/Program Description:
 2015-modernize west elevator; Reapply membrane to roof level above elevator shaft and helices to prevent water leakage 2017-caulk joints and paint garage exterior components. 2018-epoxy overlay and concrete repairs at helix.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
x				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate?
	x			Does the project promote long-term regulatory compliance?
	x			Will there be a serious negative impact on the City if compliance is not achieved?
	x			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
				What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
x				Will the project lead to a reduction in operating costs?
		x		Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
x				Is there a revenue generating opportunity? (e.g. user fees)
	x			Will the project result in a reduction in energy use?
		x		Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 2nd / Plankinton Parking Structure Repairs

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	<input checked="" type="checkbox"/>			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	<input checked="" type="checkbox"/>			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	<input checked="" type="checkbox"/>			Does the project increase or enhance recreational opportunities and/or green space?
	<input checked="" type="checkbox"/>			Will the project mitigate blight?
		<input checked="" type="checkbox"/>		Does the project target the quality of life of all citizens?
		<input checked="" type="checkbox"/>		Does the project preserve or improve the historical or natural heritage of the City?
		<input checked="" type="checkbox"/>		Is the project consistent with established community character?
<input checked="" type="checkbox"/>				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	<input checked="" type="checkbox"/>			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
<input checked="" type="checkbox"/>				How does the request affect the replacement cycle? Provide specifics below.
	<input checked="" type="checkbox"/>			Has the facility being replaced exceeded its useful life?
<input checked="" type="checkbox"/>				Does this project extend the useful life of an existing facility?
	<input checked="" type="checkbox"/>			Do maintenance costs exceed replacement costs?
	<input checked="" type="checkbox"/>			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
<input checked="" type="checkbox"/>				Does the project incorporate new technology that will provide enhanced service?
		<input checked="" type="checkbox"/>		Does the project extend service for new development or redevelopment?
<input checked="" type="checkbox"/>				Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Painting, caulking joints, application of epoxy overlay, and elevator maintenance necessary to avoid component degradation. Project decreases operating costs.

Yes	No	N/A	Amount	Economic / Community Development
<input checked="" type="checkbox"/>				Does the project have the potential to promote economic/community development in areas where growth is desired?
<input checked="" type="checkbox"/>				Will the project continue to promote or enhance economic/community development in an already developed area?
<input checked="" type="checkbox"/>				Is the net impact of the project positive?
	<input checked="" type="checkbox"/>			Would an alternate location for this project provide a greater positive economic impact?
	<input checked="" type="checkbox"/>			Will the project produce desirable jobs in the City?
	<input checked="" type="checkbox"/>			Will the project rejuvenate an area that needs assistance?
	<input checked="" type="checkbox"/>			Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
	<input checked="" type="checkbox"/>			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		<input checked="" type="checkbox"/>		Are there critical timing issues associated with this project?
	<input checked="" type="checkbox"/>			Are there inter-jurisdictional considerations?
<input checked="" type="checkbox"/>				Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Capital Improvement Request Form Part I

Project/Program Title: 4th / Highland Parking Structure Reparis

Requesting Department: DPW - Parking

Prepared By/Phone Ext: C Angelos / x2404

Department Head Signature: *Gherson Kuhn*

Account No: _____

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2012-2017 2013-2018 Yes, Modified New Request

F) Project/Program Justification

2015 - Provide an electrical back-up system for the garage (\$30K) to guarantee lighting and revenue system functioning for parkers. Replace elevator cabling in 2 elevators (\$65k) which has not been replaced since original construction in 1988. This provides for customer safety and reduced emergency calls. Replace 10 windows on south curtain wall. These have not been replaced since original construction in 1988 and are beginning to leak. Replacement will eliminate additional leakage and costlier repairs. Conduct facade inspection as required by Wis statutes. 2016 - Paint steel surfaces and structural components to avoid corrosion and more costly repairs. Replace selected expansion joints throughout the garage. Failure to repair expansion joints will result in slab deterioration, leaks and vehicle damage claims.

G) Additional Comments

2018 - Replace selected caulk joints, apply water repellent sealer, and apply pavement markings. Failure to apply a water repellent sealer and replace selected caulk joints will result in slab deterioration and leaks, thus incurring more costly repairs and increased vehicle damage claims. Pavement markings are required to provide efficient spacing for parked vehicles.

Capital Improvement Request Part II

Requesting Department: DPW Parking

Project/Program Title: 4th / Highland Parking Structure Repairs

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$137,000	\$137,000
2016 Projection					\$550,000	\$550,000
2017 Projection						\$0
2018 Projection					\$350,000	\$350,000
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$0	\$0	\$0	\$0	\$1,037,000	\$1,037,000
Total Project Cost	\$0	\$0	\$0	\$0	\$1,037,000	\$1,037,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source?

- 2015 Yes No Uncertain
- 2016 Yes No Uncertain
- 2017 Yes No Uncertain
- 2018 Yes No Uncertain
- 2019 Yes No Uncertain
- 2020 Yes No Uncertain

Are cost estimates based on industry standards?
 Will city employees be performing any portion of the work?
 Did you perform a cost/benefit analysis?

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 02/01/15

Estimated Completion Date: 10/31/18

Department Head Signature

Gloria Kuhn

Prepared By/Phone Ext

C Angelos x 2404

CIC - Capital Improvement Request Part III

Department:	DPW - Parking	Date Submitted:	3/18/2013
Project/Program:	4th / Highland Parking Structure Repairs	Current Request:	\$137,000
Prepared By:	C Angelos	6 Yr Total:	\$1,037,000
Dept Head:	Ghassan Korban		

General Project/Program Description:
 2015: Provide electrical back-up system to guarantee lighting and revenue system functioning; replace elevator cabling in 2 elevators; replace 10 windows. 2016: Paint steel surfaces and structural components to avoid corrosion and more costly repairs. 2018: Replace selected caulk joints, apply water repellent sealer, and apply pavement markings.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
x				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
				What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
x				Will the project lead to a reduction in operating costs?
	x			Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
x				Is there a revenue generating opportunity? (e.g. user fees)
	x			Will the project result in a reduction in energy use?
		x		Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 When a garage has expansion joint leaks, the spaces under the leaks must be cordoned off so as not to damage vehicles, thus resulting in a loss of revenue. If pavement markings are not added, vehicles park in a non-space-efficient manner.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 4th / Highland Parking Structure Repairs

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

This structure provide parking for Bradley Center sporting and concert events and provide parking for future Park East development.

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
				How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
X	X			Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	X			Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

The parking garage borders the Park East development corridor and as such would provide for parking to new development. The electrical back-up assures that all electrical systems function properly without disruption.

Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

The parking garage borders the Park East development corridor and as such would provide for parking to new development and continued parking for Bradley Center and Turner Hall events.

Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
				Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Funding for this project results from tax-levy exempt parking enterprise fund.

Capital Improvement Request Form Part I

Project/Program Title: MacArthur Square Parking Repairs

Requesting Department: DPW-Parking

Prepared By/Phone Ext: C Angelos x2404

Department Head Signature: Ghassan Kuhn

Account No: _____

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 4

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

2015 - Concrete surface repairs and painting of Basement Level and ramps. Painting was last done in 2005 and has an expected useful life of 10 years. Repainting with protective finish is required to prevent corrosion and deterioration of structural components. Painting of concrete surfaces is also for aesthetic improvement which includes better lighting visibility, reflectivity and provision of safer environment for pedestrians and vehicles.

2016-Repair elevated slabs on 9th Street level (last completed in 1991), reapply membrane, replace expansion joint, and repaint pavement markings.

2019-Painting of James Lovell Level and replace roof expansion joint. Painting increases visibility, reflectivity, and provision of safer environment for pedestrians and vehicles. Replacing the expansion joint mitigates leaking, which reduces future more costly repairs and vehicle damage.

G) Additional Comments

2019-2020 Provide for complete upgrade of electrical system throughough garage over a 2-year period. The electrical system components have not been upgraded since construction of the garage in the mid 1960's. Left undone, there is a potential for greater failures and greater safety issues.

Capital Improvement Request Part II

Requesting Department: DPW - Parking
 Project/Program Title: MacArthur Square Parking Repairs
 Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request						\$400,000
2016 Projection						\$500,000
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$950,000
2020 Projection						\$500,000
Total Six Year Cost	\$0	\$0	\$0	\$0	\$2,350,000	\$2,350,000
Total Project Cost	\$0	\$0	\$0	\$0	\$2,350,000	\$2,350,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:
 Thorough Cost Estimate 2015
 Limited Information 2016
 Based on Cost of Similar Projects 2017
 Unsupported 2018

Were cost estimates confirmed by another source?
 Are cost estimates based on industry standards?
 Will city employees be performing any portion of the work?
 Did you perform a cost/benefit analysis?

How will this project impact city operating expenditures?
 Increase Decrease None

Estimated Start Date: 02/01/15
 Estimated Completion Date: 12/20/20

Ghassan Kuhn

Department Head Signature

Prepared By/Phone Ext
 C Angelos x2404

CIC - Capital Improvement Request Part III

Department: DPW - Parking
 Project/Program: Mac Square Parking Structure Repairs
 Prepared By: C Angelos
 Dept Head: Ghassan Korban

Date Submitted: 2/17/2014
 Current Request: \$400,000
 6 Yr Total: \$2,350,000

General Project/Program Description:
 2015- Concrete surface repairs and paint basement level and ramps. 2016 - Repair elevated slabs & replace expansion joint on 9th St level., reapply membrane, repaint pavement markings. 2019-2020: Provide complete upgrade of electrical systems. 2019-Paint James Lovell Level and replace roof expansion joint.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
x				Does the project directly promote improved health or safety?
x				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate?
	x			Does the project promote long-term regulatory compliance?
	x			Will there be a serious negative impact on the City if compliance is not achieved?
	x			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
x				Will the project lead to a reduction in operating costs?
x				Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
x				Is there a revenue generating opportunity? (e.g. user fees)
	x			Will the project result in a reduction in energy use?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Mac Square Parking Structure Repairs

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	x			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	x			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	x			Does the project increase or enhance recreational opportunities and/or green space?
	x			Will the project mitigate blight?
	x			Does the project target the quality of life of all citizens?
	x			Does the project preserve or improve the historical or natural heritage of the City?
	x			Is the project consistent with established community character?
x				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	x			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
				How does the request affect the replacement cycle? Provide specifics below.
x				Has the facility being replaced exceeded its useful life?
x				Does this project extend the useful life of an existing facility?
	x			Do maintenance costs exceed replacement costs?
				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		x		Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

All repairs extend the useful life of the facility. Failure to undertake any of these projects could result in higher operating and maintenance costs and loss of use of some revenue-generating spaces.

Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
	x			Would an alternate location for this project provide a greater positive economic impact?
		x		Will the project produce desirable jobs in the City?
		x		Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
x				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	x			Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
				Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

All parking capital projects are funded through the tax-exempt parking enterprise fund.

Capital Improvement Request Form Part I

Project/Program Title: 1000 Water Parking Structure Repairs Requesting Department: DPW-Parking
 Prepared By/Phone Ext: C Angelos x2404 Department Head Signature: *Ghera Kuhn*
 Account No: _____

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years 3

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2012-2017 2013-2018 Yes, Modified New Request

F) Project/Program Justification

2015 - Replace cabling in 4 garage elevators. Cables have not been replaced since building construction in 1991. Failure to recable will result in greater maintenance costs and may present safety issues.
 2016 - Replace 8 security cameras that provide for security of persons and revenue equipment at the exit gates and at the paystations. Equipment has not been replaced since the mid-1990s.
 2017- Replace leaking expansion joints, apply water repellant sealer on all elevated slabs, mark pavement on all levels with stall design. Failure to replace leaking expansion joints will result in slab deterioration with more costly repairs and increased vehicle damage claims. Failure to apply a water repellant sealer will result in slab deterioration and leaks, thus incurring more costly repairs and increased vehicle damage claims. Pavement markings are required to provide efficient spacing for parked vehicles.

G) Additional Comments

2020-Upgrade carbon monoxide detection system

Capital Improvement Request Part II

Requesting Department: DPW-Parking

Project/Program Title: 1000 Water Parking Structure Repairs

Account No: _____

Year	Special Assessment				Total Cost
	Tax Levy/Borrowing	Grant & Aid	Revenue	Enterprise	
Remaining Balance for 2014					\$0
2015 Budget Request				\$140,000	\$140,000
2016 Projection				\$50,000	\$50,000
2017 Projection				\$450,000	\$450,000
2018 Projection					\$0
2019 Projection					\$0
2020 Projection				\$88,000	\$88,000
Total Six Year Cost	\$0	\$0	\$0	\$728,000	\$728,000
Total Project Cost	\$0	\$0	\$0	\$728,000	\$728,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/15/15

Estimated Completion Date: 12/31/20

Department Head Signature



Prepared By/Phone Ext

C Angelos x2404

CIC - Capital Improvement Request Part III

Department:	DPW - Parking	Date Submitted:	2/14/2014
Project/Program:	1000. Water Parking Structure Repairs	Current Request:	\$140,000
Prepared By:	C Angelos	6 Yr Total:	\$728,000
Dept Head:	Ghassan Korban		

General Project/Program Description:
 2015- Replace cabling in 4 garage elevators. 2016- Replace 8 security cameras and undertake façade inspection. 2017 - Replace leaking expansion joints, apply water sealant, paint pavement markings. 2020-upgrade carbon monoxide detection system

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
x				Does the project directly promote improved health or safety?
x				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate?
	x			Does the project promote long-term regulatory compliance?
x				Will there be a serious negative impact on the City if compliance is not achieved?
				Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:
 The parking garage is one member of a commercial condominium association that mandates that all elements must be maintained in good working order consistent with a Class A facility.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
				What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
x				Will the project lead to a reduction in operating costs?
	x			Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
x				Is there a revenue generating opportunity? (e.g. user fees)
		x		Will the project result in a reduction in energy use?
				x
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 1000 Water Parking Structure Repairs

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
	X			How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	X			Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
X				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

This project funded by non tax levy parking enterprise fund.

Capital Improvement Request Form Part I

Project/Program Title: Milwaukee/Michigan Parking Structure Repairs Requesting Department: DPW-Parking

Prepared By/Phone Ext: C Angelos x2404 Department Head Signature: Ghassan Kuhn

Account No: _____

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 5

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

The City of Milwaukee is contractually obligated to Johnson Controls to undertake capital improvements in this structure.

2015 - Perform state-mandated facade inspection. Caulk joints in both north and south facades and paint exterior. Regular maintenance and replacement of existing caulk joints is necessary to reduce future cost of repairs. Caulk material has met and exceeded expected useful life, but will require replacement to continue to provide joint protection. Repainting reduces degradation of surface which would lead to costlier repairs.

2017- Apply vehicular traffic membrane on levels 1 - 4; paint pavement markings; and reapply water repellent sealer at ramp levels 1-4. Membrane and water repellent sealer application prevents seepage of corrosive chemicals into concrete and retards structural degradation.

3) Additional Comments

2018 - Repair or replace slab on grade and repaint pavement markings, as required. Failure to undertake repairs will result in much costlier future repairs due to structural degradation

2019 -2020 Planning and administrative work for steel component painting to occur in two successive years. Repainting prevents corrosion of metal components. All structural steel members are beginning to have paint failure and rusting. Current paint product is lead based and will require proper abatement at time of work.

2020 - Upgrade carbon monoxide detection system

Capital Improvement Request Part II

Requesting Department: DPW - Parking
 Project/Program Title: Milwaukee/ Michigan Parking Structure Repairs

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$300,000	\$300,000
2016 Projection						\$0
2017 Projection					\$550,000	\$550,000
2018 Projection					\$300,000	\$300,000
2019 Projection					\$600,000	\$600,000
2020 Projection					\$688,000	\$688,000
Total Six Year Cost	\$0	\$0	\$0	\$0	\$2,438,000	\$2,438,000
Total Project Cost	\$0	\$0	\$0	\$0	\$2,438,000	\$2,438,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:
 Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
 Limited Information 2015 2016 2017 2018 2019 2020
 Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
 Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source?
 Are cost estimates based on industry standards?
 Will city employees be performing any portion of the work?
 Did you perform a cost/benefit analysis?

Yes No Uncertain
 Yes No Uncertain
 Yes No Uncertain
 Yes No Uncertain

How will this project impact city operating expenditures?

