BMD-100

Capital Improvement Request Form Part I

Project/Program Title: IT Upgrades/Replacements

Requesting Department: DOA - ITMD

Prepared By/Phone Ext: Gary Langhoff / 8031

Department Head Signature: Nancy A. Olson

Account No:

A) **Department Priority** 1 of 12 **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 2

D) **Total Positions** Unknown **Total FTEs** Unknown

Position Title	No. of Positions	FTEs	Salaries
			$
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☑ New Request

F) **Project/Program Justification**

The IT Updates/Replacements capital project request includes funding for two separate projects. The first represents a consolidation of the "Milwaukee.gov hot disaster site" project, originally scheduled for 2013, with the "Disaster recovery site" project previously included in the capital plan for 2014. ITMD has determined that combining these two projects will provide for economies of scale, leading to overall reduced costs. It also provides an opportunity to expand the "hot" failover site to include the Lagan CRM software currently used by the Unified Call Center. This site will ensure business continuity by providing for continuous operation of critical city systems (includng City e-mail, web site, call center, databases, City Clerk applications, and others) during an emergency or disaster that would otherwise disable those systems. Because of the number of systems involved, project implementation will occur over a two-year period.

G) **Additional Comments**

The second project included as part of this request is development of mobile access to the Lagan system. This enhancement will allow citizens and City field staff to submit requests and information (including photographs) directly to the call center application using cell phones or other mobile devices. ITMD anticipates this functionality will become operational in late 2013.

BMD-100

Capital Improvement Request Part II

Requesting Department: DOA - ITMD

Project/Program Title: IT Upgrades/Replacements **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$600,000					$600,000
2013 Budget Request	$300,000					$300,000
2014 Projection	$300,000					$300,000
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$600,000	$0	$0	$0	$0	$600,000
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

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: _____

Estimated Completion Date: _____

Department Head Signature Jamey A. Olson

Prepared By/Phone Ext Gary Langhoff / 8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/23/2012
Project/Program:	IT upgrades/replacements		
Prepared By:	Gary Langhoff	Current Request:	$300,000
Dept Head:	Nancy Olson	6 Yr Total:	$600,000

General Project/Program Description:

The IT Updates/Replacements request includes funding for two separate projects. The first represents a consolidation of the "Milwaukee.gov hot disaster site" project, originally scheduled for 2013, with the "Disaster recovery site" project previously included in the capital plan for 2014 and will expand to include the Lagan CRM software currently used by the Unified Call Center. The second will provide direct access to the Lagan call center application for mobile device users (either citizens or City 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:

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:

The combined disaster recovery site will provide for continuous operation of critical city systems (includng City e-mail, web site, call center, databases, City Clerk and Treasurer applications, and others) during an emergency or disaster that would otherwise disable those systems. The mobile call center application will allow device users to submit text and photographs directly to call center staff.

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)?

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:

Each of these projects will use the latest available technology, although for very different purposes. The disaster recovery site will provide a "live" failover site that would take over for critical systems in the event of disaster. The mobile application will allow users to provide "live" information to call center staff regarding issues needing attention.

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: Storage Area Network (SAN) expansion **Requesting Department:** DOA-ITMD

Prepared By/Phone Ext: Gary Langhoff / 8031 **Department Head Signature:** Nancy A. Noss

Account No:

A) **Department Priority** 2 of 12 **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

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** 1.0

Position Title	No. of Positions	FTEs	Salaries
Systems Analyst - Project Ldr.	1	0.3	$ 25,765.00
Network Analyst Associate	1	0.3	$ 22,200.00
Network Analyst Assistant	1	0.3	$ 19,400.00

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

The Storage Area Network (SAN) expansion project supersedes the previous SAN replacement project and will be used to increase capacity for critical City information including e-mail, e-mail archive, Oracle databases, City department files, GIS files, and storage for new virtual servers. Among the benefits provided by this project will be an increase in data redundancy (which makes data more secure) and the opportunity for better data recovery options. The increased capacity will also provide greater SAN scalability, which allows City departments that seek to reduce the cost of departmental storage and hardware maintenance to relocate to the centralized City SAN.

G) **Additional Comments**

Capital Improvement Request Part II

Requesting Department: DOA-ITMD

Project/Program Title: Storage Area Network (SAN) expansion **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$325,000					$325,000
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$325,000	$0	$0	$0	$0	$325,000
Total Project Cost	$325,000	$0	$0	$0	$0	$325,000

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

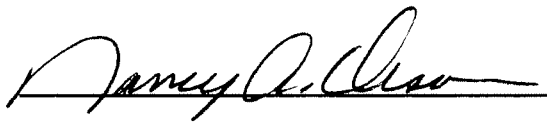
Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
Thorough Cost Estimate	☐	☐	☐	☐	☐	☐
Limited Information	☐	☐	☐	☐	☐	☐
Based on Cost of Similar Projects	☑	☐	☐	☐	☐	☐
Unsupported	☐	☐	☐	☐	☐	☐

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: 06/01/13

Estimated Completion Date: 12/01/13

Department Head Signature 

Prepared By/Phone Ext Gary Langhoff / 8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/23/2012
Project/Program:	Storage Area Network (SAN) expansion		
Prepared By:	Gary Langhoff	Current Request:	$325,000
Dept Head:	Nancy Olson	6 Yr Total:	$325,000

General Project/Program Description:

The Storage Area Network (SAN) expansion project supersedes the previous SAN replacement project and will be used to increase capacity for critical City information including e-mail, e-mail archive, Oracle databases, City department files, GIS files, and storage for new virtual servers.

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:

Increased storage capacity will also provide greater SAN scalability, which allows City departments that seek to reduce the cost of departmental storage and hardware maintenance to relocate to the centralized City SAN.

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

Project/Program: Storage Area Network (SAN) expansion

*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:

Benefits provided by this project will be an increase in data redundancy (which makes data more secure) and the opportunity for better data recovery options.

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: eAps for Procurement Life Cycle **Requesting Department:** DOA-ITMD

Prepared By/Phone Ext: Gary Langhoff / 8031 **Department Head Signature:** [signature]

Account No:

A) **Department Priority** 3 of 12 **Useful Life** 4 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** 3 **Total FTEs** 1.1

Position Title	No. of Positions	FTEs	Salaries
Systems Analyst - Proj. Ldr.	1	0.4	$ 38,690.00
Systems Analyst - Sr.	1	0.4	$ 31,935.00
Programmer Analyst	1	0.3	$ 15,900.00

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

This project will purchase and install up to two additional modules for the Oracle PeopleSoft Financial Application which will provide effeciencies in various areas of the procurement life cycle. It should allow for further automation and integration of certain procurement activities and allow vendors to review various procurement documents directly to obtain status of the document at any point during the life cycle.

G) **Additional Comments**

Capital Improvement Request Part II

Requesting Department: DOA - ITMD

Project/Program Title: eAps for Procurement Life Cycle **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$500,000					$500,000
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 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:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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

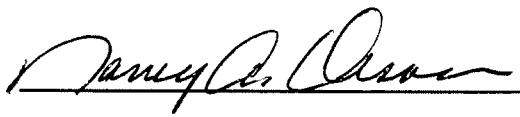
Will city employees be performing any portion of the work? ☑ Yes ☐ No ☐ Uncertain

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

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

Estimated Start Date: 03/01/13

Estimated Completion Date: 11/30/13

Department Head Signature 

Prepared By/Phone Ext Gary Langhoff / 8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/23/2012
Project/Program:	eAps for Procurement Life Cycle		
Prepared By:	Gary Langhoff	Current Request:	$500,000
Dept Head:	Nancy Olson	6 Yr Total:	$500,000

General Project/Program Description:

This project will purchase and install up to two additional modules for the Oracle PeopleSoft Financial Application which will provide effeciencies in various areas of the procurement life cycle. It will allow for further automation and integration of certain procurement activities and allow vendors to review various procurement documents at any point during the life cycle.

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 eAps Procurement project will create efficiencies in the procurement process that can lead to reduced operating costs. The added software will require an increased software maintenance payment, however.

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

Project/Program: eAps for Procurement Life Cycle

*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:

The eAps procurement module will improve the efficiency of the City's internal purchasing procedures while making information more easily accessible to vendors.

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: Workplace Safety & Efficiency **Requesting Department:** DOA - ITMD

Prepared By/Phone Ext: Gary Langhoff / 8031 **Department Head Signature:** _____

Account No: _____

A) **Department Priority** 4 of 12 **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

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 ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

Staff and meeting areas of the fourth floor continue to endanger ITMD and Milwaukee County employees as they fail to meet building codes due to the lack of a fire suppression system. In addition, ITMD continues to operate in an environment that no longer meets the division's needs and does not adequately address changes in technology, staffing, division mission and heightened security requirements. The current division floorplan impedes collaborative effort and inhibits intradivisional communication. Potentially valuable space sits unused while marginal areas house employee workspace, equipment, or meeting areas. Outdated, rundown equipment and materials impair staff effectiveness and morale. In the twenty-five plus years since ITMD was last remodeled, virtually every City department -- both small and large -- has received significant renovations to its workspace. Several departments have remodeled multiple times. Meanwhile, ITMD's request to improve safety and working conditions for its employees has been turned down for eight consecutive years.

G) **Additional Comments**

A study of space needs, funded in the 2003 capital budget and completed in late 2004, serves as the basis for this request. The project cost estimate contained herein includes increases of 3 percent for each of the seven years (including the current request) that ITMD has submitted the capital project request.

Capital Improvement Request Part II

Requesting Department: DOA - ITMD

Project/Program Title: Workplace Safety & Efficiency **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$2,376,700					$2,376,700
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$2,376,700	$0	$0	$0	$0	$2,376,700
Total Project Cost	$2,376,700	$0	$0	$0	$0	$2,376,700
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 03/01/13

Estimated Completion Date: 11/01/13

Department Head Signature

Prepared By/Phone Ext Gary Langhoff / 8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/23/2012
Project/Program:	Workplace safety and efficiency		
Prepared By:	Gary Langhoff	Current Request:	$2,376,700
Dept Head:	Nancy Olson	6 Yr Total:	$2,376,700

General Project/Program Description:

In the thirty-plus years since ITMD was last remodeled, virtually every City department has received significant renovations to its workspace. Meanwhile, ITMD continues to operate in an environment that places its employees at risk due to a lack of fire supression and that no longer meets the division's needs nor does it adequately address changes in technology, staffing, division mission and heightened security 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**
				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:

The current division floorplan impedes collaborative effort and inhibits intradivisional communication. Potentially valuable space sits unused while marginal areas house employee workspace, equipment, or meeting areas. Outdated, rundown equipment and materials impair staff effectiveness and morale. This project will improve employee productivity while reducing energy costs.

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)?

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:

Current division floorplan impedes collaborative effort and inhibits intradivisional communication. Potentially valuable space sits unused while marginal areas house employee workspace, equipment, or meeting areas. 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?

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: Web Application Server Replacement **Requesting Department:** DOA - ITMD

Prepared By/Phone Ext: Gary Langhoff / 8031 **Department Head Signature:**

Account No:

A) **Department Priority** 5 of 12 **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

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** Unknown **Total FTEs** Unknown

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

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

As the City makes available new services, information, and applications through its www.milwaukee.gov website, citizens become increasingly reliant on their availability. Likewise, the City grows more dependent on the website to accept payments, receive service requests, and listen to the suggestions of constituents. By the middle of the next decade, the numbers of these online activities will have increased exponentionally. Provision of all current and future services depends on operation of the City's web application servers which were purchased in August 2008. This project request would ensure timely replacement of these servers when they reach the end of their useful life in 2014.

G) **Additional Comments**

Capital Improvement Request Part II

Requesting Department: DOA - ITMD

Project/Program Title: Web Application Server Replacement **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection	$125,000					$125,000
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$125,000	$0	$0	$0	$0	$125,000
Total Project Cost	$125,000	$0	$0	$0	$0	$125,000
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 04/01/14

Estimated Completion Date: 08/01/14

Department Head Signature Jamey A. Olson

Prepared By/Phone Ext Gary Langhoff / 8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/23/2012
Project/Program:	Web Application Server replacement		
Prepared By:	Gary Langhoff	Current Request:	$0
Dept Head:	Nancy Olson	6 Yr Total:	$125,000

General Project/Program Description:

The City's web application server which was purchased in August 2008 and will reach the end of its useful life in 2014. This project request would ensure timely replacement of these servers to ensure that the services, information, and applications that the CIty makes available through its www.milwaukee.gov website remain available both to citizens and City departments.

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:

Replacement of the Web Application server in the time-frame requested will reduce life-cycle costs by ensuring that the equipment remains covered under warranty service. This project will also help to control costs by employing energy-efficient equipment. However, the critical justification for this project remains the need to support applications on the City web site.

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

Project/Program: Web Application Server 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)?

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:

The Web Application server replacement project will incorporate the latest technology available at the time of purchase/implementation, including energy-saving 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:

Capital Improvement Request Form Part I

Project/Program Title: "Fusion" upgrade study **Requesting Department:** DOA - ITMD

Prepared By/Phone Ext: Gary Langhoff / 8031 **Department Head Signature:** Nancy Quan

Account No:

A) **Department Priority** 6 of 12 **Useful Life** 2 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** N/A **Total FTEs** N/A

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

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ 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: "Fusion" upgrade study **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection	$300,000					$300,000
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 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:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 3/1/2014

Estimated Completion Date: 9/1/2014

Department Head Signature Jerry A Olson

Prepared By/Phone Ext Gary Langhoff / 8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/23/2012
Project/Program:	"Fusion" upgrade study		
Prepared By:	Gary Langhoff	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)?

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:

"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?

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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Mobile Device Security & Management **Requesting Department:** DOA - ITMD

Prepared By/Phone Ext: Gary Langhoff/8031 **Department Head Signature:** Darcy A. Olson

Account No:

A) **Department Priority** 7 of 12 **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** Unknown **Total FTEs** Unknown

Position Title	No. of Positions	FTEs	Salaries
			$
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☐ 2012-2017 ☐ 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 cental location.

G) **Additional Comments**

BMD-100

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 2012						$0
2013 Budget Request						$0
2014 Projection	$160,000					$160,000
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 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

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: 03/01/14

Estimated Completion Date: 08/31/14

Department Head Signature

Prepared By/Phone Ext Gary Langhoff / 8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/23/2012
Project/Program:	Mobile Security and Management		
Prepared By:	Gary Langhoff	Current Request:	$0
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 cental 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)?

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:

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?

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: Webcasting
Requesting Department: DOA - ITMD
Prepared By/Phone Ext: Gary Langhoff / 8031
Department Head Signature: [signature]
Account No:

A) **Department Priority** 8 of 12 **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

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** 0.6

Position Title	No. of Positions	FTEs	Salaries
Internet Services Coordinator	1	0.3	$ 17,100.00
Internet Analyst	1	0.3	$ 9,200.00
Various	3	0.1	$ 2,500.00

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

The Mayor's Office and Health Department have requested the ability to add streaming video, webcasts, and information-rich materials to their web pages, without the severe limitations imposed by YouTube. This project will allow ITMD to make available to departments the software and hardware needed to create multimedia materials easily. The project would also provide a hosting server that will make the information available through www.milwaukee.gov. Departments would employ this easy-to-use system to record events and stream the resulting content to the web for on-demand viewing by citizens or employees. Content will be immediately available for playback once the presentation being recorded is completed. This content can be burned to CD, put on file servers, or, with the Mediasite EX Server, catalogued, managed and published to the web.

G) **Additional Comments**

Departments have begun to initiate efforts to pursue these improvements on their own. Centralizing purchase and implementation will help to ensure lower costs, inter-department compatibility and consistency in application. The software needed for this project will require ongoing operating expenditures of approximately $15,000 per year.