Increase Decrease None

Estimated Start Date: 02/01/15
 Estimated Completion Date: 12/31/20

Department Head Signature: *Sherron Kuhn*
 Prepared By/Phone Ext: C. Angelos x2404

CIC - Capital Improvement Request Part III

Department:	DPW - Parking	Date Submitted:	3/16/2013
Project/Program:	Milwaukee / Michigan Parking Structure Repairs	Current Request:	\$300,000
Prepared By:	C Angelos	6 Yr Total:	\$2,438,000
Dept Head:	Ghassan Korban		

General Project/Program Description:

2015 - State ordered façade inspection. Caulk joints and pain exterior. 2017 - Repair or replace slab (as necessary) on grade and repaint pavement markings. 2018 - Apply surface membrane on levels 1-4, paint pavement markings and water seal the ramp. 2019-2020 - Plan administrative work for painting steel components in two successive years.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
		x		Does the project directly promote improved health or safety?
		x		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate?
	x			Does the project promote long-term regulatory compliance?
x				Will there be a serious negative impact on the City if compliance is not achieved?
	x			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

The City is party to a long-term lease with Johnson Controls for exclusive use of this parking garage. The City is mandated to undertake capital projects that require more than \$28,000 per year in expenditure. Johnson Controls maintains the garage up to the \$28,000 annually.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
				What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
	x			Will the project lead to a reduction in operating costs?
	x			Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity? (e.g. user fees)
		x		Will the project result in a reduction in energy use?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

If the City fails to honor its lease obligations to Johnson Controls, the City would be in breach of contract.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Milwaukee / Michigan Parking Structure Repairs

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

This garage was leased to Johnson Controls in exchange for a realized promise from JCI to develop an addition to their downtown campus and to add jobs downtown at the inception of the lease.

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
				How does the request affect the replacement cycle? Provide specifics below.
	X			Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
X				Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Regular preventative maintenance of this garage avoids costlier repairs and the useful life of the City's oldest parking garage is continually being extended.

Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

This garage was leased to Johnson Controls in exchange for a realized promise from JCI to develop an addition to their downtown campus and to add jobs downtown at the inception of the lease.

Yes	No	N/A	Amount	Special Considerations
X				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Funding is provided by the non-tax levy parking enterprise fund.

Capital Improvement Request Form Part I

Project/Program Title: Parking Facility Repair and Maintenance

Requesting Department: DPW - Parking

Prepared By/Phone Ext: C Angelos x2404

Department Head Signature: *Chelsea Kuhn*

Account No: _____

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

2015-2020 Funding for general facility maintenance is used to provide necessary repairs for structural, mechanical and electrical deficiencies of a non-emergency nature that when left uncorrected lead to structural, mechanical and electrical deterioration. By grouping smaller, planned repair and renovation projects into a single capital project, this allows Parking Operations to bid similar work across structures to obtain lower prices, thereby creating efficiencies when compared to bidding smaller, individual projects on a per structure basis. Funding is also used to correct unplanned deficiencies identified by violation reports issued by building code inspectors that are time-sensitive in nature.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW-Parking

Project/Program Title: Repave Tow Lot and Some Surface Lots

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$40,000	\$40,000
2016 Projection					\$55,000	\$55,000
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$0	\$0	\$0	\$0	\$95,000	\$95,000
Total Project Cost	\$0	\$0	\$0	\$0	\$95,000	\$95,000

Life to Date Expenditures (Project Only)

	2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source?
 Are cost estimates based on industry standards?
 Will city employees be performing any portion of the work?
 Did you perform a cost/benefit analysis?

- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 04/01/15

Estimated Completion Date: 10/31/16

Department Head Signature

Sharon Kuhn

Prepared By/Phone Ext

C Angelos x2404

CIC - Capital Improvement Request Part III

Department:	DPW - Parking	Date Submitted:	2/17/2014
Project/Program:	Parking Facility Repair and Maintenance	Current Request:	\$200,000
Prepared By:	C Angelos	6 Yr Total:	\$1,200,000
Dept Head:	Ghassan Korban		

General Project/Program Description:
 2014 -2019 Funding for general facility maintenance is used to provide necessary capital repairs for structural, mechanical and/or electrical deficiencies of a non-emergency nature that when left uncorrected may lead to structural, mechanical or electrical deterioration. This groups smaller, planned repairs into a single project, providing for economies of scale.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		x		Does the project directly reduce risks to people or property?
		x		Does the project directly promote improved health or safety?
x				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
			see below	Does the project address a legislative, regulatory or court-ordered mandate?
			see below	Does the project promote long-term regulatory compliance?
			see below	Will there be a serious negative impact on the City if compliance is not achieved?
	x			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:
 Some projects are ordered by building inspectors when deficiencies in fire doors or elevators occur. Some projects may be mandated by building inspectors.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
				What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
x	x		Normally, yes	Will the facility require additional personnel to operate?
			Sometimes	Will the project lead to a reduction in operating costs?
	x			Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
x				Is there a revenue generating opportunity? (e.g. user fees)
	x			Will the project result in a reduction in energy use?
	x			Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 The required projects vary each year. Some years there are expense-saving repairs or revenue-generating repairs that allow us to keep the garage fully-functional rather than having to cordon off areas.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Parking Facility Repair and Maintenance

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
	X			Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
	X			Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
	X			Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
	X			Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
	X			Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
	X			How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
	X			Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
	X			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	X			Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Miscellaneous repairs over all garages is typically done to extend the useful life of particular components within the facilities.

Yes	No	N/A	Amount	Economic / Community Development
	x			Does the project have the potential to promote economic/community development in areas where growth is desired?
	x			Will the project continue to promote or enhance economic/community development in an already developed area?
	x			Is the net impact of the project positive?
	xx			Would an alternate location for this project provide a greater positive economic impact?
	x			Will the project produce desirable jobs in the City?
	x			Will the project rejuvenate an area that needs assistance?
	x			Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
x				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	x			Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

This is being funded through the non-tax-levy parking enterprise fund.

Capital Improvement Request Form Part I

Project/Program Title: Repave Tow Lot and Some Surface Lots

Requesting Department: DPW - Parking

Prepared By/Phone Ext: Cangelos X2404

Department Head Signature: *Ghassan Kuhn*

Account No: _____

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other 2

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 2

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

2015-2016 Replace one-third of the tow lot pavement annually. Surface of tow lot has not been repaved since late 1990's. Each year over 27,000 vehicles are towed and moved within the tow lot. Pavement is deteriorating and must be repaved. To minimize operational problems, repaving will be completed in successive years.

2016 - Patch and seal pavement on public, surface parking lots determined to be in most need. Repaving has not taken place in greater than 25 years. Not only will this provide a less hazardous driving surface, it also aids in reducing the look of blight in neighborhoods surround the lots. Combining these projects provide opportunity for better bid prices due to economies of scale.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW-Parking Account No: _____
 Project/Program Title: Repave Tow Lot and Some Surface Lots

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$40,000	\$40,000
2016 Projection					\$55,000	\$55,000
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$0	\$0	\$0	\$0	\$95,000	\$95,000
Total Project Cost	\$0	\$0	\$0	\$0	\$95,000	\$95,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:
 Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
 Limited Information
 Based on Cost of Similar Projects
 Unsupported

Were cost estimates confirmed by another source?
 Are cost estimates based on industry standards?
 Will city employees be performing any portion of the work?
 Did you perform a cost/benefit analysis?

Yes No Uncertain
 Yes No Uncertain
 Yes No Uncertain
 Yes No Uncertain

How will this project impact city operating expenditures?

Increase Decrease None

Estimated Start Date: 04/01/15
 Estimated Completion Date: 10/31/16

Sharon Kuhn

Department Head Signature

Prepared By/Phone Ext C Angelos x2404

CIC - Capital Improvement Request Part III

Department: DPW - Parking
 Project/Program: Parking Surface Lot and Tow Lot Repaving
 Prepared By: C Angelos
 Dept Head: Ghassan Korban

Date Submitted: 2/14/2014
 Current Request: \$40,000
 6 Yr Total: \$95,000

General Project/Program Description:
 2015 - 2016 Replace 1/3 of tow lot pavement annually. 2016 - Repavve or repair and patch pavement on various surface parking lots detrmind to be in the most need. No surface lot has been repaved in more than 20 years.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
	x			Does the project directly promote improved health or safety?
x				Does the project mitigate an immediate risk?

Comments / Other Considerations:
 The tow lot hasn't been repaved in over 15 years. Surfaces are uneven and provide for tripping hazards when accessed by staff or vehicle owners and/or their tow truck drivers. City surface lots are used by residential and commercial business customers. Surfaces present walking hazards.

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate?
	x			Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
	x			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
				What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
	x			Will the project lead to a reduction in operating costs?
	x			Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
x				Is there a revenue generating opportunity? (e.g. user fees)
	x			Will the project result in a reduction in energy use?
		x		Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 The tow lot generates over \$5 million in annual revenue. Surface lots require meter payments or parking permits that provide some revenue, but their main purpose is to provide parking access to homes and businesses with few off-street parking options throughout the City.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Parking Surface Lot and Tow Lot Repaving

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space?
		x		Will the project mitigate blight?
		x		Does the project target the quality of life of all citizens?
		x		Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
x				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
				How does the request affect the replacement cycle? Provide specifics below.
	x			Has the facility being replaced exceeded its useful life?
x				Does this project extend the useful life of an existing facility?
x				Do maintenance costs exceed replacement costs?
	x			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	x			Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
		x		Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
	x			Would an alternate location for this project provide a greater positive economic impact?
		x		Will the project produce desirable jobs in the City?
		x		Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
x				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	x			Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
		x		Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

The non-tax-levy parking fund would provide the money necessary to fund this project. Failure to provide resurfacing may decrease useful vehicle storage areas in both the tow lot and surface lots to be repaved.

Capital Improvement Request Form Part I

Project/Program Title: Replace Multi-space Parking Meters Requesting Department: DPW - Parking Fund

Prepared By/Phone Ext: C Angelos x2404 Department Head Signature: 

Account No: _____

A) Department Priority _____ of _____ Useful Life twelve Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years 2

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

2019 - Replace 103 multi-space meters that were originally installed in 2007 in the first of a four-year installation phase. The useful life of these meters is approximately 10 - 12 years. Some of the housings have begun to rust due to the snow salt that accumulates at the base of the meters during snow operations. By 2019, the rusting will have advanced. In addition, more recent models on subsequent installations require much less power and provide for greater daytime visibility. Additional software advances on the new models result in quicker communication processing to speed the real-time data transfer. Revenue generated by the multi-space meters in 2012 exceeded \$3.2 million.

2020- Replace 75 multi-space meters that were originally installed in 2008 in the second of a four-year installation phase. The useful life of these meters is approximately 10- 12 years Additional software advances on the new models result in quicker communication processing to speed the real-time data transfer. Revenue generated by the multi-space meters in 2013 exceeded \$3.3 million.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW - Parking Fund

Project/Program Title: Replace Multi-Space Meters

Account No:

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request						\$0
2016 Projection						\$0
2017 Projection						\$0
2018 Projection						\$0
2019 Projection					\$1,100,000	\$1,100,000
2020 Projection					\$900,000	\$900,000
Total Six Year Cost	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000
Total Project Cost	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0
-----	-----	-----	-----	-----	-----

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 04/01/19

Estimated Completion Date: 12/01/20

Department Head Signature

Gherson Kuhn

3/21/14

Prepared By/Phone Ext

C Angleos x2404

CIC - Capital Improvement Request Part III

Department:	DPW - Parking	Date Submitted:	03/16/2013
Project/Program:	Replace Multi-space meters	Current Request:	\$0
Prepared By:	C Angelos	6 Yr Total:	\$2,000,000
Dept Head:	Ghassan Korban		

General Project/Program Description:
 2019-Replace oldest 103 multi-space parking meters originally installed in 2007. The normal useful life for multi-space meters is typically 10 -12 years. 2020 - Replace 45 multi-space meters originally installed in 2008.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		x		Does the project directly reduce risks to people or property?
		x		Does the project directly promote improved health or safety?
		x		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate?
	x			Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
x				Will the project lead to a reduction in operating costs?
x				Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
x				Is there a revenue generating opportunity? (e.g. user fees)
		x		Will the project result in a reduction in energy use?
		x		Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	j			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Replace Multi-space meters

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space?
		x		Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
		x		Does the project preserve or improve the historical or natural heritage of the City?
x				Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
				How does the request affect the replacement cycle? Provide specifics below.
x				Has the facility being replaced exceeded its useful life?
x				Does this project extend the useful life of an existing facility?
x				Do maintenance costs exceed replacement costs?
	x			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
x				Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
		x		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
		x		Will the project produce desirable jobs in the City?
		x		Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
x				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	x			Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				
This project paid for with tax-levy-exempt Parking Fund.				

Capital Improvement Request Form Part I

Project/Program Title: Purchase single-spaced credit card meter mechs

Requesting Department: DPW - Parking

Prepared By/Phone Ext: C Angelos x2404

Department Head Signature: *Ghassan Kuhn*

Account No: _____

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

2015 - 2016 Hire consultant and write RFP to purchase approximately 1300 single-space credit card parking meters mechanism in 2015 and 1300 in 2016. Currently there are installed 303 multi-space meters in the downtown and Third Ward where there at least six contiguous metered spaces on a block. Where there are less than six spaces, the City decided not to install the more expensive multi-space meter and instead fill in the areas with traditional coin-only single-space meters. This would allow purchase of meter mechanisms that can be placed within the current single-space meter housings and will provide for coin or credit card payment. Parking meter rates in these areas are currently \$1.50 per hour, and it is difficult for many people to carry \$3 in coin to pay for 2 hours of parking. DPW has tested 15 of these meters during 2012 and found them require little maintenance. DPW only plans to replace single-space meter mechanisms in locations where the parking rate is at least \$1 per hour.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW -Parking

Project/Program Title: Purchase Single-space Credit Card Meter Mechs

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$675,000	\$675,000
2016 Projection					\$650,000	\$650,000
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$0	\$0	\$0	\$0	\$1,325,000	\$1,325,000
Total Project Cost	\$0	\$0	\$0	\$0	\$1,325,000	\$1,325,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0	\$0
-----	-----	-----	-----	-----	-----	-----

Available Cost Estimate:

- Thorough Cost Estimate 2014
- Limited Information 2015
- Based on Cost of Similar Projects 2016
- Unsupported 2017

- 2018
- 2019

Were cost estimates confirmed by another source? Yes No

Are cost estimates based on industry standards? Yes No

Will city employees be performing any portion of the work? Yes No

Did you perform a cost/benefit analysis? Yes No

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/02/15

Estimated Completion Date: 12/29/16

Department Head Signature

Sheena Kuban

Prepared By/Phone Ext

C. Angelos x2404

CIC - Capital Improvement Request Part III

Department:	DPW - Parking	Date Submitted:	2/14/2014
Project/Program:	Purchase Single-space credit card parking meter mechanisms	Current Request:	\$675,000
Prepared By:	C Angelos	6 Yr Total:	\$1,325,000
Dept Head:	Ghassan Korban		

General Project/Program Description:
 2015- Hire consultant to write RFP and purchase approximately 1300 single-space meters that accept both credit card and coin payments. 2016 - purchase remaining 1300 single-space meters that accept both credit card and coin payments in balance of downtown and Third Ward and in other heavily used metered areas.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
	x			Does the project directly reduce risks to people or property?
	x			Does the project directly promote improved health or safety?
	x			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
		x		What is the expected payback period for this project?
		x		Does the project minimize life-cycle costs?
		x		Will the facility require additional personnel to operate?
x				Will the project lead to a reduction in operating costs?
x				Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
x				Is there a revenue generating opportunity? (e.g. user fees)
		x		Will the project result in a reduction in energy use?
		x		Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
				Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:
 Credit card transaction fees from payments made utilizing credit cards. However, experience has demonstrated that persons pay more for metered time when they have the option of the credit card, probably resulting in a wash.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Purchase Single-space credit card parking meter mechanisms

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space?
		x		Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
		x		Does the project preserve or improve the historical or natural heritage of the City?
		x		Is the project consistent with established community character?
x				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		x		How does the request affect the replacement cycle? Provide specifics below.
	x			Has the facility being replaced exceeded its useful life?
x				Does this project extend the useful life of an existing facility?
		x		Do maintenance costs exceed replacement costs?
	x			Have you documented the past cost of unplanned or corrective maintenance related to the facility?
x				Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
x				Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
Yes	No	N/A	Amount	Economic / Community Development
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
	x			Will the project produce desirable jobs in the City?
		x		Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Yes	No	N/A	Amount	Special Considerations
x				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	x			Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				
This would be funded from the tax-levy-exempt parking fund.				

Capital Improvement Request Form Part I

Project/Program Title: Replace Parking Revenue Control & Access Equipment

Requesting Department: DPW- Parking

Prepared By/Phone Ext: Cangelos x2404

Department Head Signature: Ghesaun Kuhn

Account No: _____

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

2016 - Hire consultant to write specifications for an RFP to replace all revenue control and ingress/egress equipment at four public revenue-generating parking garages. 2017 -

Replace all revenue control and ingress/ egress equipment at these four garages (MacArthur Square, 4th/Highland, 2nd Street, 1000 Water). They currently generate more than \$6.5 million in annual revenue. In 2004, these facilities were converted from cashiered to cashierless access, enabling the city to operate these garages 24 hours per day, 7 days per week at reduced costs. The estimated useful life of this equipment (all entrance/exit gates, paystations, fee computers, software, etc) is typically about 9 - 11 years. New equipment should require lower maintenance fees and replacement part costs but should also guarantee that ever-changing credit card security standards can be maintained.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW - Parking

Project/Program Title: Replace Parking Structure Rev Control & Access Equipment

Account No: _____

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request						\$0
2016 Projection					\$50,000	\$50,000
2017 Projection					\$1,500,000	\$1,500,000
2018 Projection						\$0
2019 Projection						\$0
20120Projection						\$0
Total Six Year Cost	\$0	\$0	\$0	\$0	\$1,550,000	\$1,550,000
Total Project Cost	\$0	\$0	\$0	\$0	\$1,550,000	\$1,550,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 05/01/16

Estimated Completion Date: 12/31/17

Department Head Signature



Prepared By/Phone Ext

C Angelos x2404

CIC - Capital Improvement Request Part III

Department:	DPW - Parking	Date Submitted:	3/16/2013
Project/Program:	Replace Parking Revenue Control & Access Equipment	Current Request:	\$0
Prepared By:	C Angelos	6 Yr Total:	\$1,550,000
Dept Head:	Ghassan Korban		

General Project/Program Description:
 Replace all revenue control and ingress/egress equipment at four revenue-generating public parking garages. The cashierless equipment generates over \$6.5 million in annual revenues.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		x		Does the project directly reduce risks to people or property?
		x		Does the project directly promote improved health or safety?
		x		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	x			Does the project address a legislative, regulatory or court-ordered mandate?
		x		Does the project promote long-term regulatory compliance?
		x		Will there be a serious negative impact on the City if compliance is not achieved?
		x		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
				What return on investment will this project generate?
				What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
	x			Will the facility require additional personnel to operate?
x				Will the project lead to a reduction in operating costs?
x				Will the project lead to increased productivity or service improvements?
	x			Will the facility require significant annual maintenance?
	x			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
x				Is there a revenue generating opportunity? (e.g. user fees)
	x			Will the project result in a reduction in energy use?
		x		Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Replace Parking Revenue Control and Access Equipment

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
		x		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space?
		x		Will the project mitigate blight?
		x		Does the project target the quality of life of all citizens?
		x		Does the project preserve or improve the historical or natural heritage of the City?
		x		Is the project consistent with established community character?
x				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		x		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
				How does the request affect the replacement cycle? Provide specifics below.
				Has the facility being replaced exceeded its useful life?
				Does this project extend the useful life of an existing facility?
				Do maintenance costs exceed replacement costs?
				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
				Does the project incorporate new technology that will provide enhanced service?
				Does the project extend service for new development or redevelopment?
				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	
Economic / Community Development				
		x		Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
				Would an alternate location for this project provide a greater positive economic impact?
		x		Will the project produce desirable jobs in the City?
		x		Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	
Special Considerations				
x				Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	x			Are there critical timing issues associated with this project?
	x			Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				
This will be funded through the tax-levy-exempt parking fund.				

SEWER MAINTENANCE FUND

	2014 Approved Budget	2015 Budget From 6 YR CIP	2015 Requested Budget
Sewer Maintenance Relay	33,900,000 *	31,000,000	33,000,000 **
Sanitary Pump Rehabilitation	700,000	700,000	700,000
Channel Maintenance	200,000	200,000	200,000
I/I Reduction Projects	7,000,000	7,000,000	5,000,000
Water Quality Projects	1,000,000	500,000	1,000,000
Flood Mitigation Program	N.A.	N.A.	2,500,000
TOTALS:	42,800,000	39,400,000	42,400,000

* Includes \$2,900,000 in reserves for borrowing purposes. Not available for projects.

** Reserves for borrowing will be added by the Budget Office at a later date.

2015 DPW CAPITAL IMPROVEMENT PROJECT/PROGRAM DESCRIPTION

FUND & PROJECT GRANT NUMBER		PROJECT/PROGRAM TITLE & LOCATION	
SM495150000		SEWER MAINTENANCE RELAY PROGRAM AT VARIOUS LOCATIONS THROUGHOUT THE CITY OF MILWAUKEE	
DIVISION/ SECTION			
DEPARTMENT OF PUBLIC WORKS / INFRASTRUCTURE SERVICES			
DATE	PREPARED BY/PHONE		
3/14/2014	Timothy J. Thur / 286-2463		
PROJECT/PROGRAM DESCRIPTION AND JUSTIFICATION			
<p>The capital sewer program is a necessary function of City government because it is critical to public health and safety, reduces lake and river pollution, preserves neighborhood vitality and is needed for new growth and development. As an adjunct, the sewer program provides citizen employment and opportunities for businesses, as all capital sewer projects are constructed by private contract.</p> <p>Sewer Maintenance Relay Program construction, as part of the City's infrastructure maintenance, involves the rehabilitation and the replacement, and in many cases, the enlargement of existing combined, sanitary and storm sewers. There are four categories of projects in the Sewer Maintenance Relay Program.</p> <ol style="list-style-type: none"> 1. BACKWATER PROJECTS: Through rainfall and high ground water conditions, unwanted clear water enters the main sewer through cracks and joints in the sewer itself, building sewers, building footing drains and illegal/illicit sump pump and roof drain connections. When the main sewer is filled beyond its capacity (surcharged), the hydraulic pressure can reverse the direction of flow in the building sewers and cause the sewage to back up through the floor drains and flood basements (backwater). 2. CONDITION PROJECTS: The City's infrastructure needs to be adequately maintained. Sewers deteriorate and eventually fail to function. Although certain defects are tolerated, it is not acceptable to wait for failure to occur before taking corrective action. The reasons for taking preventive action are the public health threat, potential liability, premium costs paid for emergency repairs, unnecessary neighborhood disruptions and potentially large expenses for removing and replacing appurtenances in excess of that encountered with preventive sewer reconstruction. 3. HYDRAULIC CAPACITY PROJECTS: The hydraulic capacity of a sewer is determined by more than just its physical size. Also contributing to the capacity is the material from which it is constructed (roughness of the surface which changes over time), the type of flow (sewage contents), the pitch of the sewer (slope) and the capacity of the outlet (next sewer downstream). When sewers are determined to be hydraulically inadequate, preventive repairs must be performed to prevent surcharged conditions and the associated effects. 4. SEWER STRUCTURE CONSTRUCTION AND REHABILITATION: These projects will be performed on an as needed basis in response to unanticipated problems such as backwater or flooding problems. <p>There are three alternatives to the Sewer Maintenance Relay Program.</p> <ol style="list-style-type: none"> 1. Eliminate the program and allow sewage to back up into buildings and onto streets creating a health and safety hazard. 2. Eliminate the program and only do emergency repairs where collapses occur. Emergency repairs will require larger amounts of money than if the sewer were repaired prior to collapse. 3. Eliminate the program and install sewage holding tanks for the areas which had been served by the failed sewer. <p>None of these alternatives are considered to be in the best interest of the City.</p>			

Capital Improvement Request Form Part I

Project/Program Title: Sewer Maintenance Relay at various locations in the City of Milwaukee

Requesting Department: Department of Public Works - Infrastructure Services

Prepared By/Phone Ext: Timothy J. Thur / 286-2463

Department Head Signature: Ghassan Kuhn

Account No: SM495150000

A) Department Priority _____ of _____ Useful Life 90 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2014-2019 2015-2020 Yes, Modified New Request

F) Project/Program Justification

See Attached Sheet

G) Additional Comments

BMD-100

Capital Improvement Request Part II

Requesting Department: Department of Public Works - Infrastructure Services

Project/Program Title: Sewer Maintenance Relay at various locations in the City of Milwaukee

Account No: SM495150000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014					\$0	\$0
2015 Budget Request					\$33,000,000	\$33,000,000
2016 Projection					\$32,000,000	\$32,000,000
2017 Projection					\$32,000,000	\$32,000,000
2018 Projection					\$32,000,000	\$32,000,000
2019 Projection					\$32,000,000	\$32,000,000
2020 Projection					\$33,000,000	\$33,000,000
Total Six Year Cost	\$0	\$0	\$0	\$0	\$194,000,000	\$194,000,000
Total Project Cost	\$0	\$0	\$0	\$0	\$194,000,000	\$194,000,000

Life to Date Expenditures (Project Only) \$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: On-Going

Department Head Signature



Prepared By/Phone Ext

Timothy J. Thur / 286-2463

CIC - Capital Improvement Request Part III

Department: DPW / Infrastructure Services
 Project/Program: Sewer Maintenance Relay Program at Various Locations
 Prepared By: Timothy J. Thur
 Dept Head: _____

Date Submitted: 3/14/2014
 Current Request: \$33,000,000.00
 6 Yr Total: \$194,000,000.00

General Project/Program Description:

This program provides for the installation, rehabilitation, and replacement of City sewers and associated infrastructure to ensure public health and safety. It also provide for the public good by replacing and repairing facilities that could cause surface depressions and/or sink holes resulting form collapsed or collapsing sewers.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
X				Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

By not reacting to regulatory requirements and directions the City would lose capital grant moneies and face stiff fines along with legal actions for the respective regulatory agencies.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
	X			Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction in energy use?
		X		Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

The capital sewer program is a necessary function of City government because it is critical to public health and safety, reduces lake and river pollution, preserves neighborhood vitality and is needed for new growth and development.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Sewer Maintenance Relay Program at Various Locations.

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
X				Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

The capital sewer program is a necessary function of City government because it is critical to public health and safety, reduces lake and river pollution, preserves neighborhood vitality and is needed for new growth and development. As an adjunct, the sewer program provides citizen employment and opportunities for businesses, as all capital sewer projects are constructed by private contract..

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
X				Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
X				Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related Infrastructure?

Comments / Other Considerations:

Sewer failures becomes more probable as existing facilities exceed their useful life. Although certain defects are tolerated, it is not acceptable to wait for failure to occur before taking corrective action. The reasons for taking preventive action are the public health threat, potential liability, premium costs paid for emergency repairs, unnecessary neighborhood disruptions and potentially large expenses for removing and replacing appurtenances in excess of that encountered with preventive sewer reconstruction.

Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Developer agreement of sewer construction occurs when a private developer requests that the City extend sewer service to the developer's lands or when the development requires modifications to an existing sewer system. Developer sewer construction is fully financed by the developer, who normally enters into a formal agreement with the City setting forth the terms.

Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
X				Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

The City's sewer design standards are established to comply with the Wisconsin Department of Natural Resources (WDNR) and Milwaukee Metropolitan Sewerage District (MMSD) requirements.

2014 DPW CAPITAL IMPROVEMENT PROJECT/PROGRAM DESCRIPTION

FUND & PROJECT GRANT NUMBER SM497150100		PROJECT/PROGRAM TITLE & LOCATION Sanitary Pump Rehabilitation Project
DIVISION/ SECTION DEPARTMENT OF PUBLIC WORKS / INFRASTRUCTURE SERVICES		
DATE 3/10/2014	PREPARED BY/PHONE Tim Thur / 286-2463	
<p><u>PROJECT/PROGRAM DESCRIPTION AND JUSTIFICATION</u></p> <p>The City of Milwaukee owns and maintains approximately 90 pump facilities. These pump facilities consist of 7 sanitary lift stations, and 83 sanitary bypass pump stations. The sanitary lift stations are required to convey sanitary wastewater from low-lying areas where gravity sewers are not available, to the Milwaukee Metropolitan Sewerage District (MMSD) for treatment. The sanitary bypass pump stations are required to reduce the risk of sewage from backing up into resident's homes and businesses and creating a health hazard and expensive clean-up of their property. These pump stations are located in areas that have historically had sewer backup occurrences during periods of heavy rain due to excessive stormwater or ground water entering into municipal wastewater systems.</p> <p>The Pump Facility Program funds the rehabilitation and replacement of these facilities. Without this funding, these pumping stations will fail to operate. Failure of the sanitary lift stations will result in:</p> <ul style="list-style-type: none"> • Overflows of sanitary sewage onto the ground, streets, and waterways near the lift stations. This is in violation of DNR rules and creates a public health hazard. • Loss of sanitary sewer service for the existing areas that currently rely on the lift stations. • Loss of potential development for areas tributary to the lift stations. <p>Failure of the sanitary bypass pump stations will result in:</p> <ul style="list-style-type: none"> • Sanitary sewage back-ups into residential homes and businesses, causing a health hazard and extensive damage. 		

Capital Improvement Request Form Part I

Department of Public Works -
Infrastructure Services

Project/Program Title: Sanitary Pump Rehabilitation project

Requesting Department:

Prepared By/Phone Ext: Tim Thur, 286-2463

Department Head Signature: *Gheenan Rubin*

Account No: SM497150100

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Department of Public Works - Infrastructure Services SM497150100
Project/Program Title: Sanitary Pump Rehabilitation Project Account No:

Year	Special Assessment				Total Cost
	Tax Levy/Borrowing	Grant & Aid	Revenue	Enterprise	
Remaining Balance for 2014					\$0
2015 Budget Request				\$700,000	\$700,000
2016 Projection				\$700,000	\$700,000
2017 Projection				\$700,000	\$700,000
2018 Projection				\$700,000	\$700,000
2019 Projection				\$700,000	\$700,000
2020 Projection				\$700,000	\$700,000
Total Six Year Cost	\$0	\$0	\$0	\$4,200,000	\$4,200,000
Total Project Cost	\$0	\$0	\$0	\$4,200,000	\$4,200,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: on going

Department Head Signature

Gherson Kubru

Prepared By/Phone Ext

Tim Thur / 2463

CIC - Capital Improvement Request Part III

Department:	Department of Public Works - Infrastructure Services	Date Submitted:	3/10/2014
Project/Program:	Sanitary Pump Rehabilitation Program	Current Request:	\$700,000
Prepared By:	Tim Thur	6 Yr Total:	\$4,200,000
Dept Head:			

General Project/Program Description:
 The City owns and maintains 7 sanitary lift stations and 83 sanitary bypass pump stations. The sanitary lift stations are required to convey sanitary wastewater from low-lying areas to the MMSD for treatment. Sanitary bypass pump stations reduce the risk of sewage backing up into residents' homes and businesses, and protect public health and property.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
x				Does the project directly reduce risks to people or property?
x				Does the project directly promote improved health or safety?
x				Does the project mitigate an immediate risk?

Comments / Other Considerations:
 Sanitary bypass pump reduce the risk of basement backups during storm events.