Capital Improvement Request Part II

Requesting Department: DOA - ITMD

Project/Program Title: Webcasting **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection	$150,000					$150,000
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 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:	2013	2014	2015	2016	2017	2018
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: 04/01/14

Estimated Completion Date: 12/30/14

Department Head Signature Nancy A. Olson

Prepared By/Phone Ext Gary Langhoff / 8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/23/2012
Project/Program:	Webcasting		
Prepared By:	Gary Langhoff	Current Request:	$150,000
Dept Head:	Nancy Olson	6 Yr Total:	$150,000

General Project/Program Description:

The Mayor's Office and Health Department have requested the ability to add streaming video, webcasts, and information-rich materials to their web pages. This project will make available software and hardware needed to create multimedia materials easily. The project would also provide a hosting server that will make the information available through www.milwaukee.gov.

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:

Departments have already begun to initiate efforts to pursue these improvements on their own. Centralizing purchase and implementation will help to ensure lower costs, inter-department compatibility and consistency in application.

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

Project/Program: Webcasting

*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:

Departments would employ this easy-to-use system to record events and stream the resulting content to the web for on-demand viewing by citizens or employees. Content will be immediately available for playback once the presentation being recorded is completed. This content can be burned to CD, put on file servers, or, with the Mediasite EX Server, catalogued, managed and published to the web.

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: Oracle/PeopleSoft HRMS Upgrade **Requesting Department:** DOA-ITMD

Prepared By/Phone Ext: Gary Langhoff/8031 **Department Head Signature:** [signature]

Account No:

A) **Department Priority** 9 of 12 **Useful Life** 4 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 1.33

D) **Total Positions** 6 **Total FTEs** unknown

Position Title	No. of Positions	FTEs	Salaries
			$
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ 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, will provide enhanced functionality and ease of use, and will create the opportunity for a simpler and lower-cost upgrade to the "Fusion" version of the software when it becomes available.

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 2012						$0
2013 Budget Request						$0
2014 Projection						$0
2015 Projection	$1,100,000					$1,100,000
2016 Projection						$0
2017 Projection						$0
2018 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)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: 10/31/15

Department Head Signature Gary A. Olson

Prepared By/Phone Ext Gary Langhoff / 8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/23/2012
Project/Program:	Oracle/Peoplesoft HRMS upgrade		
Prepared By:	Gary Langhoff	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, and will create the opportunity for a simpler and lower-cost upgrade to the "Fusion" version of the software when it becomes available.

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)?

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:

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?

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: GIS Infrastructure Improvements **Requesting Department:** DOA-ITMD

Prepared By/Phone Ext: Gary Langhoff / x8031 **Department Head Signature:** [signature]

Account No:

A) **Department Priority** 10 of 12 **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

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** Unknown **Total FTEs** Unknown

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

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F) **Project/Program Justification**

This project replaces the MapMilwaukee mobile expansion capital project previously scheduled for 2013. The GIS infrastructure improvements project will replace hardware (including MapMilwaukee servers) at the end of their useful lives, increase capacity to meet greater demand, 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.

G) **Additional Comments**

Capital Improvement Request Part II

Requesting Department: DOA-ITMD

Project/Program Title: GIS Infrastructure Improvements **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection						$0
2015 Projection	$300,000					$300,000
2016 Projection						$0
2017 Projection						$0
2018 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:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 02/01/15

Estimated Completion Date: 12/31/15

Department Head Signature Danny A. Olson

Prepared By/Phone Ext Gary Langhoff / x8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/23/2012
Project/Program:	GIS Infrastructure Improvements		
Prepared By:	Gary Langhoff	Current Request:	$0
Dept Head:	Nancy Olson	6 Yr Total:	$300,000

General Project/Program Description:

This project replaces the MapMilwaukee mobile expansion capital project previously scheduled for 2013. The GIS infrastructure improvements project will replace hardware (including MapMilwaukee servers) at the end of their useful lives, increase capacity to meet greater demand, 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.

*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: GIS Infrastructure 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:

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?

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: Oracle/PeopleSoft Financial Upgrade **Requesting Department:** DOA-ITMD

Prepared By/Phone Ext: Gary Langhoff/8031 **Department Head Signature:** [signature]

Account No:

A) **Department Priority** 11 of 12 **Useful Life** 4 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 1.33

D) **Total Positions** 6 **Total FTEs** unknown

Position Title	No. of Positions	FTEs	Salaries
			$
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

This project will update the financial module of the PeopleSoft enterprise product to Oracle's latest version of the PeopleSoft financial software. The upgrade will guarantee continued product support and updates, will provide enhanced functionality and ease of use, and will create the opportunity for a simpler and lower-cost upgrade to the "Fusion" version of the software when it becomes available.

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 2012						$0
2013 Budget Request						$0
2014 Projection						$0
2015 Projection						$0
2016 Projection	$1,300,000					$1,300,000
2017 Projection						$0
2018 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

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: 01/01/16

Estimated Completion Date: 10/31/16

Department Head Signature Nancy A. Olson

Prepared By/Phone Ext Gary Langhoff / 8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/23/2012
Project/Program:	Oracle/Peoplesoft FMIS upgrade		
Prepared By:	Gary Langhoff	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, and will create the opportunity for a simpler and lower-cost upgrade to the "Fusion" version of the software when it becomes available.

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)?

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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Web Security Appliance

Requesting Department: ITMD / DOA

Prepared By/Phone Ext: Gary Langhoff / 8031

Department Head Signature: [signature]

Account No:

A)

Department Priority 12 of 12 **Useful Life** 3 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 2 **Total FTEs** 0.6

Position Title	No. of Positions	FTEs	Salaries
Network Analyst	1	0.3	$ 20,180
Project Lead	1	0.3	$ 23,420
			$

E)

In Six Year Capital Improvement Plan

Yes ☐ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F)

Project/Program Justification

Over the past several years the City's email system has been compromised because of the lack of internet security. 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.

G)

Additional Comments

The appliance is capable of policy based controls, reputation filters, malware filtering, data security, application visibility and control.

BMD-100

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 2012						$0
2013 Budget Request						$0
2014 Projection						$0
2015 Projection						$0
2016 Projection	$350,000					$350,000
2017 Projection						$0
2018 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

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: 01/31/16

Estimated Completion Date: 08/01/16

Department Head Signature

Prepared By/Phone Ext Gary Langhoff / 8031

CIC - Capital Improvement Request Part III

Department:	DOA - Information & Technology Management Division	Date Submitted:	3/23/2012
Project/Program:	Web Security Appliance		
Prepared By:	Gary Langhoff	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)?

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:

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 liabililty 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?

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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: City Hall 8th Floor Remodel
Requesting Department: City Attorney
Prepared By/Phone Ext: Barbara Woldt, 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** 0 **Total FTEs** 0.0

Position Title	No. of Positions	FTEs	Salaries
			$
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☐ 2012-2017 ☐ 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 accomodate existing staffing requirements, create more functional space, incorporate state of the art technology, ergonomic, and safety standards. The scope of the project includes 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, storage, and file areas. The overal benefit would be to improve operating efficiency with a more funtional, 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 area including public restrooms. Historic context is to be considered in the design of the public areas, lobby, main conference room, 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. Because DPW needs to modernize the HVAC and mechanicals on the 8th floor, it would be more cost-effective to do the necessary remodeling at the same time. The project is divided into three phases with demolition and mechanical systems as Phase I 2013, construction of architectural interiors including walls and ceilings as Phase II 2014, and completion of finishes, painting carpeting, furnishings, and move in Phase III 2015.

BMD-100

Capital Improvement Request Part II

Requesting Department: City Attorney

Project/Program Title: City Hall 8th Floor Remodel **Account No:** BU10070300

AMEND

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	~~$2,269,995~~ 2,013,507					~~$2,269,995~~ 2,013,507
2014 Projection	~~$2,828,200~~ 2,258,560					~~$2,828,200~~ 2,258,560
2015 Projection	~~$1,222,305~~ 1,216,914					~~$1,222,305~~ 1,216,914
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	~~$5,820,500~~ 5,488,981	$0	$0	$0	$0	~~$5,820,500~~ 5,488,981
Total Project Cost	~~$5,820,500~~ 5,488,981	$0	$0	$0	$0	~~$5,820,500~~ 5,488,981
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: 01/01/13

Estimated Completion Date: 12/31/15

Department Head Signature _____

Prepared By/Phone Ext Barbara G. Woldt

CIC - Capital Improvement Request Part III

Department:	City Attorney	Date Submitted:	3/23/2012
Project/Program:	City Hall 8th Floor Remodel		$2,013,507
Prepared By:	Barbara G. Woldt	Current Request:	$2,269,995
Dept Head:	Grant F. Langley	6 Yr Total:	$5,820,500 $5,488,981

General Project/Program Description:

Over a three year period, redesign and reconstruct 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, construction and relocation of lobby area, new partitions systems for general staff, structural floor repair for filing areas, new heating, cool, 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?

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:

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 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 the last floors in City Hall requiring remodeling. The office should be reconstructed to fit with the historic context of City Hall and to complete the resoration of City Hall space.

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 th's 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 cost 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 restoration of City Hall, it would be short-sighted to not complete the renovation. Our office has also lived with the less than ideal conditions and challenges presented by our current temporary space for six years.

BMD-100

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: Ronald Leonhardt
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: Unknown

D) **Total Positions** 1 **Total FTEs** 1.0

Position Title	No. of Positions	FTEs	Salaries
Fiscal Planning Specialist	1	1.0	$ 85,000
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☐ 2012-2017 ☐ 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 oversseing 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**

BMD-100

Capital Improvement Request Part II

Requesting Department: Common Council - City Clerk

Project/Program Title: Capital Improvements Committee **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$85,000					$85,000
2014 Projection	$87,000					$87,000
2015 Projection	$89,000					$89,000
2016 Projection	$91,000					$91,000
2017 Projection	$93,000					$93,000
2018 Projection	$95,000					$95,000
Total Six Year Cost	$540,000	$0	$0	$0	$0	$540,000
Total Project Cost	$540,000	$0	$0	$0	$0	$540,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 03/22/10

Estimated Completion Date: n/a

Department Head Signature Ronald Leonhardt

Prepared By/Phone Ext Jim Owczarski, x2998

CIC - Capital Improvement Request Part III

Department:	Common Council - City Clerk	Date Submitted:	3/23/2012
Project/Program:	Capital Improvemetns Committee		
Prepared By:	Jim Owczarski	Current Request:	$85,000
Dept Head:	Ronald D. Leonhardt	6 Yr Total:	$625,000

General Project/Program Description:

This is position authority for the staff person assigned to the Capital Improvements Committee. The incumbent also has provided a high level of support to the budget analysis function of the Legislative Reference Bureau.

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**?
				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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: HD Conversion Project fo City Channel 25 **Requesting Department:** Common Council - City Clerk

Prepared By/Phone Ext: Jim Owczarski, x2998 **Department Head Signature:** Ronald Leonhardt

Account No:

A) **Department Priority** 2 of 4 **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 3

D) **Total Positions** _____ **Total FTEs** _____

Position Title	No. of Positions	FTEs	Salaries
			$
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F) **Project/Program Justification**

Broadcasters have either converted to HD digital telecasts or will be doing so soon. The City Channel currently ioffers an SD analog telecast. However, it will soon be difficult to replace SD-analog equipment as manufacturers move to HD/digital equipment exclusively. This is being made as a capital request because this transition must be done in several large installments rather than smaller installments over many years. HD digital equiment is not compatible with SD-analog equipment. It requires different cables and ancillary devices to work properly. While most of our equipment has been updated over the years, the wiring and confirguration of equipment is largely the same as it was in 1985 when the facility was built. It is not compatible with new HD equipment. This project would update all of that wiring and system configuration.

G) **Additional Comments**

Part one of this project would convert the master control area in the 809 building to HD. Part 2 of the conversion would be in the 301 area of City Hall.

BMD-100

Capital Improvement Request Part II

Requesting Department: Common Council - City Clerk

Project/Program Title: HD Conversion for City Channel 25 **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$135,000					$135,000
2014 Projection						$0
2015 Projection	$155,000					$155,000
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$290,000	$0	$0	$0	$0	$290,000
Total Project Cost	$290,000	$0	$0	$0	$0	$290,000

Life to Date Expenditures (Project Only)						
						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: 08/01/13

Estimated Completion Date: 08/01/15

Department Head Signature Ronald Leonhardt

Prepared By/Phone Ext Jim Owczarski, Deputy City Clerk

CIC - Capital Improvement Request Part III

Department:	Common Council - City Clerk	Date Submitted:	3/23/2012
Project/Program:	HD Conversion for Channel 25		
Prepared By:	Jim Owczarski	Current Request:	$135,000
Dept Head:	Ronald D. Leonhardt	6 Yr Total:	$290,000

General Project/Program Description:

Replacement of current analog broadcasting equipment used by Channel 25 with HD components. This would also include the rewiring of the master control area in the 809 building and the control area in the 301 complex at City Hall

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: Channel 25 HD 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)?

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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Public Face of LIRA

Requesting Department: Common Council - City Clerk

Prepared By/Phone Ext: Jim Owczarski x2998

Department Head Signature: Ronald Leonhardt

Account No:

A) **Department Priority** 3 of 4 **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** 0 **Total FTEs** 0.0

Position Title No. of Positions FTEs Salaries $

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F) **Project/Program Justification**

For the past several years, the Licensing Division has been developing its LIRA system for the automation of all its operations. The time has come to create an external face for the LIRA including, but not limited to, public access to licensing information and the on-line application for and tracking of licenses.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: Common Council - City Clerk

Project/Program Title: Public Face of LIRA **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$117,500					$117,500
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$117,500	$0	$0	$0	$0	$117,500
Total Project Cost	$117,500	$0	$0	$0	$0	$117,500
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/01/13

Estimated Completion Date: 12/31/13

Department Head Signature Ronald D Leonhardt

Prepared By/Phone Ext Jim Owczarski, x2998

CIC - Capital Improvement Request Part III

Department:	Common Council - City Clerk	Date Submitted:	3/23/2012
Project/Program:	Public Face of LIRA		
Prepared By:	Jim Owczarski, 2998	Current Request:	$117,500
Dept Head:	Ronald D. Leonhardt	6 Yr Total:	$117,500

General Project/Program Description:

This would create a public face for the LIRA software – currently tasked with automating all phases of the Licensing Process for the City Clerk License Division.

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			Uncertain, but likely	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: Public Face of LIRA

*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:

BMD-100

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, 2998 **Department Head Signature:** Ronald Leonhardt

Account No:

A) **Department Priority** 4 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** _____ **Total FTEs** _____

Position Title	No. of Positions	FTEs	Salaries
			$
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F) **Project/Program Justification**

Early in 2010, the research section of the LRB moved into City Hall Room 307. Since that time, the structural inefficiencies and inadequacies of this area have become appraent. It is the intent of this request fo correct these deficiencies.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: Common Council - City Clerk

Project/Program Title: LRB - Research Office Upgrade **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$411,000					$411,000
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$411,000	$0	$0	$0	$0	$411,000
Total Project Cost	$411,000	$0	$0	$0	$0	$411,000

Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/02/13

Estimated Completion Date: 03/01/13

Department Head Signature Ronald Leonhardt

Prepared By/Phone Ext Jim Owczarski, x2998

CIC - Capital Improvement Request Part III

Department:	Common Council - City Clerk	Date Submitted:	3/23/2012
Project/Program:	LRB Renovation		
Prepared By:	Jim Owczarski	Current Request:	$411,000
Dept Head:	Ronald D. Leonhardt	6 Yr Total:	$411,000

General Project/Program Description:
This is a thorough rennovation of the working space of the LRB in Room 307, City Hall.

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: LRB 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*
				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**?

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:

City of Milwaukee

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 7, 2012

Mr. Ronald D. Leonhardt, City Clerk
Office of the City Clerk
City Hall Room 205
Milwaukee, Wisconsin

Dear Mr. Leonhardt:

Subject: 2013 Capital Budget Estimate
Remodeling of Rooms 307, 307A, 307B and 307E City Hall

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, not including changes in walls, cabinets, painting, plumbing, separate furnishings and security. It provides for HVAC upgrades in rooms 307, 307A, 307B and 307E.

The total project cost is as follows:

Construction, including contingencies	$ 345,000
Design	$ 41,000
Administration/Inspection	$ 25,000
Total	$ 411,000

Sincerely,

Venu J. Gupta
Director, Facilities Development and Management
DPW Infrastructure Services

BK:

cc: Venu J. Gupta
Paul Fredrich
Thomas Tarkowski
Richard Pfaff
Michael Krause
Babette Kis
Central File

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City of Milwaukee

Department of Public Works
Infrastructure Services Division

Jeffery J. Mantes
Commissioner of Public Works

Preston D. Cole
Director of Operations

Jeffrey S. Polenske
City Engineer

February 17, 2011

Mr. Ronald D. Leonhardt, City Clerk
Office of the City Clerk
City Hall Room 205
Milwaukee, Wisconsin

Dear Mr. Leonhardt:

Subject: 2012 Capital Budget Estimate
Remodeling of Rooms 307, 307A, 307B and 307E City Hall

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, not including changes in walls, cabinets, painting, plumbing, separate furnishings and security. It provides for HVAC upgrades in rooms 307, 307A, 307B and 307E.

The total project cost is as follows:

Construction, including contingencies	$ 330,000
Design	$ 40,000
Administration/Inspection	$ 24,000
Total	$ 394,000

Sincerely,

Venu J. Gupta
Director, Facilities Development and Management
DPW Infrastructure Services

BK:

cc: Venu J. Gupta
Paul Fredrich
Thomas Tarkowski
Ronald Schoeneck
Richard Pfaff
Michael Krause
Babette Kis
Central File

S:\CapReqs\12\cityclerkcapitalrequest12.docx

City of Milwaukee

www.city.milwaukee.gov

Office of the City Clerk

Ronald D. Leonhardt
City Clerk

Jim Owczarski
Deputy City Clerk

February 8, 2011

Mr. Venu J. Gupta, Director
Facilities Development and Management Section
Department of Public Works-Infrastructure Services Division
Room 602, Frank P. Zeidler Municipal Building

RE: 2012 Capital Budget Estimate Request

Dear Mr. Gupta:

The City Clerk's Office requests an update of the attached Capital Improvement Request that was previously submitted for the 2011 proposed budget for purposes of reconsideration for 2012.

Since this estimate was originally provided for remodeling of Room 307, City Hall, the research staff and manager of the Legislative Reference Bureau were relocated to this area and several improvements were made to the space. As a result, I believe the following items may be deleted or reduced in a current estimate: casework; painting; conference room furnishings; chairs; plumbing; and security.

Please contact Richard Pfaff, LRB Manager, x2267, regarding this project.

Sincerely,

Ronald D. Leonhardt
City Clerk

Cc: Jim Owczarski
Richard Pfaff
Kathy Brengosz
Terry MacDonald

Rdl/budget/2012/capitalestimate-lrb.doc

Capital Improvement Request Form Part I

Project/Program Title: Room 307CH Remodeling **Requesting Department:** Common Council-City Clerk

Prepared By/Phone Ext: Ronald D. Leonhardt, x3781 **Department Head Signature:** Ronald D. Leonhardt

Account No:

A) **Department Priority** 1 of 1 **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

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 ☐ 2009-2014 ☐ 2010-2015 ☐ Yes, Modified ☑ New Request

F) **Project/Program Justification**

Additional staff assigned to the City Clerk's Office has required use of Room 307, formerly used by the Division of Budget and Management Analysis. The room is in need of substantial renovation as well as due for 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 provide a satisfactory work environment.

G) **Additional Comments**

Capital Improvement Request Part II

Requesting Department: Common Council-City Clerk's Office

Project/Program Title: Room 307CH Remodeling **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2010						$0
2011 Budget Request	$435,299					$435,299
2012 Projection						$0
2013 Projection						$0
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
Total Six Year Cost	$435,299	$0	$0	$0	$0	$435,299
Total Project Cost	$435,299	$0	$0	$0	$0	$435,299
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:

	2011	2012	2013	2014	2015	2016
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: Unknown

Estimated Completion Date: Unknown

Department Head Signature Ronald D Leonhardt

Prepared By/Phone Ext Ronald D. Leonhardt, 286-3781

2010 PRELIMINARY CAPITAL ESTIMATE FOR 3rd FLOOR ROOM 307 REMODELING

Section No.	Item	Estimator	Contractor	Outside Contractor Price	City In-House labor	City 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- exig. 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
09680	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 exig. 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 Frequency drive	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 In-House labor	City In-house Materials	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 extg, 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							$ 436,298.67

Remodeling Cost per s.f. = $164.00

City of Milwaukee

Department of City Development

City Plan Commission
Neighborhood Improvement
Development Corporation
Redevelopment Authority

Rocky Marcoux
Commissioner

Martha L. Brown
Deputy Commissioner

MEMORANDUM

March 23, 2012

Memo To: Mark Nicolini, Budget Manager
Department of Administration, Budget and Management Division

From: Rocky Marcoux, Commissioner
Department of City Development

Subject: Submittal of 2013 Department of City Development Capital Budget

The Department of City Development is submitting to your office the 2013 Capital Budget for your review.

If you have any questions or need additional information, please contact David Schroeder at extension 5933. Thank you.

Enclosures

2013 Capital Budget Request

		2013 Request	CIP	2012 Adopted	Difference (vs 2012)	Difference (vs CIP)
BID Fund		$250,000	$250,000	$250,000	$0	$0
NCSDIF		$800,000	$500,000	$500,000	$300,000	$300,000
Advanced Planning		$175,000	$175,000	$175,000	$0	$0
Healthy Neighborhoods		$200,000	$200,000	$200,000	$0	$0
Façade Fund		$500,000	$500,000	$500,000	$0	$0
Brownfields Fund		$500,000	$500,000	$500,000	$0	$0
Housing Infrastructure Fund		$800,000	$800,000	$800,000	$0	$0
InRem Property Program		$150,000	$0	$0	$150,000	$150,000
TID	New Borrowing	$35,000,000		$20,000,000	$15,000,000	
	Cap Interest	$3,500,000		$2,000,000	$1,500,000	
	Dev Revenues	$3,685,000		$4,251,000	-$566,000	
	TID total	$42,185,000	$26,251,000	$26,251,000	$15,934,000	$15,934,000
Total		$45,560,000	$29,176,000	$29,176,000	$16,384,000	$16,384,000
Total - NON TID		$3,375,000	$2,925,000	$2,925,000	$450,000	$450,000

BMD-100

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:
Account No: UR04113000A

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 ☑ 2011-2016 ☑ 2012-2017 ☐ 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. A list of potenital projects for 2012-2013 is attached.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: City Development

Project/Program Title: Business Improvement Districts **Account No:** UR04113000A

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$250,000					$250,000
2014 Projection	$250,000					$250,000
2015 Projection	$250,000					$250,000
2016 Projection	$250,000					$250,000
2017 Projection	$250,000					$250,000
2018 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

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: 01/01/13

Estimated Completion Date: 12/31/13

Department Head Signature

Prepared By/Phone Ext David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/23/2012
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)?

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:

BIDs contribute for improvements in the public right of way, savings vs. the City paying wholly for those improvements.

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:

BMD-100

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:

Account No: ST04013000A

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 ☑ 2011-2016 ☑ 2012-2017 ☑ 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 Transportaton Enhancement Grants). A list of potential projects for 2012-2013 is attached.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: City Development

Project/Program Title: Neighborhood Commercial District Street Improvement Fund **Account No:** ST04013000A

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$800,000					$800,000
2014 Projection	$600,000					$600,000
2015 Projection	$600,000					$600,000
2016 Projection	$600,000					$600,000
2017 Projection	$600,000					$600,000
2018 Projection	$600,000					$600,000
Total Six Year Cost	$3,800,000	$0	$0	$0	$0	$3,800,000
Total Project Cost	$3,800,000	$0	$0	$0	$0	$3,800,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: 01/01/13

Estimated Completion Date: 12/31/13

Department Head Signature

Prepared By/Phone Ext David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/23/2012
Project/Program:	Neighborhood Commercial District Street Improvement Fund		
Prepared By:	David Schroeder	Current Request:	$800,000
Dept Head:	Rocky Marcoux	6 Yr Total:	$3,800,000

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 Transportaton 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)?
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:				

NCDSIF & BID Projects

	2012	2013
NCDSIF		
allocated	$ 398,701.00	
unallocated	$ 1,016,842.01	
budget request		$ 500,000.00
Current NCDSIF Balance	**$ 1,415,543.01**	
BID Fund		
Current Balance	$ 1,529,908.19	
budget request		$ 250,000.00
	$ 1,529,908.19	$ 750,000.00

2011 Projects

	NCDSIF	BID Fund
Fond Du lac/North Avenue	$ 130,000.00	$ -
Fond Du lac/North Avenue - SPENT as of 3-14-12	$ (27,554.83)	
Bronzeville Phase One/Two (in progress, 0 spent)	$ 210,000.00	
Riverworks (2009)		$ 140,000.00
North Avenue Market Place BID #32 (going to CC by 6-12)	$ 150,000.00	$ 150,000.00
Total	**$ 462,445.17**	**$ 290,000.00**
NCDSIF balance after 2011 projects funded	**$ 953,097.84**	
BID balance after 2011 projects funded		**$ 1,239,908.19**

2012 Projects

	NCDSIF	BID Fund
Historic King Drive BID 08	$ 500,000.00	$ 500,000.00
Lincoln Ave/Becher	$ 200,000.00	$ 200,000.00
Total	**$ 700,000.00**	**$ 700,000.00**
NCDSIF balance after 2012 projects funded	**$ 253,097.84**	
BID balance after 2012 projects funded		**$ 539,908.19**

2013 Projects

	NCDSIF	BID Fund
Kinnickinnic Streetscape	$ 250,000.00	$ 250,000.00
Center Street	$ 250,000.00	$ 250,000.00
Prospect Avenue	tbd	tbd
Total	**$ 500,000.00**	**$ 500,000.00**
NCDSIF balance after 2012 projects funded	**$ (246,902.16)**	
BID balance after 2012 projects funded		**$ 39,908.19**
2013 request	$ 600,000.00	$ 250,000.00
NCDSIF balance with 2013 appropriation as requested	**$ 353,097.84**	
BID balance with 2013 appropriation as requested		**$ 289,908.19**

BMD-100

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: UR01213000A

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
Graduate Intern	4	2.0	$ 50,000
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ 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 activities: comprehensive plan updates, GIS activities, market analysis, and data analysis.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: City Development

Project/Program Title: Advance Planning Fund **Account No:** UR01213000A

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$175,000					$175,000
2014 Projection	$175,000					$175,000
2015 Projection	$175,000					$175,000
2016 Projection	$175,000					$175,000
2017 Projection	$175,000					$175,000
2018 Projection	$175,000					$175,000
Total Six Year Cost	$1,050,000	$0	$0	$0	$0	$1,050,000
Total Project Cost	$1,050,000	$0	$0	$0	$0	$1,050,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/01/13

Estimated Completion Date: 12/31/13

Department Head Signature Ruf Mau

Prepared By/Phone Ext David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/23/2012
Project/Program:	Advance Planning Fund		
Prepared By:	David Schroeder	Current Request:	$175,000
Dept Head:	Rocky Marcoux	6 Yr Total:	$1,050,000

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)?

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:

2013 Advance Planning Account	2013 Amount	Notes
Area Plan Account		
Comprehensive Area Plan Implementation	$50,000	Downtown Plan catalytic projects and strategic land use plans
2 Sub-Accounts		
Professional Development	$12,000	Attendance for conferences and courses
Software and GIS licensing	$8,000	Soft Ware (ArcView) licenses
Graduate Students (Planning & GIS) and scholar 3-4 total	$50,000	bolsters our relationship with UWM SARUP
Market/Data Analysis	$43,000	citywide industrial
Other	$12,000	Miscellaneous expenses
Total	$175,000	

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Healthy Neighborhoods Initiative
Requesting Department: City Development
Prepared By/Phone Ext: David Schroeder/5933
Department Head Signature:
Account No: UR046130000

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** 1 **Total FTEs** 0.6

Position Title	No. of Positions	FTEs	Salaries
Community Outreach Liaison	1	0.6	$ 30,000
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ 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.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: City Development

Project/Program Title: Healthy Neighborhoods Initiative **Account No:** UR046130000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$200,000					$200,000
2014 Projection	$200,000					$200,000
2015 Projection	$200,000					$200,000
2016 Projection	$200,000					$200,000
2017 Projection	$200,000					$200,000
2018 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

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/01/13

Estimated Completion Date: 12/31/13

Department Head Signature

Prepared By/Phone Ext David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/23/2012
Project/Program:	Healthy Neighborhoods Initiative		
Prepared By:	David Schroeder	Current Request:	$200,000
Dept Head:	Rocky Marcoux	6 Yr Total:	$1,200,000

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)?

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			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?

Comments / Other Considerations:

Healthy Neighborhoods Funding Breakdown

Funding:

2010	$200,000
2011	$200,000
2012	$200,000

2013 Request: $200,000

9 Current Healthy Neighborhoods:

- Capitol Heights
- Enderis Park
- Havenwoods
- Johnsons Park
- Lincoln Village
- Martin Drive
- Sherman Park
- Silver City
- Thurston Woods

2013 Request Breakdown:

$100,000	Projects within the neighborhoods
$70,000	Community improvement projects
$30,000	Administration (proposed increase from $10,000 in 2012)

BMD-100

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:
Account No: UR05013000A

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 ☑ 2011-2016 ☑ 2012-2017 ☐ 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. Prior to 2012, funding for this program was contained within the Development Fund.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: City Development

Project/Program Title: Façade Program **Account No:** UR05013000A

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$500,000					$500,000
2014 Projection	$500,000					$500,000
2015 Projection	$500,000					$500,000
2016 Projection	$500,000					$500,000
2017 Projection	$500,000					$500,000
2018 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

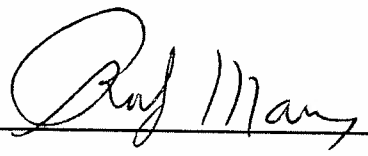
Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
Thorough Cost Estimate	☐	☐	☐	☐	☐	☐
Limited Information	☑	☑	☑	☑	☑	☑
Based on Cost of Similar Projects	☐	☐	☐	☐	☐	☐
Unsupported	☐	☐	☐	☐	☐	☐

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: 01/01/13

Estimated Completion Date: 12/31/13

Department Head Signature 

Prepared By/Phone Ext David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/23/2012
Project/Program:	Façade Program		
Prepared By:	David Schroeder	Current Request:	$500,000
Dept Head:	Rocky Marcoux	6 Yr Total:	$3,000,000

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. Prior to 2012, funding for this program was contained within the Development 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: 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)?

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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Brownfield Program
Requesting Department: City Development
Prepared By/Phone Ext: David Schroeder/5933
Department Head Signature:
Account No: UR05113000A

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 ☑ 2011-2016 ☑ 2012-2017 ☐ 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**

BMD-100

Capital Improvement Request Part II

Requesting Department: City Development

Project/Program Title: Brownfield Program **Account No:** UR05113000A

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$500,000					$500,000
2014 Projection	$500,000					$500,000
2015 Projection	$500,000					$500,000
2016 Projection	$500,000					$500,000
2017 Projection	$500,000					$500,000
2018 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

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: 01/01/13

Estimated Completion Date: 12/31/13

Department Head Signature

Prepared By/Phone Ext David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/23/2012
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)?

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			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?