Yes	No	N/A	Amount	Regulatory Compliance
x				Does the project address a legislative, regulatory or court-ordered mandate?
x				Does the project promote long-term regulatory compliance?
x				Will there be a serious negative impact on the City if compliance is not achieved?
	x			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:
 Sanitary lift stations are required to provide sanitary service to low-lying areas.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		x		What return on investment will this project generate?
		x		What is the expected payback period for this project?
x				Does the project minimize life-cycle costs?
x				Will the facility require additional personnel to operate?
	x			Will the project lead to a reduction in operating costs?
x				Will the project lead to increased productivity or service improvements?
x				Will the facility require significant annual maintenance?
		x		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	x			Is there a revenue generating opportunity? (e.g. user fees)
		x		Will the project result in a reduction in energy use?
		x		Does the project involve specific energy reduction strategies or features?
	x			Will this project cause disruptions to regular city operations?
	x			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Sanitary Pump Rehabilitation Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		x		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		x		Does the project increase or enhance recreational opportunities and/or green space?
		x		Will the project mitigate blight?
		x		Does the project target the quality of life of all citizens?
		x		Does the project preserve or improve the historical or natural heritage of the City?
		x		Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
x				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
Lift stations provide development opportunities in areas that lack gravity sewer service.				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		x		How does the request affect the replacement cycle? Provide specifics below.
x				Has the facility being replaced exceeded its useful life?
x				Does this project extend the useful life of an existing facility?
x				Do maintenance costs exceed replacement costs?
x				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
x				Does the project incorporate new technology that will provide enhanced service?
x				Does the project extend service for new development or redevelopment?
x				Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				
Replacement of existing equipment is necessary to provide the services required. New technologies are utilized to improve performance.				
Yes	No	N/A	Amount	Economic / Community Development
x				Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
x				Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Reducing backwaters can have a direct impact on quality of life for residents and businesses.				
Yes	No	N/A	Amount	Special Considerations
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
x				Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				

2014 DPW CAPITAL IMPROVEMENT PROJECT/PROGRAM DESCRIPTION

FUND & PROJECT GRANT NUMBER SM497150200		PROJECT/PROGRAM TITLE & LOCATION River Channel Maintenance	
DIVISION/ SECTION DEPARTMENT OF PUBLIC WORKS / INFRASTRUCTURE SERVICES			
DATE	PREPARED BY/PHONE		
3/14/2014	Tim Thur/ 286-2463		
<u>PROJECT/PROGRAM DESCRIPTION AND JUSTIFICATION</u>			
<p>The City is responsible for the maintenance of several river channels at various locations throughout the City. River channels lose storage and conveyance capacity when sediments build up on the channel beds over time. When there is too much debris, silt and sediment build-up and vegetation growth it is necessary that the channel is dredged and/or the vegetation removed. Otherwise the channels would lose conveyance capacity and overflow their banks, endangering the surrounding property owners. The maintenance of the channels is also needed to ensure that sediment from eroding banks does not negatively impact the water quality of the area's streams and rivers.</p> <p>The channel maintenance program may include removing deposits from channels, modifying existing channels, and cleaning of box culverts and other structures.</p> <p>Channel maintenance will help improve the flow of water through the channel, helping to reduce the risk for surface flooding or basement backups for neighborhoods adjacent to these channels. A well maintained channel will also stabilize the banks and reduce the amount of sediment being washed downstream.</p> <p>If funding is not approved, properties abutting the channels will be under a greater risk of flooding, resulting in the loss of property and threatening the safety of the residents and the welfare of the general public.</p>			

Capital Improvement Request Form Part I

Project/Program Title: River channel maintenance

Requesting Department: DPW/Infrastructure Services

Prepared By/Phone Ext: Tim Thur / 286-2463

Department Head Signature: *Ghassan Kuhn*

Account No: SM497150200

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2014-2019 2015-2020 Yes, Modified New Request

F) Project/Program Justification

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DEPARTMENT OF PUBLIC WORKS / INFRASTRUCTURE SERVICES

Project/Program Title: River Channel Maintenance Account No: SM497150200

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$200,000	\$200,000
2016 Projection					\$200,000	\$200,000
2017 Projection					\$200,000	\$200,000
2018 Projection					\$200,000	\$200,000
2019 Projection					\$200,000	\$200,000
2020 Projection					\$200,000	\$200,000
Total Six Year Cost	\$0	\$0	\$0	\$0	\$1,200,000	\$1,200,000
Total Project Cost	\$0	\$0	\$0	\$0	\$1,200,000	\$1,200,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: on-going

Department Head Signature



Prepared By/Phone Ext

CIC - Capital Improvement Request Part III

Department: DPW/Infrastructure Services	Date Submitted: 3/14/2014
Project/Program: River Channel Maintenance	
Prepared By: Tim Thur	Current Request: \$200,000
Dept Head:	6 Yr Total: \$1,200,000

General Project/Program Description:
 The channel maintenance program includes dredging of channels, removing deposits from channels, modifying existing channels, and cleaning of box culverts and other structures to adequately convey flows without increasing surface flooding. It will help reduce the amount of sediment being washed downstream and reduce the risk for flooding or basement backups for adjacent neighborhoods.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
X				Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction in energy use?
		X		Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: River Channel Maintenance

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
	X			Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
X				Does the project increase or enhance recreational opportunities and/or green space?
	X			Will the project mitigate blight?
X			All Citizens	Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	X			Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
X				Are there inter-jurisdictional considerations?
X				Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

2015 DPW CAPITAL IMPROVEMENT PROJECT/PROGRAM DESCRIPTION

FUND & PROJECT GRANT NUMBER SM494150000		PROJECT/PROGRAM TITLE & LOCATION Infiltration/Inflow Reduction Program	
DIVISION/ SECTION DEPARTMENT OF PUBLIC WORKS / INFRASTRUCTURE SERVICES			
DATE 3/14/2014	PREPARED BY/PHONE Timothy J. Thur / 286-2463		
PROJECT/PROGRAM DESCRIPTION AND JUSTIFICATION			
<p>Infiltration and Inflow is often referred to as I/I and is the occurrence of stormwater or ground water entering into municipal wastewater systems. This extraneous water enters the sanitary sewer system through cracked pipes, leaking manholes as well as downspouts, sump pumps and foundation drains from homes that are connected directly to the sanitary sewer system. Once this stormwater enters the sanitary sewer it adds to the daily volume of wastewater that must be collected, pumped and treated by the Milwaukee Metropolitan Sewerage District (MMSD).</p> <p>When too much excess water enters our sewers as Infiltration or Inflow the following problems may occur:</p> <ul style="list-style-type: none"> • Sewage may backup into residents homes creating a health hazard and an expensive cleanup of their property; • Sewage may overflow from manholes or bypass treatment facilities contaminating properties as well as rivers and Lake Michigan; • Infiltration and inflow will use up existing hydraulic capacity in our sewers which will restrict the opportunity for growth; • Excessive water in our sewers will decrease the efficiency of MMSD's treatment plants and will result in higher operating costs of these plants as well as increased utility bills to residents. <p>Since December 2005, the City of Milwaukee and 27 other communities served by MMSD and Wisconsin Department of Justice (DOJ) agreed to a Stipulation that had a goal of addressing overflows in these communities. According to the stipulation, the City was ordered to perform certain corrective actions, chief among which is to inspect the City's sanitary manholes once every five years and to perform any needed corrective actions within 18 months of discovery.</p> <p>Also, the City will undertake projects in compliance with current state and federal regulations, and to implement the MMSD's 2020 Facilities Plan, as adopted by the DNR. The MMSD established limits for peak hourly flow rates in January 2010, as part of Chapter 3, sec.3.201, MMSD Rules. MMSD has require additional rehabilitation work by the City to execute corrective action in metersheds exceeding the peak hourly flow rate established in Chapter 3.</p> <p>If funds are not approved the following results may occur:</p> <ul style="list-style-type: none"> • Sewage may backup into residents homes creating a health hazard and an expensive cleanup of their property; • Sewage may overflow from manholes or bypass treatment facilities contaminating properties as well as rivers and Lake Michigan; • Infiltration and inflow will use up existing hydraulic capacity in our sewers which will restrict the opportunity for growth; • Excessive water in our sewers will decrease the efficiency of MMSD's treatment plants and will result in higher operating costs of these plants as well as increased utility bills to residents. • The City will not be able to do the required work as mentioned above, and will not only be out of compliance with MMSD's 2020 Facilities Plan, but also violate the DOJ stipulation entered into in 2005. These violations would result in fines and possibly lost of grant funding. 			

Capital Improvement Request Form Part I

Project/Program Title: Infiltration/Inflow Reduction Program
 Prepared By/Phone Ext: Timothy J. Thur / 286-2463
 Account No: SM494150000

Requesting Department: Department of Public Works - Infrastructure Services
 Department Head Signature: *Gheenan Kuhn*

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2014-2019 2015-2020 Yes, Modified New Request

F) Project/Program Justification

Please see attached sheet.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Department of Public Works - Infrastructure Services Account No: SM494150000
 Project/Program Title: Infiltration/Inflow Reduction Program

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request		\$1,800,000			\$5,000,000	\$6,800,000
2016 Projection		\$1,800,000			\$7,000,000	\$8,800,000
2017 Projection		\$1,800,000			\$7,000,000	\$8,800,000
2018 Projection		\$1,800,000			\$7,000,000	\$8,800,000
2019 Projection		\$1,800,000			\$7,000,000	\$8,800,000
2020 Projection		\$1,800,000			\$7,000,000	\$8,800,000
Total Six Year Cost	\$0	\$10,800,000	\$0	\$0	\$40,000,000	\$50,800,000
Total Project Cost	\$0	\$10,800,000	\$0	\$0	\$40,000,000	\$50,800,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

Thorough Cost Estimate	<input type="checkbox"/>	2015	<input type="checkbox"/>	2016	<input type="checkbox"/>	2017	<input type="checkbox"/>	2018	<input type="checkbox"/>	2019	<input type="checkbox"/>	2020	<input type="checkbox"/>
Limited Information	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Based on Cost of Similar Projects	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Unsupported	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: On Going

Department Head Signature



Prepared By/Phone Ext

Timothy J. Thur / 286-2463

CIC - Capital Improvement Request Part III

Department: DPW / Infrastructure Services	Date Submitted: 3/14/2014
Project/Program: Infiltration/Inflow Reduction Program	
Prepared By: Timothy J. Thur	Current Request: \$5,000,000.00
Dept Head:	6 Yr Total: \$50,800,000.00

General Project/Program Description:

This program is to reduce Infiltration / Inflow (I/I) into the sanitary sewer system. As I/I enters into the City's sanitary system the following problems may occur: sewage may backup into residents homes creating a health hazard and an expensive cleanup of their property, sewage may overflow from manholes or bypass treatment facilities contaminating properties as well as rivers and Lake Michigan.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

When too much excess water enters our sewers as Infiltration or Inflow the following problems may occur:
 • Sewage may backup into residents homes creating a health hazard and an expensive cleanup of their property;
 • Sewage may overflow from manholes or bypass treatment facilities contaminating properties as well as rivers and Lake Michigan.

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
X				Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Since December 2005, the City of Milwaukee and 27 other communities served by MMSD and Wisconsin Department of Justice (DOJ) agreed to a Stipulation that had a goal of addressing overflows in these communities.

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
	X			Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction or increase in energy use?
		X		Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

If funding for this project not approved the City will not be able to do the required work and will be out of compliance with MMSD's 2020 Facilities Plan.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Infiltration/Inflow Reduction

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plan adopted by the Common Council are available on DCD's website
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
X				Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
X				Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

The Infiltration and Inflow program is a necessary function of City government because it is critical to public health and safety, reduces lake and river pollution, preserves neighborhood vitality and is needed for new growth and development.

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		X		How does the request affect the pertinent replacement cycle? Provide specifics below.
X				Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
X				Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
X				Does the project incorporate new technology that will provide enhanced service?
X				Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Infiltration and Inflow becomes more problematic as existing facilities reach their useful life. Although certain defects are tolerated, it is not acceptable to wait for failure to occur before taking corrective action. The reasons for taking preventive action are the public health threat, potential liability, unnecessary neighborhood disruptions and potentially large expenses from basement backwaters or surface flooding.

Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
X				Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
X				Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Sewage backups into residential homes and businesses create a health hazard and expensive cleanup of their respective properties. In order for economic and community development to grow we must provide a sound and reliable infrastructure system.

Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
X				Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

MMSD's 2020 Facilities Plan as adopted by the DNR has require additional rehabilitation work by the City to execute corrective action in selected metershed in a timely manner.

2014 DPW CAPITAL IMPROVEMENT PROJECT/PROGRAM DESCRIPTION

FUND & PROJECT GRANT NUMBER <p style="text-align: center; margin: 0;">SM493150000</p>	PROJECT/PROGRAM TITLE & LOCATION <p style="text-align: center; margin: 0;">Water Quality Projects to meet Total Maximum Daily Load (TMDL) Requirements</p>
DIVISION/ SECTION <p style="margin: 0;">DEPARTMENT OF PUBLIC WORKS / INFRASTRUCTURE SERVICES</p>	
DATE	PREPARED BY/PHONE
3/14/2014	Tim Thur / 286-2463
<u>PROJECT/PROGRAM DESCRIPTION AND JUSTIFICATION</u>	
<p>Impaired water bodies, those that do not meet the Wisconsin DNR water quality standards, have been identified in the Milwaukee, Menomonee and Kinnickinnic watersheds. The impairments relate to Total Suspended Solids (TSS) (associated with a wide variety of material, such as silt, decaying plant and animal matter, industrial wastes, and sewage), bacteria (which is associated with human /animal waste) and total phosphorus (from "nonpoint" or "runoff" pollution such as when heavy rains and melting snow wash over farm fields and feedlots and carry fertilizer, manure and soil into lakes and streams, or carry phosphorus-containing contaminants from urban streets and parking lots.)</p> <p>Work is currently underway on Total Maximum Daily Loads (TMDLs) which will address the TSS, bacteria and phosphorus-related impairments in the Menomonee, Milwaukee, and Kinnickinnic River watersheds and the estuary area.</p> <p>In order to address TMDL requirements, the City of Milwaukee will continue to construct various Best Management Practices (BMPs) such as green streets, rain gardens, wet detention ponds, bioinfiltration areas, and end of pipe treatments throughout the separated storm sewer system area in the City of Milwaukee.</p> <p>The BMPs will help improve the quality of stormwater runoff discharged into the public waterways and improve the general health of the watersheds or the drainage areas. This will be a continuous project that is anticipated to last until the TMDL goals are met.</p>	

Capital Improvement Request Form Part I

Project/Program Title: Water Quality Projects to meet TMDL Requirements
 Prepared By/Phone Ext: Tim Thur / 286-2463
 Account No: SM493150000

Requesting Department: DEPARTMENT OF PUBLIC WORKS/ INFRASTRUCTURE SERVICES
 Department Head Signature: *Gabe...*

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes 2014-2019 2015-2020 Yes, Modified New Request

F) Project/Program Justification

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DEPARTMENT OF PUBLIC WORKS / INFRASTRUCTURE SERVICES Account No: SM493150000
 Project/Program Title: Water Quality Projects to meet TMDL Requirements

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$1,000,000	\$1,000,000
2016 Projection					\$500,000	\$500,000
2017 Projection					\$500,000	\$500,000
2018 Projection					\$500,000	\$500,000
2019 Projection					\$500,000	\$500,000
2020 Projection					\$500,000	\$500,000
Total Six Year Cost	\$0	\$0	\$0	\$0	\$3,500,000	\$3,500,000
Total Project Cost	\$0	\$0	\$0	\$0	\$3,500,000	\$3,500,000

Life to Date Expenditures (Project Only)

	2015	2016	2017	2018	2019	2020
Available Cost Estimate:						
Thorough Cost Estimate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15
 Estimated Completion Date: on-going

Department Head Signature: *Gherson Kubru*
 Prepared By/Phone Ext: Tim Thur / 2463

CIC - Capital Improvement Request Part III

Department: DPW/Infrastructure Services	Date Submitted: 3/14/2014
Project/Program: Water Quality Projects to meet Total Maximum Daily Load (TMDL) Requirements	
Prepared By: Tim Thur	Current Request: \$1,000,000
Dept Head:	6 Yr Total: \$3,500,000

General Project/Program Description:
 The City addresses TMDL (Total Maximum Daily Load) requirements by constructing various Best Management Practices (BMPs) such as green streets, rain gardens, wet detention ponds, bioinfiltration areas, and end of pipe treatments throughout the separated storm sewer system. The BMPs will help reduce TSS, bacteria and phosphorus-related impairments in the Menomonee, Milwaukee, and Kinnickinnic River watersheds and the estuary area.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate?
X				Does the project promote long-term regulatory compliance?
X				Will there be a serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction in energy use?
		X		Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Water Quality Projects to meet Total Maximum Daily Load (TMDL) Requirements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - <i>Comprehensive Area Plans adopted by the Common Council are available on DCD's website</i>
X				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
X				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
X				Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
X				Does the project target the quality of life of all citizens?
	X			Does the project preserve or improve the historical or natural heritage of the City?
X				Is the project consistent with established community character?
	X			Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - <i>Primarily recurring infrastructure and facility preservation programs</i>
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
	X			Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	X			Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
X				Does the project have the potential to promote economic/community development in areas where growth is desired?
X				Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
	X			Would an alternate location for this project provide a greater positive economic impact?
	X			Will the project produce desirable jobs in the City?
	X			Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
X				Are there critical timing issues associated with this project?
X				Are there inter-jurisdictional considerations?
X				Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

2014 DPW CAPITAL IMPROVEMENT PROJECT/PROGRAM DESCRIPTION

FUND & PROJECT GRANT NUMBER		PROJECT/PROGRAM TITLE & LOCATION Flood Mitigation Program <i>Ghesa Kubm</i>	
DIVISION/ SECTION DEPARTMENT OF PUBLIC WORKS / INFRASTRUCTURE SERVICES			
DATE		PREPARED BY/PHONE	
3/10/2014		Tim Thur / 286-2463	
<p><u>PROJECT/PROGRAM DESCRIPTION AND JUSTIFICATION</u></p> <p>The City of Milwaukee is responsible for collecting and conveying storm water runoff from public and private properties to local streams, rivers, and ultimately to Lake Michigan. Areas of the City periodically experience excessive surface flooding during heavy rain events. Surface flooding can cause significant property damage, and is also a health and safety risk for the public. Excess stormwater runoff can also enter sanitary sewers, causing basement back-ups by overwhelming the sanitary sewers. The City has determined that in areas with repeated surface flooding, additional measures may be required to mitigate the flooding risk.</p> <p>The Dineen Park Neighborhood and surrounding areas to the east have experienced repeated occurrences of surface flooding in the past 10 years. In response, the City of Milwaukee partnered with Milwaukee County and the Milwaukee Metropolitan Sewerage District (MMSD) to commission a study to address the development of potential solutions. The Dineen Park Neighborhood Stormwater Study examined various options for mitigating the flood risks in the Dineen park neighborhood. The preferred option is to construct a stormwater detention facility within Dineen Park. This program aims to provide the funding for this stormwater detention project.</p> <p>Failure to provide funding for this program will result in:</p> <ul style="list-style-type: none"> • Increased risk to private property from flooding. • Increase risk to public health due to flood damage in basements. • Increase risk of basement back-ups due to stormwater entering and overwhelming the sanitary sewer system. 			