Comments / Other Considerations:

BMD-100

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:
Account No: UR048130000

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** 1 **Total FTEs** 0.5

Position Title	No. of Positions	FTEs	Salaries
Real Estate Analyst	1	0.5	$ 27,369
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ 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 charicteristic of the surrounding neighborhood to demolish. The goal is to preserve the properites and prepare them for eventual sale. The department is requesting an equal amount of funding for the 2013 budget that was approved in the 2012 budget.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: City Development

Project/Program Title: Housing Infrastructure Preservation Program **Account No:** UR048130000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$800,000					$800,000
2014 Projection	$400,000					$400,000
2015 Projection	$400,000					$400,000
2016 Projection	$400,000					$400,000
2017 Projection	$400,000					$400,000
2018 Projection	$400,000					$400,000
Total Six Year Cost	$2,800,000	$0	$0	$0	$0	$2,800,000
Total Project Cost	$2,800,000	$0	$0	$0	$0	$2,800,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: 01/01/13

Estimated Completion Date: 12/31/13

Department Head Signature

Prepared By/Phone Ext David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/23/2012
Project/Program:	Housing Infrastructure Preservation Fund		
Prepared By:	David Schroeder	Current Request:	$800,000
Dept Head:	Rocky Marcoux	6 Yr Total:	$2,800,000

General Project/Program Description:

The funding goes towards major repairs of City owned properties that have been deemed historic or too valuable to the charicteristic of the surrounding neighborhood to demolish. The goal is to preserve the properites 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)?

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:

BMD-100

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:

Account No: UR049130000

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 ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

The funding goes towards minor capital repairs and improvements to improved residential properties obtained by the City of Milwaukee through foreclosure. Currently, the City has 700 foreclosed improved residential properties in its inventory and expects 600-800+ additional properties to be acquired in 2012. The deparment is working with the Common Council to create a rent-to-own program (Common Council Resolution Number 111151) that would create additional funding needs from this account.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: City Development

Project/Program Title: In Rem Property Program **Account No:** UR049130000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$150,000					$150,000
2014 Projection	$150,000					$150,000
2015 Projection	$150,000					$150,000
2016 Projection	$150,000					$150,000
2017 Projection	$150,000					$150,000
2018 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

Available Cost Estimate:

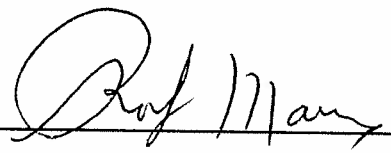
	2013	2014	2015	2016	2017	2018
Thorough Cost Estimate	☐	☐	☐	☐	☐	☐
Limited Information	☑	☑	☑	☑	☑	☑
Based on Cost of Similar Projects	☐	☐	☐	☐	☐	☐
Unsupported	☐	☐	☐	☐	☐	☐

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: 01/01/13

Estimated Completion Date: 12/31/13

Department Head Signature 

Prepared By/Phone Ext David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/23/2012
Project/Program:	In Rem Property Program		
Prepared By:	David Schroeder	Current Request:	$800,000
Dept Head:	Rocky Marcoux	6 Yr Total:	$2,800,000

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. Currently, the City has 700 foreclosed improved residential properties in its inventory and expects 7600-800+ additional properties to be acquired in 2012.

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)?
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:				

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Tax Incremental Districts
Requesting Department: City Development
Prepared By/Phone Ext: David Schroeder/5933
Department Head Signature:
Account No: TD00130000

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 ☑ 2011-2016 ☑ 2012-2017 ☑ 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.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: City Development

Project/Program Title: Tax Incremental Districts **Account No:** TD00130000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$38,500,000		$3,685,000			$42,185,000
2014 Projection	$38,500,000		$3,685,000			$42,185,000
2015 Projection	$38,500,000		$3,685,000			$42,185,000
2016 Projection	$38,500,000		$3,685,000			$42,185,000
2017 Projection	$38,500,000		$3,685,000			$42,185,000
2018 Projection	$38,500,000		$3,685,000			$42,185,000
Total Six Year Cost	$231,000,000	$0	$22,110,000	$0	$0	$253,110,000
Total Project Cost	$231,000,000	$0	$22,110,000	$0	$0	$253,110,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: 01/01/13

Estimated Completion Date: 12/31/13

Department Head Signature

Prepared By/Phone Ext David Schroeder/5933

CIC - Capital Improvement Request Part III

Department:	City Development	Date Submitted:	3/23/2012
Project/Program:	Tax Increment Districts		
Prepared By:	David Schroeder	Current Request:	$38,500,000
Dept Head:	Rocky Marcoux	6 Yr Total:	$231,000,000

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.

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)?

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:

City of Milwaukee

Department of Neighborhood Services
Inspectional services for health, safety and neighborhood improvement

Art Dahlberg
Commissioner

Thomas G. Mishefske
Operations Manager

Date: March 22, 2012

To: Capital Improvement Committee, Ald. Joe Dudzik Chair
Staff Assistant Kathy Brengosz

To: Budget Office, Room 603
Eric Pearson, Budget Analyst

From: Art Dahlberg, Commissioner AD

Re: 2013 Capitol Improvement Request
Conversion of the Anderson Water Tower Garage

For the 2013 budget, the Department of Neighborhood Services is submitting one capital improvement request which is to convert the Anderson Water Tower Garage into finished office space to accommodate 25-27 staff.

Attachments

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Conversion of Anderson Water Tower Garage

Requesting Department: Neighborhood Services

Prepared By/Phone Ext: Tom Mishefske 286-2548

Department Head Signature:

Account No:

A) **Department Priority** 1 of 1 **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 ☐ 2011-2016 ☐ 2012-2017 ☐ 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 3 budget years, DNS has added 11 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 two years DNS has reconfigured our two offices (downtown 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 was taken over by the Unified Call Center. DNS has a number of vacant positions that we expect to fill in 2012. We don't have enough office space to accommodate this additional 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.

BMD-100

Capital Improvement Request Part II

Requesting Department: 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 2012						$0
2013 Budget Request	$695,000					$695,000
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$695,000	$0	$0	$0	$0	$695,000
Total Project Cost	$695,000	$0	$0	$0	$0	$695,000

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

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 03/01/13

Estimated Completion Date: 12/31/13

Department Head Signature

Prepared By/Phone Ext Tom Mishefske x2548

CIC - Capital Improvement Request Part III

Department:	Neighborhood Services	Date Submitted:	3/22/2012
Project/Program:	Conversion of Anderson Water Tower Garage		
Prepared By:	Tom Mishefske	Current Request:	$695,000
Dept Head:	Art Dahlberg	6 Yr Total:	

General Project/Program Description:

Coversion of unfinished garage to a finished office space including furniture and equipment for ____ 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?
				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 finished space will need to be furnished with cubicals, desks, chairs, file cabinets, copy/fax/scanner, and other miscellanous office equipment.

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:

DNS is outgrowning it limited office space. We no longer have enough office space to accommodate our staff. Delay in approval of this request will force DNS to seek alternative office locations (public or private).

City of Milwaukee

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:

1st Floor Garage Portion Remodeling, including contingencies	$	382,000
Design	$	52,500
Administration/Inspection	$	30,500
Total garage remodeling	**$**	**465,000**
2nd Floor Remodeling, including contingencies	$	191,000
Design	$	19,200
Administration/Inspection	$	15,300
Total 2nd 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

S:\CapReqs\13\DNSLAKETOWERcapitalrequest13.docx

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Fire Facilities Maintenance
Requesting Department: Milwaukee Fire Department
Prepared By/Phone Ext: BC Aaron Lipski / 8975 - Emma Stamps
Department Head Signature:
Account No: FR130130100

A) **Department Priority** 1 of 3 **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

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 ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

In support of the CIC's stated desire and the MFD's observed need, a needs assessment of Fire Facilities was undertaken and concentrated into a 20-year capital asset plan, on which this request is founded. Continued support of the Milwaukee Fire Department's ongoing facility maintenance and repair program will enhance our efforts to maintain or lengthen the expected lifespan and safe operating conditions of the 41 facilities in our care. Urgent items from the 20-year plan in the near horizon timeline were consolidated into this FY2013 request to achieve greater pre-inflation savings and to allow for enjoying greater economy of scale in the pursuit of these repairs. This increasingly aggressive fixed capital asset plan will result in the long-term savings previously described as well as increased safety and health for all members of the Milwaukee Fire Department.

G) **Additional Comments**

A combination of industry-standard estimating techniques and actual quotes was used to formulate this request.

BMD-100

Capital Improvement Request Part II

Requesting Department: Milwaukee Fire Department

Project/Program Title: Fire Facilities Maintenance **Account No:** FR130130100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$883,148					$883,148
2013 Budget Request	$1,063,000					$1,063,000
2014 Projection	$855,000					$855,000
2015 Projection	$679,000					$679,000
2016 Projection	$621,000					$621,000
2017 Projection	$561,000					$561,000
2018 Projection	$465,000					$465,000
Total Six Year Cost	$4,244,000	$0	$0	$0	$0	$4,244,000
Total Project Cost	$5,127,148	$0	$0	$0	$0	$5,127,148
Life to Date Expenditures (Project Only)	$1,216,727	$0	$0	$0	$0	$1,216,727

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: Existing

Estimated Completion Date: On-going

Department Head Signature

Prepared By/Phone Ext BC Aaron Lipski / ext 8975 - Emma J Stamps / ext. 5281

CIC - Capital Improvement Request Part III

Department:	Milwaukee Fire Department	Date Submitted:	3/23/2012
Project/Program:	Fire Facilities Maintenance		
Prepared By:	BC Aaron Lipski / 8978 / Emma J Stamps / 5281	Current Request:	$1,063,000
Dept Head:		6 Yr Total:	$4,244,000

General Project/Program Description:

Continued support of the Milwaukee Fire Department's ongoing facility maintenance and repair program will enhance our efforts to maintain or lengthen the expected lifespan and safe operating conditions of the Fire Stations. Internally, this program accounts for interiors, overhead door replacements, masonry, windows, roofs, ventilation and HVAC.

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:

Presently, numerous mold mitigation efforts are underway. The presence of mold resulted from deferred maintenance on the building envelopes, specifically roofing repairs and replacements. Mold, while typically a low-level health hazard, has the potential to adversely impact populations with pre-existing conditions such as asthma or sensitivity to other respiratory issues.

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 **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			Reduction	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:

The Fire Department continues to work closely with the Office of Environmental Sustainability Energy Reduction Team to develop and implement energy reduction strategies. The ongoing installation of solar hot water heaters and the comprehensive energy auditing of our highest energy usage per foot facilities (and the implementation of energy reduction recommendations) demonstrate our commitment to energy reduction.

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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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 or does it target one demographic?
		X		Is one population affected positively and another negatively?
		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:

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
X				How does the request effect 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? (See Below)
X				Have you documented costs 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 or lengthening the lifespan of existing structures is fiscally optimal but must be closely monitored to avoid repair/maintanence costs exceeding reasonable facility replacement costs. Regarding unplanned or corrective maintenance, as examples of costly upkeep projects, we presently have several major roof repair/replacement projects as well as mold mitigation underway. These projects are in buildings which are grouped by age with numerous other MFD structures.

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:

Milwaukee Fire Department Fire Facilities Maintenance Projected Costs 2013-2018

(Inflation Escalator - 3%)	2013 REQ	2014	2015	2016	2017	2018	6-Year CIP TOTAL	6YR CIP TOTAL ROUNDED
Flooring	90,000	185,400	47,741	49,173	50,648	52,167	475,128	475,000
Roofs	296,000	272,000	327,000	340,000	175,000	175,000	1,585,000	1,585,000
Electrical Upgrades	-	-	-	-	-	-	-	-
HVAC	60,000	-	39,784	8,195	8,441	17,389	133,810	134,000
Boiler	150,000	25,750	26,523	27,318	28,138	28,982	286,710	287,000
Tuck Pointing	-	-	-	-	-	-	-	-
Painting	105,000	77,250	79,568	32,782	33,765	34,778	363,143	363,000
A/C	24,000	24,720	8,487	8,742	9,004	9,274	84,227	84,000
Overhead Doors	38,000	7,828	32,251	8,305	51,323	44,052	181,760	182,000
Windows	93,600	48,204	49,650	76,709	105,348	54,254	427,765	428,000
Apparatus Floors	-	-	-	-	-	-	-	-
Door (Entrance/Exit)	96,000	49,440	25,462	26,225	54,024	13,911	265,063	265,000
Foundations	-	-	-	-	-	-	-	-
Mold	40,000	123,600	21,218	21,855	22,510	23,185	252,368	252,000
Concrete	70,000	41,200	21,218	21,855	22,510	11,593	188,375	188,000
								-
Yearly Total	1,062,600	855,392	678,901	621,159	560,712	464,587	4,243,350	4,243,000
Rounded Yearly Total	1,063,000	855,000	679,000	621,000	561,000	465,000	4,243,000	

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Fire Major Capital Equipment

Requesting Department: Milwaukee Fire Department

Prepared By/Phone Ext: BC Aaron Lipski / 8975 - Emma J Stamps

Department Head Signature:

Account No: FR130130200

A) **Department Priority** 2 of 3 **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

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 ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

Fire Engines - MFD presently operates and maintains 50 units (36 frontline and 14 reserve); **Ladder Trucks** - MFD presently operates and maintains 22 units (15 frontline and 7 reserve); **Paramedic Ambulances** - MFD presently operates and maintains 22 units (15 frontline, 5 reserve, and 2 MMRS SURGE vehicles). NFPA Standards recommend shifting from frontline to reserve status on Fire Apparatus at the the 15 year mark. Parts obsolescence, increased rate of asset failure (and corresponding labor assignment to complete repairs), and corresponding out-of-service time for Firefighters assigned to a Fire Apparatus that fails mid-shift, necessitate the continuation of this replacement program. While the reserve pool appears large, by its very definition it can be relied upon only for staggered, punctuated assignments to backfill for frontline units undergoing maintenance or repair work. In many cases, reserve units are themselves inoperable as parts have been recovered from them to keep frontline apparatus working.

G) **Additional Comments**

This Capital Improvement Request recognizes the fiscal challenges the City of Milwaukee is facing. It balances those challenges with the clear need to provide safe, efficient, reliable, and all-hazard capable firefighting apparatus and ambulances to those tasked with utilizing these assets to preserve life and protect property. Any sustained or increased reductions will eventually result in excessive repair costs as outlined above. Of note, the foundational cost assumptions on which previous budget request projections were made have been recalibrated to more accurately reflect recent actual costs. Further, the purchasing pattern was again re-evaluated and opportunities to achieve greater efficiencies were found and so assigned. [see attached replacement schedule] This comprehensive approach will result in a request that comes in below preliminary Budget Office projections for FY2013.

BMD-100

Capital Improvement Request Part II

Requesting Department: Milwaukee Fire Department

Project/Program Title: Fire Major Capital Equipment **Account No:** FR130130200

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$5,286,417					$5,286,417
2013 Budget Request	$2,230,000					$2,230,000
2014 Projection	$3,101,000					$3,101,000
2015 Projection	$3,810,000					$3,810,000
2016 Projection	$2,744,000					$2,744,000
2017 Projection	$3,203,000					$3,203,000
2018 Projection	$4,527,000					$4,527,000
Total Six Year Cost	$19,615,000	$0	$0	$0	$0	$19,615,000
Total Project Cost	$24,901,417	$0	$0	$0	$0	$24,901,417
Life to Date Expenditures (Project Only)	$23,077,761	$0	$0	$0	$0	$23,077,761

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: Existing

Estimated Completion Date: Ongoing

Department Head Signature _____

Prepared By/Phone Ext BC Aaron Lipski / ext 8975 - Emma J Stamps / ext. 5281

CIC - Capital Improvement Request Part III

Department:	Milwaukee Fire Department	Date Submitted:	3/23/2012
Project/Program:	Fire Major Capital Equipment		
Prepared By:	BC Aaron Lipski / 8975 - Emma J Stamps / 5281	Current Request:	$2,230,000
Dept Head:		6 Yr Total:	$19,615,000

General Project/Program Description:

NFPA Standards recommend shifting from frontline to reserve status on Fire Apparatus at the 15 year mark. Parts obsolescence, increased rate of asset failure (and corresponding labor assignment to complete repairs), and corresponding out-of-service time for Firefighters assigned to a Fire Apparatus that fails mid-shift, necessitate the continuation 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 **serious negative impact** on the City if compliance is not achieved?
		X		Are there **other ways to mitigate** the regulatory concern?