Capital Improvement Request Form Part I

Department of Public Works -
Infrastructure Services

Project/Program Title: Flood Mitigation Program

Requesting Department:

Prepared By/Phone Ext: Tim Thur, 286-2463

Department Head Signature: *Chelsea Kuhn*

Account No: _____

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: Department of Public Works - Infrastructure Services

Project/Program Title: Flood Mitigation Program

Account No: _____

Year	Special Assessment				Total Cost
	Tax Levy/Borrowing	Grant & Aid	Revenue	Enterprise	
Remaining Balance for 2014					\$0
2015 Budget Request				\$2,500,000	\$2,500,000
2016 Projection				\$0	\$0
2017 Projection				\$0	\$0
2018 Projection				\$0	\$0
2019 Projection				\$0	\$0
2020 Projection				\$0	\$0
Total Six Year Cost	\$0	\$0	\$0	\$2,500,000	\$2,500,000
Total Project Cost	\$0	\$0	\$0	\$2,500,000	\$2,500,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information 2015 2016 2017 2018 2019 2020
- Based on Cost of Similar Projects 2015 2016 2017 2018 2019 2020
- Unsupported 2015 2016 2017 2018 2019 2020

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: 12/31/15

Department Head Signature

Charles Kuban

Prepared By/Phone Ext

Tim Thur / 2463

CIC - Capital Improvement Request Part III

Department: Department of Public Works - Infrastructure Services
 Project/Program: Flood Mitigation Program
 Prepared By: Tim Thur
 Dept Head: _____

Date Submitted: 3/10/2014
 Current Request: \$2,500,000
 6 Yr Total: \$2,500,000

General Project/Program Description:

Areas of the City periodically experience excessive surface flooding during heavy rain events, causing significant property damage, and posing a health and safety risk for the public. Excess stormwater runoff can also cause basement back-ups by overwhelming the sanitary sewers. This program aims to fund a stormwater detention pond to mitigate flood risks.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
X				Does the project mitigate an immediate risk?

Comments / Other Considerations:

Stormwater detention ponds reduce the risk of surface flooding during storm events.

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
	X			Does the project promote long-term regulatory compliance?
	X			Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
X				Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
X				Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction in energy use?
		X		Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

The stormwater detention pond will be located on Milwaukee County property.

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Flood Mitigation Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
x				Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
x				Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
x				Does the project increase or enhance recreational opportunities and/or green space?
x				Will the project mitigate blight?
x				Does the project target the quality of life of all citizens?
		x		Does the project preserve or improve the historical or natural heritage of the City?
		x		Is the project consistent with established community character?
		x		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
x				Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?

Comments / Other Considerations:

Stormwater detention facilities reduce the risk of flooding, promote better water quality, and thereby create a better quality of life for the affected residents

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		x		How does the request affect the replacement cycle? Provide specifics below.
x				Has the facility being replaced exceeded its useful life?
x				Does this project extend the useful life of an existing facility?
	x			Do maintenance costs exceed replacement costs?
		x		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
	x			Does the project incorporate new technology that will provide enhanced service?
		x		Does the project extend service for new development or redevelopment?
x				Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Stormwater detention facilities do not have a regular replacement cycle.

Yes	No	N/A	Amount	Economic / Community Development
x				Does the project have the potential to promote economic/community development in areas where growth is desired?
x				Will the project continue to promote or enhance economic/community development in an already developed area?
x				Is the net impact of the project positive?
		x		Would an alternate location for this project provide a greater positive economic impact?
x				Will the project produce desirable jobs in the City?
x				Will the project rejuvenate an area that needs assistance?
		x		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Reducing flooding can have a direct impact on quality of life for residents and businesses.

Yes	No	N/A	Amount	Special Considerations
	x			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
x				Are there critical timing issues associated with this project?
x				Are there inter-jurisdictional considerations?
	x			Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

Department of Public Works Environmental Engineering Section



2015 PRELIMINARY PROGRAM



Jeffrey S. Polenske
City Engineer

Timothy J. Thur
Engineer in Charge

Zafar Yousuf
Sewer Design Manager

March 17, 2014

2015 PRELIMINARY SEWER PROGRAM

Summation of Sewer Projects

Programmed for 2015

Page

Program Cost

Sewer Maintenance Relay

I. Paving Related Projects	3	\$2,631,000
II. Non-Paving Related Projects	4-7	\$26,569,000
III. Preliminary Engineering for 2016 Projects	7	\$1,500,000
IV. Fringe Benefits	7	\$800,000
V. Paving Related Sewer Structure Work	7	\$1,500,000
Total Sewer Maintenance Relay		\$33,000,000

Sanitary Pump Rehabilitation Project

I. Sanitary Bypass Pump Rehabilitation	8	\$500,000
II. Bypass Pump & Lift Stations Inspection/Testing	8	\$150,000
III. Fringe Benefits	8	\$50,000
Sanitary Pump Rehabilitation Project		\$700,000

I/I Reduction Projects

I. I/I Reduction Projects	9	\$3,400,000
II. Sanitary Manhole Inspection	9	\$100,000
III. Sanitary Manhole Rehabilitation	9	\$900,000
IV. Fringe Benefits	9	\$300,000
V. Reserves	9	\$300,000
City I/I Reduction Projects		\$5,000,000

MMSD Grant \$1,750,000

Total I/I Reduction Projects **\$6,750,000**

Channel Maintenance **\$200,000**

Water Quality Projects **\$1,000,000**

Flood Mitigation Program **\$2,500,000**

Total 2015 PRELIMINARY Sewer Program **\$44,150,000**

2015 PRELIMINARY SEWER PROGRAM

DRAFT

NO.	LOCATION	SEWER MAINTENANCE RELAY FUND NUMBER 0491-6831-635505 SM49515000	PROGRAM COST		REASON*	INDEX RATING
		NON-ASSESSABLE	TYPE			
SEWER MAINTENANCE RELAY: PAVING RELATED PROJECTS						
1 -	ALLEYS (E/W) - B/B W CLYBOURN AVE, W MICHIGAN ST, N PLANKINTON AVE & N 002ND ST		\$241,000	COMBINED RELAY	S	26
2 -	S 035TH ST - 300'+/- SOUTH OF W BURNHAM ST TO 300'+/- NORTH OF W BURNHAM ST		\$166,000	STORM RELAY	S	40
3 -	W MONARCH PL - 230'+/- EAST OF N 043RD ST TO 130'+/- WEST OF N 045TH ST		\$113,000	SANITARY RELAY & LINING	S	41
4 -	S 034TH ST - W ROGERS ST TO W BECHER ST		\$148,000	STORM LINING	S	43
5 -	W HARRISON AVE - 120' EAST OF S 013TH ST TO S 016TH ST		\$646,000	COMBINED RELAY/LD LINING & STORM NEW	S & BW	44
6 -	W LINCOLN AVE - S 035TH ST TO S 037TH ST		\$282,000	SANITARY & STORM RELAY	S	44
7 -	S KINNICKINNIC AVE - S CALIFORNIA ST TO 300'+/- SOUTH OF S CALIFORNIA ST		\$59,000	COMBINED LINING	S	45
8 -	W BURNHAM ST - S 035TH ST TO 350'+/- EAST OF SOUTH 035TH ST		\$216,000	STORM RELAY	S	47
9 -	S WATER ST - E FLORIDA ST TO E VIRGINIA ST(VACATED)		\$38,000	COMBINED LINING	S	51
10 -	W WISCONSIN AVE - N 045TH ST TO N 046TH ST		\$95,000	SANITARY LINING	S	58
11 -	N 076TH ST - W CARMEN AVE W FLORIST AVE		\$86,000	SANITARY LINING		62
12 -	ALLEY B/B E FIEBRANTZ AVE, N HUBBARD ST, N RICHARDS ST, LANDS NORTH		\$70,000	STORM NEW SEWER	SV	62
13 -	W TRENTON PL - 300'+/- EAST OF N 060 TH ST TO W VALLEY FORGET DR		\$164,000	SANITARY & STORM RELAY	S	62
14 -	W FOREST HOME AVE - S 041 ST ST TO W OKLAHOMA AVE		\$307,000	SANITARY & STORM LINING	S	62
SUBTOTAL SEWER MAINTENANCE RELAY (PAVING RELATED)			\$2,631,000			

* BW = BACKWATER; D = DRAINAGE; EX = EXTENSION; H = HYDRAULICS; S = STRUCTURAL; SV = SERVICE; REL = RELOCATION; LD = LARGE DIAMETER

2015 PRELIMINARY SEWER PROGRAM

DRAFT

NO.	LOCATION	SEWER MAINTENANCE RELAY		PROGRAM COST		REASON*	INDEX RATING
		FUND NUMBER 0491-6831-635505	SM495150000	NON-ASSESSABLE	TYPE		
SEWER MAINTENANCE RELAY: NON-PAVING RELATED PROJECTS							
1 -	ABB: W CONGRESS ST TO W HOPE ST AND N 027TH ST TO SOO LINE RAILROAD (N 033TH ST EXTENDED)			\$3,000,000	NEW STORM SEWER	H	
2 -	W WALKER ST - S 001ST ST TO S 002ND ST			\$84,000	COMBINED RELAY	S	29
3 -	W WRIGHT ST - N PALMER AVE TO N BUFFUM ST			\$188,000	COMBINED RELAY	S	35
4 -	W VIRGINIA ST (VARIOUS) - S 002ND ST TO S 005TH ST			\$182,000	COMBINED RELAY	S	36
5 -	E CLARKE ST - N HUBBARD ST TO N RICHARDS ST			\$83,000	COMBINED RELAY	S	37
6 -	N ASTOR ST - E PLEASANT ST TO E KEWAUNEE ST			\$85,000	COMBINED RELAY	S	39
7 -	N BROADWAY - E WELLS ST TO E ST PAUL AVE			\$893,000	COMBINED LINING & RELAY	S	40
8 -	N JACKSON ST - E OGDEN AVE TO E JUNEAU AVE			\$172,000	COMBINED LINING	S	40
9 -	E KILBOURN ST - N JACKSON ST TO N VAN BUREN ST			\$594,000	COMBINED RELAY & LINING & SANITARY LINING	S	40
10 -	E OGDEN AVENUE - N JACKSON ST TO N FARWELL AVE			\$435,000	COMBINED RELAY & LINING & SANITARY LINING	S	40
11 -	E ST PAUL AVE - N 4TH ST TO N BROADWAY			\$472,000	COMBINED LINING-LD & SANITARY LINING	S	40
12 -	E STATE ST - N JACKSON ST TO N VAN BUREN ST			\$113,000	SANITARY & COMBINED LINING	S	40
13 -	N VAN BUREN ST (VARIOUS LOCATIONS) - E OGDEN AVE TO E WELLS ST			\$472,000	COMBINED RELAY & LINING	S	40
14 -	S WATER ST - 170'+/- NORTH OF E FLORIDA ST TO E FLORIDA ST			\$58,000	COMBINED LD LINING	S	40
15 -	E WELLS ST - N VAN BUREN ST TO N BROADWAY			\$533,000	COMBINED LINING-LD & SANITARY LINING	S	40
16 -	S 004TH ST - 85'+/- NORTH OF W FLORIDA ST TO W VIRGINIA ST			\$190,000	COMBINED RELAY	S	41
17 -	N 027TH ST - 110'+/- SOUTH OF W STARK ST TO W LANCASTER AVE			\$266,000	SANITARY RELAY	S & BW	41
18 -	N CASS ST - E BRADY ST TO E PLEASANT ST			\$199,000	COMBINED RELAY	S	41
19 -	N CASS ST - E MASON ST TO E WELLS ST			\$97,000	COMBINED RELAY	S	41
20 -	W OKLAHOMA AVE - S 024TH ST TO S 035TH ST			\$800,000	SANITARY & STORM RELAY	S	41

* BW = BACKWATER; D = DRAINAGE; EX = EXTENSION; H = HYDRAULICS; S = STRUCTURAL; SV = SERVICE; REL = RELOCATION; LD = LARGE DIAMETER

2015 PRELIMINARY SEWER PROGRAM

DRAFT

NO.	LOCATION	SEWER MAINTENANCE RELAY FUND NUMBER 0491-6831-635505 SM49515000		PROGRAM COST		REASON*	INDEX RATING
				NON-ASSESSABLE	TYPE		
21	N 004TH ST - W CLYBOURN AVE TO W HIGHLAND AVE			\$1,174,000	COMBINED & SANITARY LINING	S	42
22	N MILWAUKEE ST - 65'+/- NORTH OF E CLYBOURN ST TO E CLYBOURN ST			\$37,000	COMBINED RELAY	S	42
23	N 026TH ST - W HADLEY ST TO W CHAMBERS ST			\$179,000	COMBINED RELAY	S	43
24	E KEWAUNEE ST - N CASS ST TO N ASTOR ST			\$113,000	COMBINED RELAY	S	43
25	W SCOTT ST - S 036TH ST TO S 038TH ST			\$271,000	COMBINED RELAY	S	43
26	S 004TH ST - W BECHER ST TO S CHASE AVE			\$500,000	COMBINED LD LINING & RELAY	S	44
27	S 004TH ST - W WASHINGTON ST TO W MINERAL ST			\$120,000	COMBINED RELAY	S & BW	44
28	S 020TH ST - W PIERCE ST TO W NATIONAL AVE			\$326,000	COMBINED LD LINING	S	44
29	N 056TH ST - W PARKWAY DR TO 155'+/- SOUTH OF W HAMPTON AVE			\$69,000	SANITARY LINING	S	44
30	W FOND DU LAC AVE - N 036TH ST TO N 038TH ST			\$190,000	SANITARY RELAY	S	44
31	W MCKINLEY AVE - N 024TH ST TO N 024TH PL			\$82,000	COMBINED RELAY	S	44
32	W FLORIDA ST - S 004TH ST TO S 005TH ST			\$74,000	COMBINED RELAY	S	44
33	S 001ST ST - W NATIONAL AVE TO W MINERAL ST			\$190,000	COMBINED RELAY	S	45
34	W MONTANA ST - S 006TH TO S 009TH ST			\$381,000	COMBINED & SANITARY LINING	S	45
35	W MEINECKE AVE - N 024TH PL TO N 026TH ST			\$314,000	COMBINED & LINING	S	45
36	N 019TH ST - 149'+/- SOUTH OF W WISCONSIN AVE TO W CLYBOURN ST			\$153,000	COMBINED RELAY	S	45
37	S 037TH ST - W LINCOLN AVE TO W GRANT ST			\$48,000	STORM LINING	S	45
38	N 041ST ST - W LANCASTER AVE TO 370' +/- NORTH OF W LANCASTER			\$30,000	SANITARY LINING	S	45
39	N PROSPECT AVE - E ALBION ST TO E ROYALL PL			\$196,000	COMBINED LINING	S	45
40	E VOLLMER AVE - S ELLEN ST TO S KINNICKINNIC AVE			\$161,000	SANITARY & STORM RELAY	S	45
41	W BURLEIGH ST - N 008TH ST TO N 009TH ST			\$382,000	COMBINED RELAY & LINING	S	46
42	N 049TH ST - W KEEFE AVE TO W VIENNA ST			\$282,000	SANITARY RELAY	S	46
43	W HADLEY ST - N 001ST ST TO N DR MARTIN LUTHER KING JR DR			\$308,000	COMBINED RELAY	S	46
44	W WALNUT ST - N 017TH ST TO N 019TH ST			\$122,000	COMBINED RELAY	S & BW	46
45	S 003RD ST - W HOWARD AVE TO WE ENERGIES ROW			\$54,000	SANITARY LINING	S & BW	47