Comments / Other Considerations:

Updated EPA regulations are addressed and represented as increases in costs of all new Fire Engines, Ladder Trucks, and Ambulances.

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:

Attempts were made and were unsuccessful to secure grant funding for the purchase of Fire Apparatus.

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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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 or does it target one demographic?
		X		Is one population affected positively and another negatively?
		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:

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
X				How does the request effect 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		SEE BELOW	Do **maintenance costs** exceed replacement costs? (See Below)
		X		Have you documented costs 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:

At present, the Milwaukee Fire Department Construction & Maintenance Division is implementing an automated data collection computer program in order to effectively address the 'maintenance vs. replacement' question. A statistically significant data set has not yet been compiled. That said, a comprehensive replacement cycle evaluation was undertaken to ensure the most efficient purchasing patterns are utilized.

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 Milwaukee Fire Department uses locally available vendors (Wisconsin based) for the purchase of its Fire Engines, Ladder Trucks, and Ambulances.

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:

Milwaukee Fire Department Fire Major Capital Purchasing Plan / Projected Costs 2013-2018

Vehicle Type	2013 REQ	2014	2015	2016	2017	2018	6-Year CIP TOTAL
Multiplier	1.03	1.05	1.03	1.03	1.05	1.03	
ENGINES	497,000	522,000	538,000	555,000	583,000	601,000	
Purchasing Pattern (2-3-3)	2	3	3	2	3	3	
TOTAL	994,000	1,566,000	1,614,000	1,110,000	1,749,000	1,803,000	8,836,000
TRUCKS	790,000	830,000	855,000	881,000	926,000	954,000	
Purchasing Pattern (1-1-2)	1	1	2	1	1	2	
TOTAL	790,000	830,000	1,710,000	881,000	926,000	1,908,000	7,045,000
MED UNITS	223,000	235,000	243,000	251,000	264,000	272,000	
Purchasing Pattern (2-3-2-3)	2	3	2	3	2	3	
TOTAL	446,000	705,000	486,000	753,000	528,000	816,000	3,734,000
YEARLY TOTAL	2,230,000	3,101,000	3,810,000	2,744,000	3,203,000	4,527,000	19,615,000

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Auxiliary Power Supply-Generators
Requesting Department: Milwaukee Fire Department
Prepared By/Phone Ext: BC Aaron Lipski / 8975 - Emma J Stamps
Department Head Signature:
Account No: FR130070100

A) **Department Priority** 3 of 3 **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

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 ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

Continued placement of backup electrical generators at First Responder facilities is a critical public safety need. It allows for uninterrupted and consistently rapid responses to emergencies regardless of the status of the electrical grid (outages due to inclement weather, terrorist activity, maintenance/repair). This request funds backup generator purchases and installations at each Fire Station and originally assumed installations would occur at a rate of 2/year. Twenty-two Fire Stations have already been outfitted with backup electrical generators. Including the two presently awaiting installation, thirteen Milwaukee Fire Stations remain without backup electrical generators.

G) **Additional Comments**

New generator costs range from $25,000-$30,000. The Bureau of Electrical Services estimates that the remaining installation costs will average $70,000 per unit due to an increase in the cost of copper and the fact that many of the remaining installation sites will require more complex modifications and/or upgrades to the existing electrical systems to accommodate the addition of the auxiliary generator. Spreading the remaining installations to stay within $110,000/year will put us at 1/year installed, pushing the end date of this project into 2023.

BMD-100

Capital Improvement Request Part II

Requesting Department: Milwaukee Fire Department

Project/Program Title: Auxiliary Power Supply-Generators **Account No:** FR130070100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$289,209					$289,209
2013 Budget Request	$110,000					$110,000
2014 Projection	$110,000					$110,000
2015 Projection	$110,000					$110,000
2016 Projection	$110,000					$110,000
2017 Projection	$110,000					$110,000
2018 Projection	$110,000					$110,000
Total Six Year Cost	$660,000	$0	$0	$0	$0	$660,000
Total Project Cost	$949,209	$0	$0	$0	$0	$949,209
Life to Date Expenditures (Project Only)	$280,791	$0	$0	$0	$0	$280,791

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/01/13

Estimated Completion Date: 12/31/23

Department Head Signature _____

Prepared By/Phone Ext BC Aaron Lipski / ext 8975 - Emma J Stamps / ext. 5281

CIC - Capital Improvement Request Part III

Department:	Milwaukee Fire Department	Date Submitted:	3/23/2012
Project/Program:	Auxiliary Power Supply-Generators		
Prepared By:	BC Aaron Lipski / 8975 - Emma J Stamps / 5281	Current Request:	$110,000
Dept Head:		6 Yr Total:	$660,000

General Project/Program Description:

Continued placement of backup electrical generators at First Responder facilities is a critical public safety need. It allows for uninterrupted and consistently rapid responses to emergencies regardless of the status of the electrical grid (outages due to inclement weather, terrorist activity, 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 **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 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:

In those events in which electrical power is lost to a fire station or stations, auxiliary power generators allow the Milwaukee Fire Department to increase what would otherwise be a large loss of productivity from those stations affected (radio battery charging, apparatus charging, overhead door operation, CAD & mobile dispatching system operations, etc.). Current electrical backup systems are inadequate to accomplish 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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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 or does it target one demographic?
		X		Is one population affected positively and another negatively?
		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:

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
		X		How does the request effect 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? (See Below)
	X			Have you documented costs 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:

BMD-100

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 Aaron Lipski / 8975 - Emma Stamps

Department Head Signature:

Account No: FR130131000

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 unknown

C) **Project/Program Duration**

One Year ☐ Yes ☐ No

On-Going Program ☐ Yes ☐ No

Multi-Year ☑ Yes ☐ No Number of Years Unknown

D) **Total Positions** 0 **Total FTEs** 0.0

Position Title	No. of Positions	FTEs	Salaries
			$
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F) **Project/Program Justification**

This request serves as a placeholder in the 2013 Capital Improvement budget, until such time as experts can produce documented cost estimates for land acquisition, site preparation, engineering studies and construction of a new Fire Repair Shop. The Fire Department anticipates receiving the report in early April 2012.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: Milwaukee Fire Department

Project/Program Title: Fire Shop Acquisition/Design/Construction **Account No:** FR130131000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	unknown					$0
2014 Projection	unknown					$0
2015 Projection	unknown					$0
2016 Projection	unknown					$0
2017 Projection	$0					$0
2018 Projection	$0					$0
Total Six Year Cost	$0	$0	$0	$0	$0	$0
Total Project Cost	$0	$0	$0	$0	$0	$0
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: Undetermined

Estimated Completion Date: Undetermined

Department Head Signature

Prepared By/Phone Ext BC Aaron Lipski / ext 8975 - Emma J Stamps / ext. 5281

CIC - Capital Improvement Request Part III

Department:	Milwaukee Fire Department	Date Submitted:	3/23/2012
Project/Program:	Fire Shop Acquisition/Design/Construction		
Prepared By:	BC Aaron Lipski / 8975 - Emma J Stamps / 5281	Current Request:	unknown
Dept Head:		6 Yr Total:	unknown

General Project/Program Description:

This request serves as a placeholder in the 2013 Capital Improvement budget, until such time as experts can produce a documented cost estimates for land acquisition, site preparation, engineering studies and construction of a new Fire Repair Shop. The Fire Department anticipates receiving the report in early April 2012.

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**
				Does the project **directly reduce risks** to people or property?
				Does the project **directly promote improved health or safety**?
				Does the project **mitigate an immediate risk**?

Comments / Other Considerations:

Yes	No	N/A	Amount	**Regulatory Compliance**
				Does the project **address** a legislative, regulatory or court-ordered **mandate**?
				Does the project promote **long-term regulatory compliance**?
				Will there be **serious negative impact** on the City if compliance is not achieved?
				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?
				Does the project **minimize life-cycle costs**?
				Will the facility require **additional personnel** to operate?
				Will the project lead to a **reduction in operating costs**?
				Will the project lead to **increased productivity or service improvements?**
				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?
				Is there a **revenue generating opportunity**? (e.g. user fees)
				Will the project result in a reduction or increase in **energy use**?
				Does the project involve **specific energy reduction strategies** or features?
				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:

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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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 or does it target one demographic?
				Is one population affected positively and another negatively?
				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, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
				How does the request effect the pertinent 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? (See Below)
				Have you documented costs 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**?

Comments / Other Considerations:

Maintaining or lengthening the lifespan of existing structures is fiscally optimal but must be closely monitored to avoid repair/maintanence costs exceeding reasonable facility replacement costs. Regarding unplanned or corrective maintenance, as examples of costly upkeep projects, we presently have several major roof repair/replacement projects as well as mold mitigation underway. These projects are in buildings which are grouped by age with numerous other MFD structures.

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**?
				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?

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:

BMD-100

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: R. Hernandez

Account No: BU110100800/BU110110500/BU11012050(

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 2 (SSHC Windows)

D) **Total Positions** _____ **Total FTEs** _____

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

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

The 2013 Capital Improvement Budget Request includes the following INTERIOR projects: general interior painting. The 2013 Capital Improvement Budget Request includes the following EXTERIOR projects: funding for misc. roof repairs, general tuckpointing and the second year funding for a 2-year project to replace windows at SSHC. The 2013 Capital Improvement Budget Request includes the following MECHANICAL projects: Annual testing and maintenance on recently installed generaotrs, annual testing and maintenance on Sprinklers installed in 2009 at SSHC and NWHC, card access/security alarm electonic equipment update (annual updates needed), annual elevator maintenance for all buildings, replacement water heater at SSHC and funding for the replacement of the HVAC controls as SSHC.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: HEALTH DEPARTMENT

Project/Program Title: HEALTH FACILITIES CAPITAL PROJECTS **Account No:** BU110100800/BU110110500/BU110120500

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$450,000					$450,000
2013 Budget Request	$485,000					$485,000
2014 Projection	$680,000					$680,000
2015 Projection	$655,000					$655,000
2016 Projection	$620,000					$620,000
2017 Projection	$465,000					$465,000
2018 Projection	$560,000					$560,000
Total Six Year Cost	$3,465,000	$0	$0	$0	$0	$3,465,000
Total Project Cost	$3,915,000	$0	$0	$0	$0	$3,915,000
Life to Date Expenditures (Project Only)	$93,874					$93,874

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: 01/01/11

Estimated Completion Date: ON-GOING

Department Head Signature R. Almanacio

Prepared By/Phone Ext Yvette M. Rowe/X3997

CIC - Capital Improvement Request Part III

Department:	HEALTH DEPARTMENT	Date Submitted:	3/23/2012
Project/Program:	HEALTH FACILITIES CAPITAL PROJECTS		
Prepared By:	Yvette M. Rowe	Current Request:	$450,000
Dept Head:	Bevan K. Baker, FACHE	6 Yr Total:	$3,465,000

General Project/Program Description:

The Health Facilites Capital Project Account consists of various funding appropriations for Health Center facility repairs, replacements and maintenance. These consist of various 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 regular repairs and maintenance reduces the risk of facility degredation 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			minor-see comments	What **return on investment** will this project generate?
X			20 years min. on windows	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 SSHC Window Replacement project is estimated to yield approximately 10% reduction in cooling and 20% reduction in heating. The estimated payback on this project is approximately 20 years, however the project will not only improve heating and cooling efficiency, it will also create a more comfortable environment for our employees and clients with improved air quality resulting from higher efficiency double paned windows. Air leakage is currrently a huge issue for these windows.

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

Project/Program: HEALTH FACILITIES CAPITAL 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*
		X		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		responsible manner?
		X		pollution including noise and/or light pollution)?

Comments / Other Considerations:

None of the specific area plans logistically applicable to the location of our Health Centers address Health Care specifically or contain recommendations relating to health care. We continue to maintain our 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

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:

Ongoing repairs and maintenance of our Health Centers 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 Health Center.

Yes	No	N/A	Amount	**Economic / Community Development**
		X		**is desired**?
		X		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		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:

Delaying on-going maintenance and repair is extremely dangerous and could lead to more expensive repair needs in the future. The delay of the SSHC Window replacement project delays our need to gain additional heating efficiencies to this aged building. Most of the "little things" have been completed, now we move into needing to tackle major projects such as this one.

Updated 3/23/2012

MHD CAPITAL IMPROVEMENT PROJECTS

2006-2013

Year	Completed	Project Description	2006 Adopted	2007 Adopted	2008 Adopted	2009 Adopted	2010 Adopted	2011 Adopted	2012 Adopted	2013 Request
ALL		PUBLIC HEALTH INFORMATION NETWORK (Formerly CTS) (BU110030200)								
		Subtotal	$100,000	$125,000	$100,000	$100,000				
		DATA REPOSITORY (BU110100700)								
		Subtotal	$100,000				$50,000			
		HEALTH FACILITIES CAPITAL PROJECTS (Reflected in one account for all years 2010 and beyond)								
ALL		General Interior Painting	10,000					20,000	10,000	10,000
ALL		Miscelleaneous Roofing Repairs	20,000				5,000	5,000	5,000	5,000
ALL		General Tuckpointing	30,000				5,000	10,000	5,000	5,000
2013		South Side - Water Heater (5 year life, replaced in 2003)								15,000
2013		South Side - Heating Modifications - Exam Rooms								30,000
ALL		Generators - Testing, Maintenance & Fuel Replacement (Annual)					5,000	10,000	10,000	10,000
ALL		Sprinklers - Testing & Maintenance (Annual)					5,000	5,000	5,000	10,000
ALL		Card Access/Security Alarm Electronic Update (annual)	15,000				15,000	15,000	20,000	10,000
ALL		Elevator Maintenance - All buildings	30,000				15,000	20,000	20,000	15,000
2011		Security Cameras-Installation at NWHC, SSHC and Keenan						25,000		
2012		SSHC Window Replacement (2 Year Project - 2012-13)							375,000	325,000
		Subtotal	$110,000				$50,000	110,000	450,000	435,000

Updated 3/23/2012

CAPITAL IMPROVEMENT PROJECTS

Year	Completed	Project Description	Estimate	2012	2013	2014	2015	2016	2017	2018	TOTAL 2013-2018
ALL		**Public Health Information Network (BU110030200)**	**300,000**	**0**	**0**	**0**	**0**	**0**	**0**		**0**
		DATA REPOSITORY (BU110100700)									**0**
		INTERIOR BUILDING MAINTENANCE PROJECTS BU11090400									
1999	X	Keenan-New Entrance, walkways, stairs	15,000								0
1999	2001	South Side-New Entrance, Walkways & Stairs	12,000								0
2003	X	Northwest - Fire Alarm System	42,000								0
2003	X	South Side Fire Alarm System	37,000								0
2003	X	Keenan - Fire Alarm System	33,000								0
2004	X (almost)	South Side - New drop ceiling and replace light fixtures	125,000								0
2004		Keenan - Renovation for Tuberculosis Clinic	300,000								0
2005		Coggs - Upgrade Fire Alarm System	30,000								0
2005		Northwest - Replace Interior Light Fixtures	60,000								0
2005		ZMB - Lab - Automatic Switch Gear for Emergency Electricity (coincides with DPW	100,000								0
2006		South Side - Replace all interior doors, frames and lock sets	82,500								0
2006		All Buildings - Signage	35,000								0
2006		Keenan-Wall/door with Card Access (2nd Floor to Exam rooms)	15,000								0
2007		ZMB 1st and 3rd Floor Remodeling	50,000								0
2007		Northwest-Sprinkler Installation	200,000								0
2008		South Side - Sprinkler Installation	200,000								0
2009		Keenan Reception	250,000								0
2016		Northwest - Replace flooring throughout building	55,000								0
2014		Keenan - Sprinkler Installation	300,000					55,000			55,000
ALL		**General Interior Painting**	**10,000**	**10,000**	**10,000**	**300,000**					**300,000**
ALL		**ADA Accomodations - Interior (all buildings)**	**647,500**			**15,000**	**15,000**	**25,000**	**25,000**	**25,000**	**115,000**
ALL		**Unspecified projects/cost overruns/estimate increases**	**-50,000**			**50,000**	**50,000**				**100,000**
		Subtotal - Interior Projects		**$10,000**	**$10,000**	**$365,000**	**200,000**	**200,000**	**200,000**	**200,000**	**800,000**
							$265,000	**$280,000**	**$225,000**	**$225,000**	**$1,370,000**