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2015 PRELIMINARY SEWER PROGRAM

DRAFT

NO.	LOCATION	SEWER MAINTENANCE RELAY FUND NUMBER 0491-6831-635505 SM495150000	PROGRAM COST		REASON*	INDEX RATING
			NON-ASSESSABLE	TYPE		
46	W GLENDALE AVE - N 044TH ST TO N 045TH ST		\$32,000	SANITARY LINING	S	47
47	W VILLARD AVE - N 105TH ST TO N 107TH ST		\$144,000	SANITARY LINING	S H & BW	47
48	W CLYBOURN ST - N 006TH ST TO N 007TH ST		\$95,000	COMBINED RELAY	S	48
49	W MCKINLEY AVE - N 019TH ST TO N 021ST ST		\$162,000	COMBINED LINING	S	48
50	W MOLTKE AVE - W APPLETON AVE TO N 068TH ST		\$314,000	SANITARY RELAY	S	48
51	W MONROE ST - W TAMARACK ST TO W CENTER ST		\$505,000	COMBINED RELAY	H	48
52	W NATIONAL AVE - S 020TH ST TO S 023RD ST		\$409,000	COMBINED LD LINING	S	48
53	W PIERCE ST - S 020TH ST TO W REYNOLDS PL		\$169,000	COMBINED LD LINING	S	48
54	N 022ND ST - W LOCUST ST TO W CHAMBERS ST		\$195,000	COMBINED RELAY	H	49
55	N 023RD ST - W CHAMBERS ST TO W BURLEIGH ST		\$250,000	COMBINED RELAY	H	49
56	N 033RD ST - W BURLEIGH ST TO W AUER AVE		\$396,000	COMBINED RELAY	H	49
57	N 034TH ST - W GARFIELD ST TO W NORTH AVE		\$192,000	COMBINED RELAY	H	49
58	N 041ST ST - W CENTER ST TO W HADLEY ST		\$308,000	COMBINED RELAY	H	49
59	N 050TH ST - W LOCUST ST TO W CHAMBERS ST		\$128,000	SANITARY RELAY	S	49
60	N 064TH ST - 160' SOUTH OF WEST MOLTKE AVE TO WEST MOLTKE AVE		\$38,000	SANITARY RELAY & STORM REPAIR	S	49
61	INTERSECTION OF N 087TH ST AND W CHAMBERS ST		\$20,000	STORM RELAY	S	49
62	W KEEFE AVE- N 018TH ST TO N 022TH ST		\$2,161,000	COMBINED LINING	H	49
63	W ORCHARD ST - S 021ST ST TO S 023RD ST		\$111,000	COMBINED LD LINING	H	49
64	E WISCONSIN AVE - N WATER ST TO N BROADWAY		\$210,000	COMBINED RELAY	S	49
65	N 008TH ST - W BURLEIGH ST TO W RING ST		\$242,000	COMBINED LD	S	50
66	N 021ST ST - W CLARK ST TO W CENTER ST		\$375,000	COMBINED RELAY	S	50
67	N PROSPECT AVE - E OGDEN AVE TO E CURTIS PL		\$429,000	COMBINED LINING & STORM RELAY	S	50
68	N 107TH ST - 150' +/- N OF W LANCASTER AVE TO W VILLARD AVE		\$96,000	SANITARY LINING	S & H	51
69	W KILBOURN AVE - N 016TH ST TO 110' +/- EAST OF N 017TH ST		\$66,000	COMBINED RELAY	S	51
70	N 015TH ST - W GALENA ST TO W WALNUT ST		\$215,000	COMBINED RELAY	S	52
71	N VAN BUREN ST - E MICHIGAN ST TO E MASON ST		\$125,000	COMBINED LINING	S	52

* BW = BACKWATER; D = DRAINAGE; EX = EXTENSION; H = HYDRAULICS; S = STRUCTURAL; SV = SERVICE; REL = RELOCATION; LD = LARGE DIAMETER

2015 PRELIMINARY SEWER PROGRAM

DRAFT

NO.	LOCATION	SEWER MAINTENANCE RELAY FUND NUMBER 0491-6831-635505 SM495150000	PROGRAM COST			INDEX
			NON-ASSESSABLE	TYPE	REASON*	RATING
72 -	N 009TH ST - W BURLEIGH ST TO W RING ST		\$620,000	COMBINED	S	53
73 -	N 032 ND ST - W CHERRY ST TO W LISBON AVE		\$485,000	COMBINED RELAY	S	53
74 -	SEWER EASEMENT (N/S) B/W N DELTA PL, N EDGEWORTH DR, N PORT AVE, AND W BRADLEY RD		\$1,400,000	NEW STORM SEWER	H	53
75 -	N 024TH PL - W LISBON AVE TO W VINE ST		\$178,000	NEW STORM SEWER	BW	53
76 -	W BECHER ST - S 016TH ST TO S 020TH ST		\$977,000	COMBINED	S	53
77 -	E BAY ST - S WINCHESTER ST TO S KINNICKINNIC AVE		\$850,000	COMBINED RELAY	S	53
SUBTOTAL SEWER MAINTENANCE RELAY			\$26,569,000			
SUBTOTAL SEWER MAINTENANCE RELAY (PAVING)			\$2,631,000			
SUBTOTAL SEWER MAINTENANCE RELAY (PAVING & NON-PAVING)			\$29,200,000			
<u>OTHER SEWER MAINTENANCE RELAY AMOUNTS:</u>						
	PRELIMINARY ENGINEERING FOR 2016 PROJECTS		\$1,500,000			
	PAVING RELATED SEWER STRUCTURE WORK		\$1,500,000			
	FRINGE BENEFITS		\$800,000			
TOTAL SEWER MAINTENANCE RELAY PROGRAM			\$33,000,000			

* BW = BACKWATER; D = DRAINAGE; EX = EXTENSION; H = HYDRAULICS; S = STRUCTURAL; SV = SERVICE; REL = RELOCATION; LD= LARGE DIAMETER

2015 PRELIMINARY SEWER PROGRAM

DRAFT

NO.	LOCATION	SANITARY PUMP REHABILITATION PROJECT FUND NUMBER 0491-6831-635505 SM497150100	PROGRAM COST NON-ASSESSABLE	TYPE	REASON*	INDEX. RATING
SANITARY PUMP REHABILITATION PROJECT: NON-PAVING RELATED PROJECTS						
1 -	2014 SANITARY BYPASS PUMP REHABILITATION		\$500,000	SANITARY/STORM	SV	
2 -	BYPASS PUMP AND LIFT STATIONS INSPECTIONS AND BYPASS PUMP TESTING		\$150,000	SANITARY/STORM	SV	
SUBTOTAL SANITARY PUMP REHABILITATION PROJECT			\$650,000			
<u>OTHER SANITARY PUMP REHABILITATION PROJECT AMOUNTS:</u>						
	FRINGE BENEFITS		\$50,000			
TOTAL SANITARY PUMP REHABILITATION PROJECT			\$700,000			

* BW = BACKWATER; D = DRAINAGE; EX = EXTENSION; H = HYDRAULICS; S = STRUCTURAL; SV = SERVICE; REL = RELOCATION; FR = FLOW REDUCTION

2015 PRELIMINARY SEWER PROGRAM

DRAFT

COST	INFILTRATION/INFLOW REDUCTION			PROGRAM
	FUND NUMBER 0491-6831-635505			
NO.	LOCATION	NON-ASSESSABLE	TYPE	INDEX REASON* RATING
INFILTRATION/INFLOW REDUCTION: NON-PAVING RELATED PROJECTS				
1 -	2015 SANITARY MANHOLE INSPECTIONS	\$100,000	SANITARY INSPECTION	I/I
2 -	2015 SANITARY MANHOLE REHABILITATION	\$900,000	SANITARY REPAIR	I/I
3 -	AREA BOUNDED BY W CAPITOL DR, W FINN PL, N 008TH ST, N 024 TH ST	\$1,736,000	SANITARY LINING	BW
4 -	AREA BOUNDED BY W CONGRESS ST, W CAPITOL DR, N 35TH ST, N 050TH ST	\$1,664,000	SANITARY LINING	BW
SUBTOTAL INFILTRATION/INFLOW REDUCTION		\$4,400,000		

* BW = BACKWATER; D = DRAINAGE; EX = EXTENSION; H = HYDRAULICS; S = STRUCTURAL; SV = SERVICE; REL = RELOCATION; FR = FLOW REDUCTION

2015 FINAL SEWER PROGRAM

NO.	LOCATION	CHANNEL MAINTENANCE FUND FUND NUMBER 0491-6831-635505	PROGRAM COST NON-ASSESSABLE	TYPE	REASON*	INDEX RATING
CHANNEL MAINTENANCE FUND: NON-PAVING RELATED PROJECTS						
1 -	CHANNEL MAINTENANCE		\$200,000	STORM	H/D	
SUBTOTAL CHANNEL MAINTENANCE FUND			\$200,000			

* BW = BACKWATER; D = DRAINAGE; EX = EXTENSION; H = HYDRAULICS; S = STRUCTURAL; SV = SERVICE; REL = RELOCATION; FR = FLOW REDUCTION

2015 PRELIMINARY SEWER PROGRAM

DRAFT

NO.	LOCATION	WATER QUALITY FUND NUMBER 0491-6831-635505	PROGRAM COST NON-ASSESSABLE	TYPE	REASON*	INDEX: RATING
WATER QUALITY: NON-PAVING RELATED PROJECTS						
1 -	2015 BMP FOR TSS REDUCTION (NR151)		\$1,000,000			
SUBTOTAL WATER QUALITY			\$1,000,000			

* BW = BACKWATER; D = DRAINAGE; EX = EXTENSION; H = HYDRAULICS; S = STRUCTURAL; SV = SERVICE; REL = RELOCATION; FR = FLOW REDUCTION

2015 PRELIMINARY SEWER PROGRAM

DRAFT

NO.	LOCATION	FLOOD MITIGATION PROGRAM FUND NUMBER 0491-6831-635505	PROGRAM COST NON-ASSESSABLE	TYPE	REASON*	INDEX RATING
FLOOD MITIGATION: NON-PAVING RELATED PROJECTS						
1 -	DINEEN PARK FLOOD MITIGATION PROJECT		\$2,500,000			
SUBTOTAL FLOOD MITIGATION PROGRAM			\$2,500,000			

* BW = BACKWATER; D = DRAINAGE; EX = EXTENSION; H = HYDRAULICS; S = STRUCTURAL; SV = SERVICE; REL = RELOCATION; FR = FLOW REDUCTION

MILWAUKEE WATER WORKS CAPITAL IMPROVEMENTS							
2015 - 2020				Revised:	3/17/2014		2015-2020 SIX YEAR
IMPROVEMENTS	2015	2016	2017	2018	2019	2020	TOTAL
TOTAL WATER WORKS PROGRAM	\$ 17,500,000	\$ 23,990,000	\$ 30,675,000	\$ 27,805,000	\$ 27,450,000	\$ 34,000,000	\$ 161,420,000
WATER MAIN IMPROVEMENTS							
Non-Assessable Water Mains	\$ 9,750,000	\$ 10,750,000	\$ 12,750,000	\$ 15,750,000	\$ 17,150,000	\$ 17,150,000	\$ 83,300,000
Assessable Water Mains	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 600,000
Developer Water Mains	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 900,000
Total Water Main Improvements	\$ 10,000,000	\$ 11,000,000	\$ 13,000,000	\$ 16,000,000	\$ 17,400,000	\$ 17,400,000	\$ 84,800,000
Total Plant Improvements	\$ 7,500,000	\$ 12,990,000	\$ 17,675,000	\$ 11,805,000	\$ 10,050,000	\$ 16,600,000	\$ 76,620,000
PLANT IMPROVEMENTS							
1 Linnwood Plant Building Improvements	\$ 600,000	\$ 1,240,000	\$ 1,460,000	\$ 1,235,000	\$ 2,300,000	\$ 1,150,000	\$ 7,985,000
Roofs	300,000	900,000	900,000	900,000	900,000	900,000	4,800,000
Replace Sanitary Sewer	300,000						300,000
Filter Building Ceilings		140,000	560,000				700,000
Security upgrades		200,000					200,000
Admin HVAC and Windows				125,000	1,000,000		1,125,000
Instrumentation shop space				210,000			210,000
Service elevator					400,000		400,000
Repave perimeter drive						250,000	250,000
2 Linnwood Plant Treatment Improvements	\$ 2,050,000	\$ 3,400,000	\$ 2,665,000	\$ 870,000	\$ 2,700,000	\$ 5,750,000	\$ 17,435,000
Flocculator Bearings	75,000	75,000	75,000	75,000			300,000
Ozone system refurbishment - Dielectrics	175,000	175,000					350,000
Plant Residuals Handling System Analysis	200,000						200,000
Motor control centers	350,000	1,650,000	1,090,000	765,000			3,855,000
Plant Steel Pipe Mitigation	500,000	500,000					1,000,000
Side stream Ozonation	750,000						750,000
Washwater system - Pumps and VFD		200,000	1,500,000				1,700,000
Chemical feed system upgrades		300,000					300,000
Air scour/media replacement pilot quadrant		500,000					500,000
Ozone Contactor Roof				30,000	300,000		330,000
Filter influent pneumatic control valves					400,000		400,000
Advanced Processes					2,000,000	1,500,000	3,500,000
Pump room butterfly valves (East)						250,000	250,000
Filter media replacement						4,000,000	4,000,000
3 Howard Plant Building Improvements	\$ 250,000	\$ 300,000	\$ 500,000	\$ -	\$ -	\$ 750,000	\$ 1,800,000
Resurface concrete drive	250,000						250,000
Loading dock - Maintenance area		300,000	200,000				500,000
New Flow Tube			100,000				100,000
Coag building roof			100,000				100,000

Security upgrades			100,000				100,000
Machine shop upgrade						550,000	550,000
Freight elevator						200,000	200,000
4 Howard Plant Treatment Improvements	\$ 650,000	\$ 250,000	\$ 950,000	\$ 1,400,000	\$ 1,650,000	\$ 1,900,000	\$ 6,800,000
Ozone equipment refurbishment - Dielectric	150,000						150,000
Ozone side stream injection	500,000						500,000
Flocculator system upgrade		250,000	250,000	250,000	250,000		1,000,000
Clearwell plug flow			200,000	800,000			1,000,000
Chemical feed storage tank SHC			500,000				500,000
Ozone contactor roof refurbishing				350,000			350,000
Advanced Processes					200,000	1,800,000	2,000,000
Electrical system upgrades/efficiency					200,000		200,000
Filter media replacement/Air Scour					1,000,000		1,000,000
Filter effluent valve operators						100,000	100,000
5 Pump Facilities Improvements	\$ 250,000	\$ 5,300,000	\$ 5,600,000	\$ 4,700,000	\$ 2,900,000	\$ 1,050,000	\$ 19,800,000
Howard substation/switchgear	50,000	3,000,000					3,050,000
North Point tunnel compliance	200,000		2,000,000	2,000,000			4,200,000
Raw Water Pumps #3 & #4		300,000	3,000,000				3,300,000
Linnwood pump upgrades		2,000,000					2,000,000
Texas electrical upgrades, Power Monitor			100,000				100,000
Riverside pumps and valves - Study			500,000		500,000		1,000,000
Texas pump upgrades				500,000			500,000
Lincoln Substation				2,200,000			2,200,000
Various - Energy Efficiency					100,000		100,000
Various - Security Upgrades					100,000		100,000
North Point pump upgrades					500,000		500,000
Linnwood pump B (cone) valve replacement					1,700,000		1,700,000
Texas to Howard Ave Raw Water Main Inspection						100,000	100,000
Florist tank/pump station study						150,000	150,000
Oklahoma Pump and Station Upgrades						800,000	800,000
6 Storage Facilities Improvements	\$ 2,500,000	\$ 1,400,000	\$ -	\$ 3,600,000	\$ 500,000	\$ 6,000,000	\$ 14,000,000
Lincoln - Paint tanks	2,500,000						2,500,000
Linnwood north reservoir roof construction		1,400,000					1,400,000
Florist - paint tanks				3,600,000			3,600,000
Florist - Dome, Drain and Parapet Rehabilitation					500,000		500,000
Florist Elevated storage tank						6,000,000	6,000,000
7 Meter Repair Shop	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000
Meter Shop North Interior Structural/HVAC	700,000						700,000
8 Backup Power Generation	\$ -	\$ 100,000	\$ 6,500,000	\$ -	\$ -	\$ -	\$ 6,600,000
North Point		100,000	6,500,000				6,600,000
9 Capital Projects Contingencies	\$ 500,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000
Various Projects as needed basis	500,000	1,000,000					1,500,000