Year	Completed	Project Description	Estimate	2012	2013	2014	2015	2016	2017	2018	TOTAL 2013-2018
		EXTERIOR BUILDING MAINTENANCE PROJECTS BU11090300									
1999	2001	Johnston-Tuckpointing	17,000								0
1999	2001	Keenan-Tuckpointing	10,000								0
1999	X	Keenan-Glass Block Windows	34,300								0
1999	2001	South Side-Tuckpointing	16,000								0
1999	X	South Side-New Parking lot	20,000								0
1999	2002	South Side-Take Down exterior porches (need $100,000)	55,000								0
1999	DNS	Vector-Replace Sky lights (DNS)	27,000								0
2001	2003	Coggs - Tuckpointing and exterior painting	337,000								0
2001	2003	STD - Relocation/Remodeling	93,500								0
2001	2001	Keenan - Repave alley and driveway, restrip parking lot	27,600								0
2001		Johnston - New windows (Using to rebuild New Heating-A/C Units)	177,100								0
2002	X	Northwest - All exterior Passage doors	6,000								0
2002	X	Northwest - Re-grading blacktop grade on west side	16,500								0
2002	2003	Northwest - New windows	58,400								0
2002	X	Northwest - Replace rear approach to building	44,000								0
2003	X	Northwest - New roof on detached garage	120,000								0
2003		Northwest/South Side/Keenan - Lighted exterior signage *($6,900 each)*	20,700								0
2003		Tuckpointing (all buildings) - additional funding for cost overruns	50,000								0
2004		Johnston - New roof	65,000								0
2004		Northwest - New roof on main building	75,000								0
2004		Keenan - New Roof	50,000								0
2005		Northwest - Parking Lot	25,000								0
2005		Northwest - Front Steps - Repair/Replace Cracked concrete	40,000								0
2005		Northwest-Exterior Overhead Garage doors	35,000								0
2005		South Side - Parking Lot	60,000								0
2006		South Side - Parking Lot and Sewer Repair (Parking lot sinking) (2 yr project)	50,000								0
2007		South Side - Exterior Painting	100,000								0
2008		South Side - New Roof	75,000								0
2008		South Side - 24th Street Entrance Replacement	125,000								0
2009		South Side - Replace Stairwell & Drains	50,000								0
2009		Keenan Parking Lot	50,000								0
012-13		**SSHC - Replace Windows (2 year project - 2010 - 2011)**	700,000	375,000	325,000						0
2014		**NWHC - Detached Garage Roof**	100,000			100,000					325,000
2017		Northwest - Install commercial overhead canopy (Rear Entrance)	20,000								100,000
2017		Keenan - Install commercial overhead canopy (Rear Entrance)	20,000							20,000	20,000
LL		**Miscelleaneous Roofing Repairs**	20,000	5,000	5,000	5,000	5,000	5,000	5,000	20,000	20,000
LL		**General Tuckpointing**	169,000	5,000	5,000	15,000	20,000	20,000	20,000	10,000	35,000
LL		**ADA Accomodations - Exterior (all buildings-various projects)**	590,000							20,000	100,000
		School of Public Health Infrastructure Contribution									0
		Unspecified projects/cost overruns/estimate increases	26,000				100,000	100,000	50,000	100,000	350,000
		Subtotal - Exterior Projects		$385,000	$335,000	$120,000	$125,000	$125,000	$75,000	$170,000	$950,000

Year	Completed	Project Description	Estimate	2012	2013	2014	2015	2016	2017	2018	TOTAL 2013-2018
		MECHANICAL SYSTEMS MAINTENANCE PROJECTS BU11090200									
1999	X	Keenan-Boiler heating loop and all heating & AC valves	37,000								0
2000	X	Keenan- Replace Boiler	141,000								0
2001	2001	Coggs - New unit heaters - annex	59,000								0
2003	X	Northwest - Replace Boiler & Add another (2 to replace 1)	200,000								0
2003		Coggs - Re-tube Boiler #1	20,000								0
2003		Coggs - Replace HVAC Compressor and related controls	7,000								0
2003	X	Elevator Repairs - All buildings	40,000								0
2004		South Side - Replace Boiler & Add another (2 to replace 1)	175,000								0
2004		Coggs - Replace Boiler #1 & #2	175,000								0
2005		South Side - Replace Elevator Hydraulic Cylinder	45,000								0
2005		Northwest - Replace Elevator Hydraulic Cylinder	45,000								0
2005		Johnston - Replace Boiler #1	125,000								0
2005		Johnston - Replace Boiler #2	125,000								0
2005		Johnston - Replace Compressor	3,500								0
2005		Johnston - Replace Water Heater	5,000								0
2006		Southside Elevator Pump	20,000								0
2008		**South Side - Water Heater (5 year life, replaced in 2003)**	10,000		15,000						15,000
2008		**South Side - Heating Modifications - Exam Rooms**	60,000								0
2009		Keenan - Water Heater (5 year life, replaced in 2003)	8,000			15,000					15,000
2009		Northwest - Water Heater	8,000			15,000					15,000
2009		Keenan - Boiler Replacement	200,000								0
2011		Security Cameras-Installation at NWHC, SSHC and Keenan (EXTERIOR)	25,000								0
		Security Cameras-Installation at NWHC, SSHC and Keenan (INTERIOR)	40,000			40,000					40,000
2014		**SSHC - Elevator Smart Controller**	35,000			35,000					35,000
2014		**NWHC - Elevator Smart Controller**	35,000			35,000					35,000
2014		**SSHC Boiler Replacement**	200,000				200,000				200,000
2013		**SSHC HVAC Control Replacement**	30,000		30,000						30,000
2016		**NWHC - Detached Garage Lighting**	50,000					50,000			50,000
2016		**SSHC- Parking Lot Lighting**	50,000					50,000			
ALL		**Generators - Testing, Maintenance & Fuel Replacement (Annual)**	5,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	60,000
ALL		**Sprinklers - Testing & Maintenance**	5,000	5,000	10,000	10,000	10,000	10,000	10,000	10,000	60,000
ALL		**Card Access/Security Alarm Electronic Update (Annual)**	15,000	20,000	10,000	15,000	20,000	20,000	20,000	20,000	105,000
ALL		**Elevator Maintenance - All buildings (Annual)**	110,000	20,000	15,000	20,000	25,000	25,000	25,000	25,000	135,000
		Unspecified projects/cost overruns/estimate increases	0					50,000	100,000	100,000	250,000
		Subtotal - Mechanical Projects		$55,000	$90,000	$195,000	$265,000	$215,000	$185,000	$165,000	$995,000
		Grand Total		$450,000	$435,000	$680,000	$655,000	$620,000	$465,000	$580,000	3,415,000

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Neighborhood Library - New Construction

Requesting Department: Milwaukee Public Library

Prepared By/Phone Ext: Taj Schoening x3024

Department Head Signature: Paula A. Kiely

Account No: LB145120100

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 7

D) **Total Positions** **Total FTEs**

Position Title | No. of Positions | FTEs | Salaries $

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

Eight of the twelve branch libraries were built between 1961 and 1971. Six of them have original HVAC systems. Four of them were renovated in the mid-1990's and three have never been upgraded In some cases, the buildings do not justify the investment needed for HVAC replacements and renovations. As part of the Library's facilities plan that looks to the future of the system, MPL will replace some buildings using mixed-use or Area Library models. These new buildings will be much more energy efficient and flexible, able to be adapted to meet changing needs of citizens and technology. The mixed-use model will serve as an anchor of learning in to support early literacy, educational attainment, workforce and small business development. These "Learning Campus" models will be mid-sized with specialized collections and individual and group study spaces to support the learn and earn strategy. Area libraries will be strategically placed to provide a higher level of demand for reference, training, and collection-related services. All new libraries will provide flexible space, ample access to technology, and sustainable features.

G) **Additional Comments**

Funding in 2013 of $300,000 will be combined with 2011 and 2012 funds for the replacement of the East Library and use of a temporary location during construction of a mixed use development. The 2013 and 2014 requests include funding for construction of one area library for the northwest side of the City, and one express center. In 2014 and 2015 the budget request includes funding for the construction of a second area library on the south side of the City and a second express center. Funding for construction of a third mixed use library building is budgeted for 2016 and 2017 and in 2018 we are requesting funds for a third express library.

BMD-100

Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library

Project/Program Title: **Neighborhood Library** -New Construction **Account No:** LB145130100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$3,668,000					$3,668,000
2014 Projection	$13,000,000					$13,000,000
2015 Projection	$11,430,000					$11,430,000
2016 Projection	$500,000					$500,000
2017 Projection	$2,900,000					$2,900,000
2018 Projection	$430,000					$430,000
Total Six Year Cost	$31,928,000	$0	$0	$0	$0	$31,928,000
Total Project Cost	$31,928,000	$0	$0	$0	$0	$31,928,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: 2011

Estimated Completion Date: 2018

Department Head Signature Paula T. Kiely

Prepared By/Phone Ext Taj Schoening x3024

CIC - Capital Improvement Request Part III

Department:	Milwaukee Public Library	Date Submitted:	March 23, 2012
Project/Program:	Neighborhood Library - New Construction		
Prepared By:	Taj Schoening	Current Request:	$3,668,000
Dept Head:	Paula A. Kiely	6 Yr Total:	$31,928,000

General Project/Program Description:

The MPL Facilities Plan looks to the future of the system, replacing some buildings with mixed-use or Area Library models. The plan includes construction of three mixed-use, two area and two or three express centers. Villard Square has been completed and we are currently on the second mixed-use library at East Branch.

*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**
				Does the project **directly reduce risks** to people or property?
				Does the project **directly promote improved health or safety**?
				Does the project **mitigate an immediate risk**?

Comments / Other Considerations:

Yes	No	N/A	Amount	**Regulatory Compliance**
				Does the project **address** a legislative, regulatory or court-ordered **mandate**?
	x			Does the project promote **long-term regulatory compliance**?
				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:

Yes	No	N/A	Amount	**Impact on Operational / Capital Budget**
			See Comment	What **return on investment** will this project generate?
				What is the **expected payback** period for this project?
				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 Budget Office prepared a cost/benefit analysis of the MPL facility plan that showed the benefit to the City of this approach (10.4% savings in present value terms). 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 operating savings.

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

Project/Program: Neighborhood 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			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. New construction will enhance neighborhoods and may mitigate areas of blight depending upon the specific location selected

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?
				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:

While the capital investment required for this plan is substantial, the long term savings derived from more energy efficient building and operational changes exceeds it. This plan has the support of the Milwaukee Public Library Board of Trustees.

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		See Comment.	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:

Locations will be determined when capital funds are available for purchase.

Yes	No	N/A	Amount	**Special Considerations**
			See Comment.	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:

If we do not proceed with this plan or it is delayed the operational savings will be eliminated or reduced and expenditures for upgrades to the existing buildings must taken on. Federal tax credits similar to those used in the Villard Square Branch Library development may be available depending on partnerships and location.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Central Library Improvements Fund - Mechanical Segment

Requesting Department: Milwaukee Public Library

Prepared By/Phone Ext: Taj Schoening x3024

Department Head Signature: Paula A. Kiely

Account No: LB141130100

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** 0.2 **Total FTEs** 0.2

Position Title	No. of Positions	FTEs	Salaries
Bus. Operations Manager	0.2	0.2	$ 28,000
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ 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 and the cooling tower in 1970. 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 indentifies the exact location of the alarm.

G) **Additional Comments**

The capital plan includes funding for: replacement of air handling units in 2013, 2014, 2015 and 2017; upgrades to the fire alarm system in 2013 and 2014; replacement of the cooling tower in 2013; replacement of a 350 ton chiller in 2016; and upgrading an elevator in 2014. In 2017 we have scheduled replacement of three air handling units because they are located within the same room. In 2018 we will upgrade an elevator.

BMD-100

Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library

Project/Program Title: Central Library Improvements Fund- Mechanical Segment **Account No:** LB141130100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$1,028,000					$1,028,000
2014 Projection	$1,028,000					$1,028,000
2015 Projection	$1,050,000					$1,050,000
2016 Projection	$650,000					$650,000
2017 Projection	$2,530,000					$2,530,000
2018 Projection	$530,000					$530,000
Total Six Year Cost	$6,816,000	$0	$0	$0	$0	$6,816,000
Total Project Cost	$6,816,000	$0	$0	$0	$0	$6,816,000

Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: Ongoing

Estimated Completion Date: Ongoing

Department Head Signature Laura T Burley

Prepared By/Phone Ext Taj Schoening x3024

CIC - Capital Improvement Request Part III

Department:	Milwaukee Public Library	Date Submitted:	3/23/2012
Project/Program:	Central Library Improvements Fund - Mechanical Segment		
Prepared By:	Taj Schoening	Current Request:	$1,028,000
Dept Head:	Paula A. Kiely	6 Yr Total:	$6,816,000

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 building.

Yes	No	N/A	Amount	**Regulatory Compliance**
				Does the project **address** a legislative, regulatory or court-ordered **mandate**?
				Does the project promote **long-term regulatory compliance**?
				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:

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?
				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.

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

Project/Program: Central Library Improvements Fund - Mechanical 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*
				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)?

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.
				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?
				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:

If replacement of aging equipment is deferred, the City risks additional expenditures for emergency repairs adding to the overall cost.

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?
				Would an **alternate location** for this project provide a greater positive economic impact?
x				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?

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?
				Are there **inter-jurisdictional considerations**?
				Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Central Library Improvements Fund - Exterior Segment

Requesting Department: Milwaukee Public Library

Prepared By/Phone Ext: Taj Schoening x3024

Department Head Signature:

Account No: LB141130100

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** _____

Position Title	No. of Positions	FTEs	Salaries
			$
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ 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. Years of weathering has resulted 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**

The interior courtyards had tuckpointing and brick repairs done previously. In 2008 the Wisconsin Avenue facade was repaired, which included replacement of entry sills and many stone balusters. In 2010 renovation work was completed on the Centennial Hall ADA entry and the drive up area. In 2010 the exterior was also repainted. In 2011 the masonry on the East Facade was repaired by cleaning, tuckpointing, replacement of some elements and sealing. In 2012 the west facade of the original building will undergo the same type of repairs. Budget requests for 2013 through 2016 reflect continuation of the masonry repairs on the annex. The funding request for 2015 through 2018 will allow roof replacement. All of this work is absolutely critical to preserve the building structure.

BMD-100

Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library

Project/Program Title: Central Library Improvements Fund -Exterior Segment **Account No:** LB141130100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$140,000					$140,000
2014 Projection	$130,000					$130,000
2015 Projection	$450,000					$450,000
2016 Projection	$450,000					$450,000
2017 Projection	$500,000					$500,000
2018 Projection	$750,000					$750,000
Total Six Year Cost	$2,420,000	$0	$0	$0	$0	$2,420,000
Total Project Cost	$2,420,000	$0	$0	$0	$0	$2,420,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: Ongoing

Estimated Completion Date: Ongoing

Department Head Signature Paula A. Kiely

Prepared By/Phone Ext Taj Schoening x3024

CIC - Capital Improvement Request Part III

Department:	Milwaukee Public Library	Date Submitted:	3/23/2012
Project/Program:	Central Library Improvements Fund - Exterior Segment		
Prepared By:	Taj Schoening	Current Request:	$140,000
Dept Head:	Paula A. Kiely	6 Yr Total:	$2,420,000

General Project/Program Description:

Involves restoration, repair and replacement of the exterior façade of the Central Library: limestone block and balusters; Chicago brick; 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:

Years of weathering has resulted in cracks which allow moisture to seep behind stone and masonry surfaces, eroding the joints and breaking pieces of stone detail. It is very important the Library continue work to tuckpoint and replace materials as needed.

Yes	No	N/A	Amount	**Regulatory Compliance**
				Does the project **address** a legislative, regulatory or court-ordered **mandate**?
				Does the project promote **long-term regulatory compliance**?
				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:

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?
				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**?
				Will the project lead to **increased productivity or service improvements?**
				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?
				Is there a **revenue generating opportunity**? (e.g. user fees)
	x		See below.	Will the project result in a reduction in **energy use**?
				Does the project involve **specific energy reduction strategies** or features?
				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:

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*
				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?
				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**?

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?
				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:

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.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Central Library Improvements Fund - Interior Segment

Requesting Department: Milwaukee Public Library

Prepared By/Phone Ext: Taj Schoening x3024

Department Head Signature: [signature]

Account No: LB141130100

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 ☑ 2011-2016 ☑ 2012-2017 ☑ 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 2013 and 2014 we will replace carpeting on the first floor that was installed in 1996 and 1998. In 2013 we will upgrade the lock system to allow key card access to many staff only areas and additional staff areas on the third floor will will have flooring, ceilings and lighting upgraded from the original finishes. In 2015 the Business, Science and Technology area which was renovated in 2000 is scheduled to have carpet replaced and painting done. In 2016 and 2018 we will have the dome in the main rotunda and hallways repaired and repainted.

BMD-100

Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library

Project/Program Title: Central Library Improvements Fund- Interior Segment **Account No:** LB141130100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$800,000					$800,000
2014 Projection	$400,000					$400,000
2015 Projection	$525,000					$525,000
2016 Projection	$500,000					$500,000
2017 Projection	$200,000					$200,000
2018 Projection	$600,000					$600,000
Total Six Year Cost	$3,025,000	$0	$0	$0	$0	$3,025,000
Total Project Cost	$3,025,000	$0	$0	$0	$0	$3,025,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: Ongoing

Estimated Completion Date: Ongoing

Department Head Signature Paula A. Kiely

Prepared By/Phone Ext Taj Schoening x3024

CIC - Capital Improvement Request Part III

Department:	Milwaukee Public Library	Date Submitted:	3/23/2012
Project/Program:	Central Library Improvements Fund - Interior Segment		
Prepared By:	Taj Schoening	Current Request:	$800,000
Dept Head:	Paula A. Kiely	6 Yr Total:	$3,025,000

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. The key card system is needed to ensure the safety of staff and the security of the building and the property within.

Yes	No	N/A	Amount	**Regulatory Compliance**
				Does the project **address** a legislative, regulatory or court-ordered **mandate**?
				Does the project promote **long-term regulatory compliance**?
				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:

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:

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?
				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*
				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?
	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**
				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?
				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?
				Are there **inter-jurisdictional considerations**?
				Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Neighborhood Library Improvements Fund - Mechanicals Segment

Requesting Department: Milwaukee Public Library

Prepared By/Phone Ext: Taj Schoening x3024

Department Head Signature: Paula A. Kiely

Account No: LB145130100

A) **Department Priority** 5 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 ☑ 2011-2016 ☑ 2012-2017 ☐ 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 eight branches that were built between 1961and 1971. Of these one is being replaced in 2013 and five others have the original HVAC systems that have outlasted their service life. Unless the facilities plan is adopted this equipment must be addressed within the next three to five years to avoid breakdowns that will require emergency replacement. 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**

Due to its age and the fact that much of the equipment is located in a ceiling area replacement of the HVAC system at the Tippecanoe Library is budgeted in 2013.

BMD-100

Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library

Project/Program Title: Neighborhood Library Improvements Fund Mechanicals Segment **Account No:** LB145130100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$875,000					$875,000
2014 Projection	$0					$0
2015 Projection	$0					$0
2016 Projection	$0					$0
2017 Projection	$0					$0
2018 Projection	$0					$0
Total Six Year Cost	$875,000	$0	$0	$0	$0	$875,000
Total Project Cost	$875,000	$0	$0	$0	$0	$875,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: 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	Date Submitted:	March 23, 2012
Project/Program:	Neighborhood Library Improvements Fund - Mechanical Segment		
Prepared By:	Taj Schoening	Current Request:	$875,000
Dept Head:	Paula A. Kiely	6 Yr Total:	$875,000

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 building.

Yes	No	N/A	Amount	**Regulatory Compliance**
				Does the project **address** a legislative, regulatory or court-ordered **mandate**?
				Does the project promote **long-term regulatory compliance**?
				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:

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?
				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 program involves the regular replacement of aging equipment with new technology which lowers energy use and ongoing repair costs. The budget requests funding for Tippecanoe HVAC replacement.

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

Project/Program: Neighborhood Library Improvements Fund - Mechanical 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*
				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*
				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?
				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:

If replacement of aging equipment is deferred, the City risks additional emergency repair costs adding to the overall cost.

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?
				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:

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.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Neighborhood Library Improvements Fund - Exterior Segment

Requesting Department: Milwaukee Public Library

Prepared By/Phone Ext: Taj Schoening x3024

Department Head Signature: Paula A Kiely

Account No: LB145130100

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 ☑ 2011-2016 ☑ 2012-2017 ☐ 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. Many of the parking lots have been resurfaced several times and are at the end of their life.

G) **Additional Comments**

We have requested funding In 2014 to replace the roof of the Center Street Library which will be 25 years old. Other buildings will be addressed as part of the Facilities Plan.

BMD-100

Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library

Project/Program Title: Neighborhood Library Improvements Fund Exterior Segment **Account No:** LB145130100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$0					$0
2014 Projection	$175,000					$175,000
2015 Projection	$0					$0
2016 Projection	$0					$0
2017 Projection	$0					$0
2018 Projection	$0					$0
Total Six Year Cost	$175,000	$0	$0	$0	$0	$175,000
Total Project Cost	$175,000	$0	$0	$0	$0	$175,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

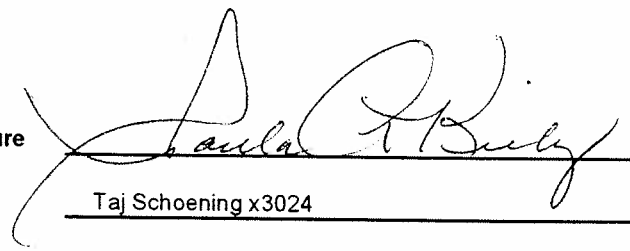
	2013	2014	2015	2016	2017	2018
Thorough Cost Estimate	☐	☐	☐	☐	☐	☐
Limited Information	☐	☐	☐	☐	☐	☐
Based on Cost of Similar Projects	☐	☑	☐	☐	☐	☐
Unsupported	☐	☐	☐	☐	☐	☐

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: 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	Date Submitted:	"March 23, 2012
Project/Program:	Neighborhood Library Improvements Fund - Exterior Segment		
Prepared By:	Taj Schoening	Current Request:	$0
Dept Head:	Paula A. Kiely	6 Yr Total:	$175,000

General Project/Program Description:

Restoration, repair and replacement of the exterior façade of the branch libraries includes the masonry, painted surfaces, lighting, parking lots, and roofs. Leaks into the building can damage materials and furniture which will have to be repaired and/or replaced.

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 Center Street Library roof will be 25 years old in 2014 and needs to be replaced. Leaks into the building can damage materials and furniture which will have to be repaired and/or replaced.

Yes	No	N/A	Amount	**Regulatory Compliance**
				Does the project **address** a legislative, regulatory or court-ordered **mandate**?
				Does the project promote **long-term regulatory compliance**?
				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:

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?
				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:

This program involves the regular replacement of aging equipment with new technology which lowers energy use and ongoing repair costs.

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

Project/Program: Neighborhood 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*
				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 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*
				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 aging equipment is deferred, the City risks additional emergency repair costs adding to the overall cost.

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?
				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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Neighborhood Library Improvements Fund - Interior Segment

Requesting Department: Milwaukee Public Library

Prepared By/Phone Ext: Taj Schoening x3024

Department Head Signature:

Account No: LB145130100

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 ☑ 2011-2016 ☑ 2012-2017 ☐ 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. Three of our current branch libraries built in the late 1960's and early 1970's have never been renovated and three others were renovated between 1993 and 1994.

G) **Additional Comments**

In 2016 we have requested funding to renovate the interior of one of our branch libraries. The other buildings will be addressed through the Facilities Plan.

BMD-100

Capital Improvement Request Part II

Requesting Department: Milwaukee Public Library

Project/Program Title: Neighborhood Library Improvements Fund Interior Segment **Account No:** LB145130100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$0					$0
2014 Projection	$0					$0
2015 Projection	$0					$0
2016 Projection	$800,000					$800,000
2017 Projection	$0					$0
2018 Projection	$0					$0
Total Six Year Cost	$800,000	$0	$0	$0	$0	$800,000
Total Project Cost	$800,000	$0	$0	$0	$0	$800,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: 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	Date Submitted:	March 23, 2012
Project/Program:	Neighborhood Library Improvements Fund - Interior Segment		
Prepared By:	Taj Schoening	Current Request:	$0
Dept Head:	Paula A. Kiely	6 Yr Total:	$800,000

General Project/Program Description:

Preservation and upgrade of the interiors of the branch libraries, including carpeting, painting, and interior renovations.

*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**?
				Does the project **mitigate an immediate risk**?

Comments / Other Considerations:

Yes	No	N/A	Amount	**Regulatory Compliance**
				Does the project **address** a legislative, regulatory or court-ordered **mandate**?
				Does the project promote **long-term regulatory compliance**?
				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:

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?
				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			Service Delivery	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?
				Is there a **revenue generating opportunity**? (e.g. user fees)
				Will the project result in a reduction in **energy use**?
				Does the project involve **specific energy reduction strategies** or features?
				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:

Many of the branch libraries will be addressed through the Facilities Plan New Construction Program but remaining branches will continue to require interior upgrades and improvements.

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

Project/Program: Neighborhood 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 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*
				How does the request affect the replacement cycle? Provide specifics below.
x			Interior Components	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:

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?
				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**?
				Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

CITY OF MILWAUKEE
MUNICIPAL COURT

Derek C. Mosley, Presiding Judge
Branch 2

Valarie A. Hill, Judge
Branch 1

Phillip M. Chavez, Judge
Branch 3

Kristine M. Hinrichs
Chief Court Administrator

Sheldyn M. Himle
Assistant Court Administrator

March 23, 2012

Alderman Joseph A. Dudzik
Chair, Capital Improvements Committee
City Hall
200 E. Wells St., Rm. 205
Milwaukee, WI 53202

Mark Nicolini
Budget and Management Director
Department of Administration – Budget Division
200 E. Wells St., Rm. 603
Milwaukee, WI 53202

RE: Capital Improvements Program Requests

Attached please find the Municipal Court's requests for the 2013 – 2018 Capital Improvements Program. These requests involve the anticipated replacement of the components which make up the Court's mission critical information technology infrastructure as well as the scheduled 10-year upgrade of our case management information system – CATS – and the Court's case query website.

Virtual Server and SAN Replacement (2014). The Court purchased its current fleet of servers and storage area network (SAN) devices in 2009 to establish a virtual server environment to host its case management information system – CATS – and other software applications. That equipment was purchased with the standard 3-year warranty which will be extended by an additional 2 years. By 2014, the devices will be 5 years old and, according to industry standards for mission-critical equipment, will have reached the end of their expected lifespan. At this point, while the equipment may still have other uses, it will no longer be robust or reliable enough to perform in this critical capacity. Because the Court relies so significantly on its computer systems, it is vital that we maintain these systems by replacing the underlying equipment on a routine, scheduled basis so that we are not vulnerable to outages or loss of performance. Certainly, the Court recognizes the investment that has been made in CATS so it is critical to provide a reliable and stable hardware environment on which to host it.

CATS and Website Upgrade (2015 – 2016). By 2015, the current incarnation of CATS will be on the verge of its 10th birthday and, as the Court's most mission and business critical system, it will also have an essential need for a major upgrade. A substantial focus of this upgrade will be transitioning CATS from its current client-server based architecture to a modern browser-based platform, similar to FMIS, HRMS and other City systems. The most obvious benefit of this change would be eliminating the need to install and maintain workstation software at the Court and in other departments in order to use CATS. Another benefit would be that a web-based system would further facilitate remote court operations and allow the Court to conduct (more seamless) community court

sessions. Perhaps most important, however, is that the Court address the need to use current, supported software and update its database and programming so that the application can continue to provide the performance required to meet the Court's business operation needs.

As part of the CATS upgrade, the Court will also conduct a comprehensive review and update of its public query website in order to employ the latest technology available in web development and to coordinate with the CATS upgrade.

Cost estimates for both projects are based upon costs for similar projects. It should be noted that both are also very rough estimates given that the information technology industry changes so rapidly, which presents a challenge in budgeting projects more than 6 – 12 months in advance.

Thank you for your consideration of these requests. I will be happy to respond to any questions you or the Committee may have with regard to these two projects.

Very truly yours,

Kristine M. Hinrichs
Chief Court Administrator
Kristine.Hinrichs@milwaukee.gov
(414) 286-3836

c Judge Derek C. Mosley
Judge Valarie A. Hill
Judge Phillip M. Chavez
Sheldyn Himle, Assistant Court Administrator
Jane Tabaska, Network Manager
Eric Pearson
Kathy Brengosz
Jennifer Meyer

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: CATS and Website Upgrade

Requesting Department: Municipal Court

Prepared By/Phone Ext: Jane Tabaska / 3837

Department Head Signature: [signature]

Account No: NEW

A)

Department Priority 1 of 2 **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 2

D)

Total Positions 0 **Total FTEs** _____

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

E)

In Six Year Capital Improvement Plan

Yes ☐ 2011-2016 ☐ 2012-2017 ☐ 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 accessilibity outside of the City's network and allow its use -- with the appropriate security 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 estimate includes $50,000 for project planning costs (which is based on the cost of a 2007 study which was similar in subject and length), $440,000 for two years of project management (which is based on costs associated with the work performed by Expitas LLC on the MCMIS Replacement Project between 2008 - 2011), $200,000 for one year of supplemental programmer assistance (which is based on the costs associated with similar work during the MCMIS Replacement Project), $40,000 for upgrading to uniPaaS 2.0 (which is based on a recent estimate from the sole source, Magic Software), $50,000 for website development services (based on the costs associated with the work performed by Strategem on the website redesign in 2011) and a 20% contingency. It is important to emphasize that these costs are ESTIMATES ONLY and subject to change over the next several years.

BMD-100

Capital Improvement Request Part II

Requesting Department: Municipal Court

Project/Program Title: CATS and Website Upgrade **Account No:** NEW

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection						$0
2015 Projection	$552,000					$552,000
2016 Projection	$384,000					$384,000
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$936,000	$0	$0	$0	$0	$936,000
Total Project Cost	$936,000	$0	$0	$0	$0	$936,000

Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: 12/31/16

Department Head Signature [signature]

Prepared By/Phone Ext Jane Tabaska / 3837

CIC - Capital Improvement Request Part III

Department:	Municipal Court	Date Submitted:	3/23/2012
Project/Program:	CATS and Website Upgrade		
Prepared By:	Jane Tabaska	Current Request:	$0
Dept Head:	Kristine Hinrichs	6 Yr Total:	$936,000

General Project/Program Description:

Upgrade of the Court's case management information system -- the Case Automated Tracking System or CATS --

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	**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:

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 website, which may even be incompatible with the technologies and devices that will be on the market by that time.