**MILWAUKEE WATER WORKS
2015 CAPITAL IMPROVEMENT PROGRAM**

WATER MAIN IMPROVEMENTS PROGRAM

Non-Assessable Water Mains	\$9,750,000
Assessable Water Mains	\$100,000
Developer Water Mains	\$150,000
Total Mains	<u>\$10,000,000</u>

WATER PLANTS PROGRAM

<u>PROGRAM CATEGORY</u>	<u>ESTIMATED COST</u>
1. Linnwood Plant Building Improvements	\$600,000
2. Linnwood Plant Treatment Improvements	\$2,050,000
3. Howard Plant Building Improvements	\$250,000
4. Howard Plant Treatment Improvements	\$650,000
5. Pump Facilities Improvements	\$250,000
6. Storage Facilities Improvements	\$2,500,000
7. Meter Facilities Improvements	\$700,000
8. Backup Power Generation	\$0
9. Capital Projects Contingencies	\$500,000
TOTAL WATER PLANT PROGRAM	<u>\$7,500,000</u>
TOTAL MAINS PROGRAM	\$10,000,000
TOTAL PROGRAM	<u>\$17,500,000</u>

CITY OF MILWAUKEE

2015-2020 CAPITAL IMPROVEMENTS

PROGRAM REQUESTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

CITY OF MILWAUKEE

2015-2020

WATER MAIN IMPROVEMENTS PROGRAM

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

CITY OF MILWAUKEE

2014-2019

NON-ASSESSABLE WATER MAIN PROGRAM

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2015-2020 Non-assesable Water Main Program

Requesting Department: DPW/Milwaukee Water Works

Prepared By/Phone Ext: Carrie M. Lewis/2801

Department Head Signature: *Sheena Kuban*

Account No: 04206410R999

A) Department Priority _____ of _____ Useful Life 110 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries	\$
<u>Please See Attached</u>	_____	_____	_____	_____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This program is needed to continue to provide sufficient and reliable water supply to consumers, and to protect the health of Milwaukee Citizens; to provide sufficient water for fire protection needs, and to enable consumers to obtain the lowest cost fire insurance. The Non-assesable Water Main Program replaces selected water main segments based on Water Engineering Experience Index (main breaks, anticipated useful life, field observations, etc.),hydraulic characteristics, coordination with paving or sewer projects, and water quality concerns.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2015 - 2020 Nonassessable Water Main Program

Account No: 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$9,750,000	\$9,750,000
2016 Projection					\$10,750,000	\$10,750,000
2017 Projection					\$12,750,000	\$12,750,000
2018 Projection					\$15,750,000	\$15,750,000
2019 Projection					\$17,150,000	\$17,150,000
2020 Projection					\$17,150,000	\$17,150,000
Total Six Year Cost	\$0	\$0	\$0	\$0	\$83,300,000	\$83,300,000
Total Project Cost	\$0	\$0	\$0	\$0	\$83,300,000	\$83,300,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
 - Limited Information
 - Based on Cost of Similar Projects
 - Unsupported
- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: _____

Department Head Signature

Carrie M. Lewis

Prepared By/Phone Ext

Carrie M. Lewis/2801

Sharon Kuhn 3/21/14

CIC - Capital Improvement Request Part III

Department: PUBLIC WORKS-Milwaukee Water Works	Date Submitted: 3/18/2014
Project/Program: Non-assessable Water Main Program	
Prepared By: Carrie M. Lewis, Superintendent	Current Request: \$9,750,000
Dept Head: Ghassan Korban, Commissioner	6 Yr Total: \$83,300,000

General Project/Program Description:

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
	X			Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Non-assessable Water Main Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
			Project Specific	Has the facility being replaced exceeded its useful life?
			Project Specific	Does this project extend the useful life of an existing facility?
			Project Specific	Do maintenance costs exceed replacement costs?
X				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
	X			Does the project extend service for new development or redevelopment?
			Project Specific	Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
			Project Specific	Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
			Project Specific	Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

CITY OF MILWAUKEE

2015-2020

ASSESSABLE WATER MAIN PROGRAM

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2015-2020 Assessable Water Main Program Requesting Department: DPW/Milwaukee Water Works
 Prepared By/Phone Ext: Carrie M. Lewis/2801 Department Head Signature: *Ghessan Kuhn*
 Account No: 04206410R999 *ML*

A) Department Priority _____ of _____ Useful Life 110 Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair On-Going Program Project/Program Scope Fully Defined Partially Defined
 Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries	\$
<u>Please See Attached</u>	_____	_____	_____	_____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	_____	_____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 This program is needed to provide sufficient and reliable water supply to locations where water mains are not currently installed. This program is needed to continue to provide sufficient and reliable water supply to consumers, and to protect the health of Milwaukee Citizens; to provide sufficient water for fire protection needs, and to enable consumers to obtain the lowest cost fire insurance.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2015 - 2020 Assessable Water Main Program

Account No: 04206410R999

Year	Tax Levy/Borrowing		Grant & Aid		Revenue		Special Assessment		Enterprise	Total Cost
Remaining Balance for 2014										\$0
2015 Budget Request									\$100,000	\$100,000
2016 Projection									\$100,000	\$100,000
2017 Projection									\$100,000	\$100,000
2018 Projection									\$100,000	\$100,000
2019 Projection									\$100,000	\$100,000
2020 Projection									\$100,000	\$100,000
Total Six Year Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000	\$600,000
Total Project Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000	\$600,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0
-----	-----	-----	-----

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: _____

Department Head Signature

Prepared By/Phone Ext

Carrie M. Lewis 3/21/14

Carrie M. Lewis
Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwaukee Water Works	Date Submitted:	3/18/2014
Project/Program:	Assessable Water Main Program		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$100,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	\$600,000

<u>General Project/Program Description:</u>

Whenever possible, **please quantify the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?
<u>Comments / Other Considerations:</u>				

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

<u>Comments / Other Considerations:</u>

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

<u>Comments / Other Considerations:</u>

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Assessable Water Main Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
X				Does the project extend service for new development or redevelopment?
			Project Specific	Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
				Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

CITY OF MILWAUKEE

2015-2020

DEVELOPER WATER MAIN PROGRAM

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2015-2020 Developer Water Main Program

Requesting Department: DPW/Milwaukee Water Works

Prepared By/Phone Ext: Carrie M. Lewis/2801

Department Head Signature: *Carrie M. Lewis*

Account No: 04206410R999

A) Department Priority _____ of _____ Useful Life 110 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries	\$
<u>Please See Attached</u>	_____	_____	_____	_____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This program is needed to provide sufficient and reliable water supply to new developments where water mains are not currently installed. This program is needed to continue to provide sufficient and reliable water supply to consumers, and to protect the health of Milwaukee Citizens; to provide sufficient water for fire protection needs, and to enable consumers to obtain the lowest cost fire insurance.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works
 Account No.: 04206410R999
Project/Program Title: 2015 - 2020 Developer Water Main Program

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$150,000	\$150,000
2016 Projection					\$150,000	\$150,000
2017 Projection					\$150,000	\$150,000
2018 Projection					\$150,000	\$150,000
2019 Projection					\$150,000	\$150,000
2020 Projection					\$150,000	\$150,000
Total Six Year Cost	\$0	\$0	\$0	\$0	\$900,000	\$900,000
Total Project Cost	\$0	\$0	\$0	\$0	\$900,000	\$900,000

Life to Date Expenditures (Project Only) \$0 \$0 \$0 \$0 \$0 \$0

Available Cost Estimate:

Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
 Limited Information
 Based on Cost of Similar Projects
 Unsupported

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: _____

Department Head Signature: _____
 Prepared By/Phone Ext: _____

Gheszian Kuban 3/24/14

[Signature]
 Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwaukee Water Works	Date Submitted:	3/18/2014
Project/Program:	Developer Water Main Program		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$150,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	\$900,000

General Project/Program Description:

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
	X			Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
X				Is there a revenue generating opportunity? (e.g. user fees)
	X			Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Developer Water Main Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
X				Does the project extend service for new development or redevelopment?
			Project Specific	Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
				Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
X				Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

CITY OF MILWAUKEE

2015-2020

WATER PLANTS PROGRAM

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

CITY OF MILWAUKEE

2015-2020

LINNWOOD PLANT BUILDING IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2015 - 2020 Linnwood Plant Building Improvements Program Requesting Department: DPW/Milwaukee Water Works
 Prepared By/Phone Ext: Carrie M. Lewis/2801 Department Head Signature: *Chelsea Kuhn*
 Account No: 04206410R999 *gml*

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair On-Going Program Project/Program Scope Fully Defined Partially Defined
 Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
<u>Please See Attached</u>	_____	_____	\$ _____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 This program relates to buildings on the campus of the Linnwood Water Treatment Plant to ensure that they will effectively house the critical elements of the treatment process. 1) The existing force sewer main has been leaking and repaired several times. This is the only sanitary sewer line out of the plant and it carries out the raw sewage. The intent is to design and install a new 6" diameter sewer line and still maintain the operations of the Linnwood Treatment Plant. 2) The roof on the Maintenance Wing of the Linnwood Plant is in need of replacement. This program will allow the roof to be replaced.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2015 - 2020 Linwood Plant Building Improvements Program

Account No: 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$600,000	\$600,000
2016 Projection					\$1,240,000	\$1,240,000
2017 Projection					\$1,460,000	\$1,460,000
2018 Projection					\$1,235,000	\$1,235,000
2019 Projection					\$2,300,000	\$2,300,000
2020 Projection					\$1,150,000	\$1,150,000
Total Six Year Cost	\$0	\$0	\$0	\$0	\$7,985,000	\$7,985,000
Total Project Cost	\$0	\$0	\$0	\$0	\$7,985,000	\$7,985,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source?

- Yes No Uncertain

Are cost estimates based on industry standards?

- Yes No Uncertain

Will city employees be performing any portion of the work?

- Yes No Uncertain

Did you perform a cost/benefit analysis?

- Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: _____

Estimated Completion Date: _____

01/01/15

Department Head Signature

Prepared By/Phone Ext

Carrie M. Lewis 3/21/14

MLL
Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwaukee Water Works	Date Submitted:	3/18/2014
Project/Program:	Linnwood Plant Building Improvements Program		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$600,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	\$7,985,000

General Project/Program Description:

This program relates to buildings on the campus of the Linnwood Water Treatment Plant to ensure that they will effectively base the critical elements of the treatment process.

Whenever possible, **please quantify the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?
Comments / Other Considerations:				

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?
Comments / Other Considerations:				

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
X				Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?
Comments / Other Considerations:				

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Linnwood Plant Building Improvements Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
				Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

CITY OF MILWAUKEE

2015-2020

LINNWOOD PLANT TREATMENT IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2015 - 2020 Linnwood Plant Treatment Improvements Program
 Requesting Department: DPW/Milwaukee Water Works
Prepared By/Phone Ext: Carrie M. Lewis/2801
 Department Head Signature: *Carrie M. Lewis*
Account No: 04206410R999

A) **Department Priority** _____ of _____ **Useful Life** _____ Years
 Level of Need Essential Important Desired

Type of Project New Replacement Repair
 Project/Program Scope Fully Defined Partially Defined
 On-Going Program
 Energy Efficiency Candidate Yes No

B) **Description**

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) **Project/Program Duration**

One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) **Total Positions** _____ **Total FTEs** _____

Position Title	No. of Positions	FTEs	Salaries	\$
<u>Please See Attached</u>	_____	_____	_____	\$ _____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	_____	\$ _____

E) **In Six Year Capital Improvement Plan**

Yes 2013-2018 2014-2019
 Yes, Modified New Request

F) **Project/Program Justification**

This Program continues with Milwaukee Water Works' plan for upgrading and replacing systems necessary for the water purification process. 1) The Floculator Bearings in the North Coagulation Basins will be replaced with \$75,000 in 2015 and \$75,000 in 2016. Both years will replace the entire North West and North East basin Floculators. 2) The Ozone Dielectrics will be replaced in #3 of 4 generators at Linnwood. 3) Plants residuals handling analysis and study will be conducted to evaluate less expensive and more efficient methods of handling the residual solids that the Water Plant produces.

G) **Additional Comments**

4) MWW has engaged a consultant to determine if a possible changeover to a side-stream ozone injection system is feasible and will decrease water treatment costs for one or both facilities. This authority would be in place to fund the implementation of the result of that study, if so decided. 5) The Motor Control Centers (MCC's) and associated Load Centers are at the end of their useful life. This equipment is necessary for the distribution of electrical power to and the protection of, various electrical loads throughout the plant. 2014 had authority to begin the Engineering work. The 2015 request will cover the Motor Control #4 construction and engineering oversight. 6) Steel Pipe Mitigation will assess and mitigate deficiencies of various steel pipelines associated with the treatment processes, including the raw water pipelines, washwater suction and discharge piping, and the recovery basin pipe.

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2015 - 2020 Linwood Plant Treatment Improvements Program

Account No: 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$2,050,000	\$2,050,000
2016 Projection					\$3,400,000	\$3,400,000
2017 Projection					\$2,665,000	\$2,665,000
2018 Projection					\$870,000	\$870,000
2019 Projection					\$2,700,000	\$2,700,000
2020 Projection					\$5,750,000	\$5,750,000
Total Six Year Cost	\$0	\$0	\$0	\$0	\$17,435,000	\$17,435,000
Total Project Cost	\$0	\$0	\$0	\$0	\$17,435,000	\$17,435,000

Life to Date Expenditures (Project Only)	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

Thorough Cost Estimate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source?
 Are cost estimates based on industry standards?
 Will city employees be performing any portion of the work?
 Did you perform a cost/benefit analysis?

How will this project impact city operating expenditures?

Increase
 Decrease
 None

Estimated Start Date: 01/01/15

Estimated Completion Date: _____

Department Head Signature

Prepared By/Phone Ext

Carrie M. Lewis 3/21/14

Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwaukee Water Works	Date Submitted:	3/18/2014
Project/Program:	Linnwood Plant Treatment Improvements Program		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$2,050,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	\$17,435,000

General Project/Program Description:
 This Program continues with Milwaukee Water Works' plan for upgrading and replacing systems necessary for the water purification process.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety ?
	X			Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate ?
		X		Does the project promote long-term regulatory compliance ?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs ?
X				Will the project lead to increased productivity or service improvements ?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity ? (e.g. user fees)
X				Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Linnwood Plant Treatment Improvements Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
				Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

CITY OF MILWAUKEE


2015-2020

HOWARD PLANT BUILDING IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: 2015 - 2020 Howard Plant Building Improvements Requesting Department: DPW/Milwaukee Water Works
 Prepared By/Phone Ext: Carrie M. Lewis/2801 Department Head Signature: 
 Account No: 04206410R999

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair On-Going Program Project/Program Scope Fully Defined Partially Defined
 Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries	\$
<u>Please See Attached</u>	_____	_____	_____	_____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	_____	_____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 This Program continues with Milwaukee Water Works' plan for maintaining and replacing aging infrastructure for the facility that is critical to the efficient operation of the water purification process. Pavement of the roadway and parking areas south of the West Clearwell is in need of resurfacing. The area includes pavement surrounding the Pumping Station and the Shop Wing, plus the pavement adjacent to the Filter Building. The 2013-2014 winter took an especially hard toll on this paved area.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2015 - 2020 Howard Plant Building Improvements

Account No: 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$250,000	\$250,000
2016 Projection					\$300,000	\$300,000
2017 Projection					\$500,000	\$500,000
2018 Projection					\$0	\$0
2019 Projection					\$0	\$0
2020 Projection					\$750,000	\$750,000
Total Six Year Cost	\$0	\$0	\$0	\$0	\$1,800,000	\$1,800,000
Total Project Cost	\$0	\$0	\$0	\$0	\$1,800,000	\$1,800,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

	2015	2016	2017	2018	2019	2020
Were cost estimates confirmed by another source?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are cost estimates based on industry standards?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will city employees be performing any portion of the work?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Did you perform a cost/benefit analysis?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source?

Are cost estimates based on industry standards?

Will city employees be performing any portion of the work?

Did you perform a cost/benefit analysis?

How will this project impact city operating expenditures?

- Increase
 Decrease
 None


Estimated Start Date: 01/01/15

Estimated Completion Date: _____

Department Head Signature

Prepared By/Phone Ext

Carrie M. Lewis 3/21/14


 Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwaukee Water Works	Date Submitted:	3/18/2014
Project/Program:	Howard Plant Building Improvements		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$250,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	\$1,800,000

General Project/Program Description:

This program relates to buildings on the campus of the Howard Treatment Plant to ensure that they will effectively house the critical elements of the treatment process.

Whenever possible, **please quantify the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety ?
	X			Does the project mitigate an immediate risk ?
Comments / Other Considerations:				

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate ?
		X		Does the project promote long-term regulatory compliance ?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?
Comments / Other Considerations:				

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs ?
X				Will the project lead to increased productivity or service improvements ?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity ? (e.g. user fees)
X				Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?
Comments / Other Considerations:				

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Howard Plant Building Improvements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
				Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

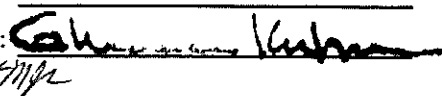
CITY OF MILWAUKEE

2015-2020

HOWARD PLANT TREATMENT IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2015 - 2020 Howard Plant Treatment Improvements **Requesting Department:** DPW/Milwaukee Water Works
Prepared By/Phone Ext: Carrie M. Lewis/2801 **Department Head Signature:** 
Account No: 04206410R999

A) **Department Priority** _____ of _____ **Useful Life** _____ Years **Level of Need** Essential Important Desired

Type of Project New Replacement Repair **Project/Program Scope** Fully Defined Partially Defined
 On-Going Program **Energy Efficiency Candidate** Yes No

B) **Description**

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) **Project/Program Duration**

One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No **Number of Years** _____

D) **Total Positions** _____ **Total FTEs** _____

Position Title	No. of Positions	FTEs	Salaries \$
<u>Please See Attached</u>	_____	_____	\$ _____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	\$ _____

E) **In Six Year Capital Improvement Plan**

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) **Project/Program Justification**

This program continues with Milwaukee Water Works capital improvements plans of upgrading and replacing systems necessary for the water purification process. 1) The OZONATION system at the Howard Ave Treatment Plant has been in service since 1998. "Dielectric" glass tubes are used to conduct the electrical current that produces the ozone gas. Normal maintenance and aging wear down the tubes and production of ozone becomes less efficient with decreased capacity per generator. The 2015 Budget would replace the dielectrics in one (1) generator in 2015 to provide continued and efficient ozone gas production. 2) MWW has engaged a consultant to determine if a possible changeover to a side-stream ozone injection system is feasible and will decrease water treatment costs for one or both facilities. This authority would be in place to fund the implementation of the result of that study, if so decided.

G) **Additional Comments**

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2015 - 2020 Howard Plant Treatment Improvements

Account No: 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$650,000	\$650,000
2016 Projection					\$250,000	\$250,000
2017 Projection					\$950,000	\$950,000
2018 Projection					\$1,400,000	\$1,400,000
2019 Projection					\$1,650,000	\$1,650,000
2020 Projection					\$1,900,000	\$1,900,000
Total Six Year Cost	\$0	\$0	\$0	\$0	\$6,800,000	\$6,800,000
Total Project Cost	\$0	\$0	\$0	\$0	\$6,800,000	\$6,800,000

Life to Date Expenditures (Project Only)	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:	2015	2016	2017	2018	2019	2020
Thorough Cost Estimate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: _____

Department Head Signature
Prepared By/Phone Ext

Carrie M. Lewis 3/21/14
Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwaukee Water Works	Date Submitted:	3/18/2014
Project/Program:	Howard Plant Treatment Improvements		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$650,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	\$6,800,000

General Project/Program Description:

This program continues with Milwaukee Water Works capital improvements plans of upgrading and replacing systems necessary for the water purification process.

Whenever possible, **please quantify the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety ?
	X			Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate ?
		X		Does the project promote long-term regulatory compliance ?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs ?
X				Will the project lead to increased productivity or service improvements ?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity ? (e.g. user fees)
X				Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Howard Plant Treatment Improvements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
				Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

CITY OF MILWAUKEE

2015-2020

PUMP FACILITIES IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

2015 - 2020 Pump Facilities Improvements

Project/Program Title: 2015 - 2020 Pump Facilities Improvements

Prepared By/Phone Ext: Carrie M. Lewis/2801

Account No: 04206410R999

Requesting Department: SRW/Milwaukee Water Works

Department Head Signature: *Chelsea Kuhn*

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
<u>Please See Attached</u>	_____	_____	\$ _____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Milwaukee Water Works' two purification plants - Howard Avenue and Linnwood - rely upon various pumping facilities located throughout the system. This Program allows Milwaukee Water Works to upgrade and/or replace various aspects (eg. Pumps, valves, electrical, and HVAC systems, and the buildings themselves) of the pumping facilities that aid in the efficient distribution of quality water throughout the system.

1) The North Point Pumping Station is supplied with drinking water from the Linnwood Water Treatment Plant via a concrete tunnel. The tunnel was last inspected in 1962 to comply with a Wisconsin Department of Natural Resources. Therefore, the tunnel inspection and any repairs are to comply with a WIDNR Sanitary Survey order that the tunnel be inspected again. 2) The Howard Ave Plant Substation/Switchgear is the first year, of a two year project, that will replace the aging and obsolete outdoor sub-station with a new and energy efficient metal-clad weatherproof switchgear and retrofit the existing 4160-volt switchgear located in the Howard Plant pump room mezzanine area.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2015 - 2020 Pump Facilities Improvements

Account No: 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$250,000	\$250,000
2016 Projection					\$5,300,000	\$5,300,000
2017 Projection					\$5,600,000	\$5,600,000
2018 Projection					\$4,700,000	\$4,700,000
2019 Projection					\$2,900,000	\$2,900,000
2020 Projection					\$1,050,000	\$1,050,000
Total Six Year Cost	\$0	\$0		\$0	\$19,800,000	\$19,800,000
Total Project Cost	\$0	\$0		\$0	\$19,800,000	\$19,800,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: _____

Department Head Signature

Carrie M. Lewis
Carrie M. Lewis/2801

Prepared By/Phone Ext

Carrie M. Lewis 3/21/14

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwaukee Water Works	Date Submitted:	3/18/2014
Project/Program:	Pump Facilities Improvements		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$250,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	\$19,800,000

General Project/Program Description:
 Milwaukee Water Works' two purification plants - Howard Avenue and Linnwood-rely upon various pumping facilities located throughout the system. This Program allows Milwaukee Water Works to upgrade and/or replace various aspects (eg. Pumps, valves, electrical and HVAC systems, and the buildings themselves) of the pumping facilities that aid in the efficient distribution of quality water throughout the system.

Whenever possible, **please quantify the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety ?
	X			Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate ?
		X		Does the project promote long-term regulatory compliance ?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs ?
X				Will the project lead to increased productivity or service improvements ?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity ? (e.g. user fees)
X				Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Pump Facilities Improvements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
				Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

CITY OF MILWAUKEE

2015-2020

STORAGE FACILITIES IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2015 - 2020 Storage Facilities Improvements Requesting Department: DPW/Milwaukee Water Works
 Prepared By/Phone Ext: Carrie M. Lewis/2801 Department Head Signature: *Carrie M. Lewis*
 Account No: 04206410R999

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined

On-Going Program Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries	\$
Please See Attached	_____	_____	_____	_____
BMD-52 Water Eng A.xls	_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

Milwaukee Water Works' two purification plants - Howard Avenue and Linwood - rely upon various storage facilities located throughout the system. This program allows for evaluation, eliminating or enhancing the storage capacity for the system. 1) Two 6.0 MG steel above ground water tanks, constructed in 1956 and 1957 are located at the Milwaukee Water Works Lincoln Pumping Station. The Lincoln Station storage tanks and booster pump station allows the MWW Utility to place a large volume of water in reserve and available during peak demand cycles. These two tanks are exhibiting corrosion throughout their structures. The 2013 Wisconsin DNR, per the Wisconsin Administration Code, s. NR 810.14, has identified these as needing to be painted in order to preserve their integrity, avoid costly repair projects, and prolong their useful lives.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2015 - 2020 Storage Facilities Improvements

Account No: 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$2,500,000	\$2,500,000
2016 Projection					\$1,400,000	\$1,400,000
2017 Projection						\$0
2018 Projection					\$3,600,000	\$3,600,000
2019 Projection					\$500,000	\$500,000
2020 Projection					\$6,000,000	\$6,000,000
Total Six Year Cost	\$0	\$0		\$0	\$14,000,000	\$14,000,000
Total Project Cost	\$0	\$0		\$0	\$14,000,000	\$14,000,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source?

- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain

Are cost estimates based on industry standards?

- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain

Will city employees be performing any portion of the work?

- Yes No Uncertain
- Yes No Uncertain

Did you perform a cost/benefit analysis?

- Increase Decrease None


How will this project impact city operating expenditures?

Estimated Start Date: 01/01/15

Estimated Completion Date: _____

Department Head Signature

Prepared By/Phone Ext


 Carrie M. Lewis/2801
 5/21/14

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwaukee Water Works	Date Submitted:	3/18/2014
Project/Program:	Storage Facilities Improvements		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$2,500,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	\$14,000,000

General Project/Program Description:

Milwaukee Water Works' two purification plants - Howard Avenue and Linnwood - rely upon various storage facilities located throughout the system. This program allows for evaluation, eliminating or enhancing the storage capacity for the system.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety?
	X			Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X				Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs?
	X			Will the project lead to increased productivity or service improvements?
	X			Will the facility require significant annual maintenance?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity? (e.g. user fees)
X				Will the project result in a reduction in energy use?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Pump Facilities Improvements

Whenever possible, **please quantify / describe the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see *Capital Guidelines* for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board ?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space ?
		X		Will the project mitigate blight ?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character ?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
Comments / Other Considerations:				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life ?
X				Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
	X			Will this project improve the functionality or service life of other related infrastructure ?
Comments / Other Considerations:				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired ?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations ?
				Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				

CITY OF MILWAUKEE

2015-2020

METER FACILITIES IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2015 - 2020 Meter Repair Shop
 Prepared By/Phone Ext: Carrie M. Lewis/2801
 Account No: 04206410R999

Requesting Department: DPW/Milwaukee Water Works
 Department Head Signature: *Colleen Kuhn*
MP

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

Energy Efficiency Candidate Yes No

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
<u>Please See Attached</u>	_____	_____	\$ _____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification

This Program allows for improvements to the operations associated with the Milwaukee Water Works Business Sections's Water Meter Services. The Consolidated Meter Shop needs interior structural, electrical, and HVAC modifications in order to facilitate the consolidation of work staff to this one location.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2015 - 2020 Meter Repair Shop

Account No: 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$700,000	\$700,000
2016 Projection					\$0	\$0
2017 Projection					\$0	\$0
2018 Projection					\$0	\$0
2019 Projection					\$0	\$0
2020 Projection					\$0	\$0
Total Six Year Cost	\$0	\$0	\$0	\$0	\$700,000	\$700,000
Total Project Cost	\$0	\$0	\$0	\$0	\$700,000	\$700,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0
-----	-----	-----	-----

Available Cost Estimate:

- Thorough Cost Estimate 2015 2016 2017 2018 2019 2020
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source?

- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain

Are cost estimates based on industry standards?

- Yes No Uncertain
- Yes No Uncertain
- Yes No Uncertain

Will city employees be performing any portion of the work?

- Yes No Uncertain
- Yes No Uncertain

Did you perform a cost/benefit analysis?

- Increase Decrease None

How will this project impact city operating expenditures?

Estimated Start Date: 01/01/15

Estimated Completion Date: _____

Department Head Signature

Prepared By/Phone Ext

Carrie M. Lewis 3/21/14

Carrie M. Lewis
Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwaukee Water Works	Date Submitted:	3/18/2014
Project/Program:	Meter Repair Shop		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$700,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	\$700,000

General Project/Program Description:

This Program allows for improvements to the operations associated with the Milwaukee Water Works Business Section's Water Meter Services.

Whenever possible, **please quantify the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X				Does the project directly reduce risks to people or property?
X				Does the project directly promote improved health or safety ?
	X			Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
	X			Does the project address a legislative, regulatory or court-ordered mandate ?
		X		Does the project promote long-term regulatory compliance ?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
	X			Will the facility require additional personnel to operate?
X				Will the project lead to a reduction in operating costs ?
X				Will the project lead to increased productivity or service improvements ?
	X			Will the facility require significant annual maintenance ?
	X			Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
	X			Is there a revenue generating opportunity ? (e.g. user fees)
X				Will the project result in a reduction in energy use ?
	X			Does the project involve specific energy reduction strategies or features?
	X			Will this project cause disruptions to regular city operations ?
	X			Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Meter Repair Shop

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facility preservation programs
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
X				Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
X				Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
	X			Are there inter-jurisdictional considerations?
				Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

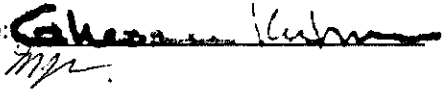
CITY OF MILWAUKEE

2015-2020

CAPITAL PROJECTS CONTINGENCIES

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2015 - 2020 Capital Projects Contingencies Requesting Department: DPW/Milwaukee Water Works
 Prepared By/Phone Ext: Carrie M. Lewis/2801 Department Head Signature: 
 Account No: 04206410R999

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair Project/Program Scope Fully Defined Partially Defined
 On-Going Program Energy Efficiency Candidate Yes No

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries	\$
<u>Please See Attached</u>	_____	_____	_____	_____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	_____	_____

E) In Six Year Capital Improvement Plan
 Yes 2013-2018 2014-2019 Yes, Modified New Request

F) Project/Program Justification
 Contingency authority to be available for unexpected needs.

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2015 - 2020 Capital Projects Contingencies

Account No: 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2014						\$0
2015 Budget Request					\$500,000	\$500,000
2016 Projection					\$1,000,000	\$1,000,000
2017 Projection						\$0
2018 Projection						\$0
2019 Projection						\$0
2020 Projection						\$0
Total Six Year Cost	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000
Total Project Cost	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000

Life to Date Expenditures (Project Only)

2015	2016	2017	2018	2019	2020
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain


How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/01/15

Estimated Completion Date: _____

Department Head Signature


Carrie M. Lewis/2801

Prepared By/Phone Ext

3/21/14

CIC - Capital Improvement Request Part III

Department: PUBLIC WORKS-Milwaukee Water Works	Date Submitted: 3/18/2014
Project/Program: Capital Projects Contingencies	
Prepared By: Carrie M. Lewis, Superintendent	Current Request: \$500,000
Dept Head: Ghassan Korban, Commissioner	6 Yr Total: \$1,500,000

General Project/Program Description:
Contingency authority to be available for unexpected needs.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety ?
		X		Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate ?
		X		Does the project promote long-term regulatory compliance ?
		X		Will there be a serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs ?
		X		Will the project lead to increased productivity or service improvements ?
		X		Will the facility require significant annual maintenance ?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity ? (e.g. user fees)
		X		Will the project result in a reduction in energy use ?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations ?
		X		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: Capital Projects Contingencies

Whenever possible, **please quantify / describe the impact** of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	
Compliance with Area Plans - Comprehensive Area Plans adopted by the Common Council are available on DCD's website				
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				
Infrastructure - Primarily recurring infrastructure and facility preservation programs				
		X		How does the request affect the replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs?
		X		Have you documented the past cost of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				
Economic / Community Development				
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				
Special Considerations				
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
				Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				