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:

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 our accessibility to the public.

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:

While it cannot be specifically quantified, there would be significant impact of running the Court's business critical application in an outdated and minimally-supported environment and without comprehensive review and upgrade to the database and programming which governs the application.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Virtual Server and SAN Replacement
Requesting Department: Municipal Court
Prepared By/Phone Ext: Jane Tabaska / 3837
Department Head Signature:
Account No: NEW

A) **Department Priority** 2 of 2 **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** 0 **Total FTEs** _____

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

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F) **Project/Program Justification**

The Municipal Court purchased a fleet of servers and storage area network (SAN) devices in 2009 to establish a virtual server environment that hosts its case management information system, CATS, and other software applications. By 2014, the devices will be five years old and, according to industry standards, will have reached the end of their life expectancy. In order to maintain reliable infrastructure and a current hardware environment to host the Court's mission critical applications, it is important to replace this equipment on a routine, scheduled basis.

G) **Additional Comments**

This request is based on an estimate calculated using the actual costs of the original equipment purchase in 2009 with a standard 20% contingency, also a standard for information technology projects and purchases. While most costs typically increase due to inflation, computer equipment often decreases in price as devices become easier and cheaper to manufacture. As a result, there is not a standard method for estimating such costs since it is not possible to aniticipate the equipment that will be available or even considered standard more than 6 months into the future.

BMD-100

Capital Improvement Request Part II

Requesting Department: Municipal Court

Project/Program Title: Virtual Server and SAN Replacement **Account No:** NEW

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection	$144,000					$144,000
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$144,000	$0	$0	$0	$0	$144,000
Total Project Cost	$144,000	$0	$0	$0	$0	$144,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

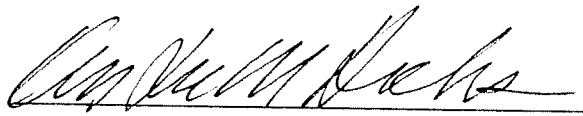
	2013	2014	2015	2016	2017	2018
Thorough Cost Estimate	☐	☐	☐	☐	☐	☐
Limited Information	☐	☐	☐	☐	☐	☐
Based on Cost of Similar Projects	☐	☑	☐	☐	☐	☐
Unsupported	☐	☐	☐	☐	☐	☐

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: 01/01/14

Estimated Completion Date: 12/31/14

Department Head Signature 

Prepared By/Phone Ext Jane Tabaska / 3837

CIC - Capital Improvement Request Part III

Department:	Municipal Court	Date Submitted:	3/23/2012
Project/Program:	Virtual Server and SAN Replacement		
Prepared By:	Jane Tabaska	Current Request:	$0
Dept Head:	Kristine Hinrichs	6 Yr Total:	$144,000

General Project/Program Description:

The replacement of the server fleet and storage area network (SAN) devices that comprises the virtual server environment which hosts the Court's case management information system, CATS, and other mission critical software 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**
		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:

Replacement of the current hardware environment will avoid ongoing lifecycle costs associated with maintaining older, outdated equipment. In addition, newer equipment will be more energy efficient and, more importantly, will take advantage of improvements in computing capacity and processing, leading to increased system response time and better overall customer service.

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

Project/Program: Virtual Server and SAN 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)?

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:

Replacement of the current environment is in keeping with the planned replacement cycle for server/storage devices. By 2014, the current equipment will have reached its expected 5-year lifespan, a widely-accepted standard for mission critical equipment. In investing in newer equipment, the Court will also benefit from improved equipment design and 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:

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:

While it cannot be specifically quantified, there would be significant impact of using outdated and minimally-supported hardware for the Court's business critical operations.

Milwaukee Police Department
2013 Capital Request Priorities

Overall	Dvn	Project/Program		2013 Dollars
1	Fac 1	**PAB Renovation**		$ 5,755,700
		Phase II - 5th Floor Renovation	5,425,700	
		Lower Garage Floor Repairs	330,000	
2	IT 1	**Radio & Communications Upgrades**		$ 2,500,000
		Additional Radio Sites & Amplifiers		
3	IT 2	**Multi Factor Authentication**		$ 350,000
		Federal mandate to remotely access CJIS		
4	Fac 3	**District Station Repairs**		$ 655,000
		NTF Window Replacement	240,000	
		D7 Locker Replacement	25,000	
		District Workstation Replacement	300,000	
		Update Building Automation Systems	90,000	
5	Fac 2	**Data/Comm Center Repairs**		$ 205,000
		Parking Structure Repairs	TBD	
		UPS Battery Replacement	120,000	
		Lower Garage Epoxy Coating	75,000	
		911 Dispatcher Restroom Pre-Design	10,000	
6	IT 3	**RMS System**		$ 3,500,000
7	Fac 4	**Safety Academy Modifications**		$ 145,000
		Security System (Initial)	40,000	
		Rm 182 Partition & AV system	105,000	
8	IT 4	**Vehicle MDC/DVR Upgrade Project**		$ 1,500,000
		Standardize MDC/DVR in vehicles		
9	IT 5	**Computer Systems Management Solution**		$ 85,000
		Remote access to various devices for software & configuration changes		
10	Fac 5	**Safety Academy Expansion**		$ 1,055,000
		Demolish Grays Daycare. Design addl training area.		
		TOTAL		**$ 15,750,700**

Milwaukee Police Department
2013 Capital Request Priorities

Overall	Dvn	Project/Program	2013 Dollars
1	Fac 1	PAB Renovation	$ 5,755,700
2	IT 1	Radio & Communications Upgrades	$ 2,500,000
3	IT 2	Multi Factor Authentication	$ 350,000
4	Fac 3	District Station Repairs	$ 655,000
5	Fac 2	Data/Comm Center Repairs	$ 205,000
6	IT 3	RMS System	$ 3,500,000
7	Fac 4	Safety Academy Modifications	$ 145,000
8	IT 4	Vehicle MDC/DVR Upgrade Project	$ 1,500,000
9	IT 5	Computer Systems Management Solution	$ 85,000
10	Fac 5	Safety Academy Expansion	$ 1,055,000
		TOTAL	**$ 15,750,700**

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Remodel Administration Building Offices
Requesting Department: Milwaukee Police Department
Prepared By/Phone Ext: John Ledvina/935-7495
Department Head Signature: X Edward A Flynn
Account No: PL120080700

A) **Department Priority** 1 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 _____

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 ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

The Police Administration Building was built in 1970 and has worn/failing infrastructure. (1) 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 - planning and design was completed in 2011. Construction will be underway in 2012. Phase II - 5th floor renovation - is scheduled for 2013. Estimated cost is $5.45 million. (2) Separate sub-basement garage floor repairs (concrete) total $330,000. Engineering firm AECOM completed an evaluation of the sub-basement concrete slab and found it to be in poor to fair condition. The firm recommended that existing spalls and delaminations be repaired including removal of the cracked and delaminated concrete, removal of corroded reinforcing steel and replacement of same.

G) **Additional Comments**

(1) Plan years based on 2010 EUA systems analysis and space planning study to continue bulding renovation sequence. Total cost $58.6 million including Municipal Court and City Attorney Offices. (2) Current Balance Available committed to Phase I Mechanical Shafts and other projects in progress.

BMD-100

Capital Improvement Request Part II

Requesting Department: Police Department

Project/Program Title: Remodel Administration Building Offices **Account No:** PL120080700

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$5,755,700					$5,755,700
2014 Projection	$9,846,000					$9,846,000
2015 Projection	$7,082,000					$7,082,000
2016 Projection	$6,662,000					$6,662,000
2017 Projection	$8,141,000					$8,141,000
2018 Projection	$6,273,000					$6,273,000
Total Six Year Cost	$43,759,700	$0	$0	$0	$0	$43,759,700
Total Project Cost	$43,759,700	$0	$0	$0	$0	$43,759,700
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: 12/01/20

Department Head Signature Edward D Hegna

Prepared By/Phone Ext John Ledvina/935-7495

CIC - Capital Improvement Request Part III

Department:	Police Department	Date Submitted:	3/23/2012
Project/Program:	Remodel Administration Building Offices		
Prepared By:	John Ledvina/935-7495	Current Request:	$5,755,700
Dept Head:	Chief Edward A. Flynn	6 Yr Total:	$43,759,700

General Project/Program Description:

Multi-year renovation of Police Administration Building infrastructure and office space utilization. 2013 includes Phase II - 5th floor renovation ($5.45 million) and Sub-basement garage floor repairs ($330,000). Built in 1970, PAB has worn and failing building infrastructure systems. Building layout needs have changed substantially. Lower garage concrete floor deteriorated.

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 the police department's headquarters and District 1's station. Personnel assign to PAB directly support crime suppression and related police functions throughout the city.

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 includeing 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.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Radio & Communications Upgrades
Requesting Department: Milwaukee Police Department
Prepared By/Phone Ext: John Ledvina/935-7495
Department Head Signature: X
Account No: PL120120200

A) **Department Priority** 2 of 10 **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 ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

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**

(1) Out-years include improvements to radio/communications equipment rooms located throughout the city. (2) Current balance available committed to projects in progress or planning.

BMD-100

Capital Improvement Request Part II

Requesting Department: Plice Department

Project/Program Title: Radio & Communications Upgrades **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$2,500,000					$2,500,000
2014 Projection	$300,000					$300,000
2015 Projection	$300,000					$300,000
2016 Projection	$150,000					$150,000
2017 Projection	$150,000					$150,000
2018 Projection	$150,000					$150,000
Total Six Year Cost	$3,550,000	$0	$0	$0	$0	$3,550,000
Total Project Cost	$3,550,000	$0	$0	$0	$0	$3,550,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/01/13

Estimated Completion Date: Ongoing

Department Head Signature X Edwards Tyn

Prepared By/Phone Ext John Ledvina/935-7495

CIC - Capital Improvement Request Part III

Department:	Police Department	Date Submitted:	3/23/2012
Project/Program:	Radio & Communications Upgrades		
Prepared By:	John Ledvina/935-7495	Current Request:	$2,500,000
Dept Head:	Chief Edward Flynn	6 Yr Total:	$3,550,000

General Project/Program Description:

Improve Digital Radio System coverage inside public buildings such as hospitals and schools. Other improvements to radio and communications infrastructure including equipment rooms, antennas, amplifiers/repeatersand 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 resopnse 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		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:

Police operations improve quality of life. In addition, system will be utilized by other City agencies (including DPW, Water, Fire) 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			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:

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 infrastructrue components support inter-jurisdictional communications and regional interoperability. Federal government requres shift to narrow band communications systems.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Multi Factor Authentication
Requesting Department: Police Department
Prepared By/Phone Ext: John Ledvina/935-7495
Department Head Signature: Edward Hagen
Account No: NEW

A)
Department Priority 3 of 10 **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 Software

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 ☑ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F)
Project/Program Justification

FEDERAL MANDATE. The Criminal Justice Information System (CJIS) is the largest division of the FBI. CJIS provides state, local, and federal law enforcement and criminal justice agencies with access to centralized information such as fingerprint records, criminal histories, and sex offender registrations. Due to the extremely sensitive nature of the data warehoused in the CJIS, a Security Policy was instated that set forth minimum requirements for securing access to CJIS data. The policy requires "Advanced Authentication" be deployed for all users accessing CJIS data from a remote location. The CJIS Security Policy requires that additional authentication (beyond a user name and password) be used when CJIS data is accessed from a remote location. This would include a police officer performing a background check during a traffic stop, VPN access by agency employees, and a number of other use cases. The policy requires that Advanced Authentication methods, such as multi-factor authentication, be used in these cases to verify the identity of the individual accessing the data.

G)
Additional Comments

US Government requires Multi Factor Authentication by end of 2013.

BMD-100

Capital Improvement Request Part II

Requesting Department: Police Department

Project/Program Title: Multi Factor Authentication **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$350,000					$350,000
2014 Projection	$0					$0
2015 Projection	$0					$0
2016 Projection	$0					$0
2017 Projection	$0					$0
2018 Projection	$0					$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

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/01/13

Estimated Completion Date: 12/31/13

Department Head Signature X

Prepared By/Phone Ext John Ledvina/935-7495

CIC - Capital Improvement Request Part III

Department:	Police Department	Date Submitted:	3/23/2012
Project/Program:	Multi Factor Authentication		
Prepared By:	John Ledvina/935-7495	Current Request:	$350,000
Dept Head:	Chief Edward Flynn	6 Yr Total:	$350,000

General Project/Program Description:

Multi Factor Authenication required by FBI to access sensitive Criminal Justice Infromation System (CJIS) databases. This mandate requires that "Advanced Authentication" be deployed for all users accessing CJIS data from a remote location. The deadline is December 31, 2013.

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:

Multi Factor Authentication will provide further safeguards for sensitive personal information while allowing law enforcement officers direct access to crucial data such as fingerprint records, criminal histories and sex offender registrations.

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:

Multi Factor Authenticaion is a US Department of Justice mandate to acces CJIS databases.

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: Multi Factor Authentication

*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:

Federal mandate with December 31, 2013 deadline. Remote access to CJIS databases by officers will be adversely impacted if Multi Factor Authentication not implemented.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: District Station Repairs
Requesting Department: Police Department
Prepared By/Phone Ext: John Ledvina/935-7495
Department Head Signature: X
Account No: PL120120100

A) **Department Priority** 4 of 10 **Useful Life** 20-25 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 ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

District Stations provide police service to the community. Renovations planned include: (1) Neighborhood Task Force Building - replace all windows. Windows at NTF are old wood sash, single pane windows that are significantly deteriorated, covered with lead paint and are not energy efficient. Estimated cost $240,000. (2) District 7 Station - replace all employee lockers. Lockers are old, damaged, and difficult to secure. Estimated replacement cost $25,000. (3) Replace office workstations and filing systems at five district stations (Districts 1, 2, 4, 5, and 7) including electrical and data work. Estimated cost $300,000. (4) Update Building Automation Systems at district stations to provide standard operations across all districts. Estimated cost $90,000.

G) **Additional Comments**

(1) DPW or engineering consultant estimates attached. (2) Current Balance Available committed to projects in progress or planning.

BMD-100

Capital Improvement Request Part II

Requesting Department: Police Department

Project/Program Title: District Station Repairs **Account No:** PL120120100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$655,000					$655,000
2014 Projection	$300,000					$300,000
2015 Projection	$300,000					$300,000
2016 Projection	$300,000					$300,000
2017 Projection	$300,000					$300,000
2018 Projection	$300,000					$300,000
Total Six Year Cost	$2,155,000	$0	$0	$0	$0	$2,155,000
Total Project Cost	$2,155,000	$0	$0	$0	$0	$2,155,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

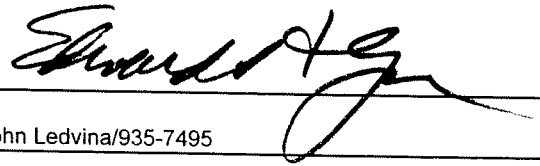
	2013	2014	2015	2016	2017	2018
Thorough Cost Estimate	☑	☐	☐	☐	☐	☐
Limited Information	☐	☑	☐	☐	☐	☐
Based on Cost of Similar Projects	☐	☐	☑	☑	☑	☑
Unsupported	☐	☐	☐	☐	☐	☐

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: Spring 2013

Estimated Completion Date: 12/31/14

Department Head Signature X 

Prepared By/Phone Ext John Ledvina/935-7495

CIC - Capital Improvement Request Part III

Department:	Police Department	Date Submitted:	3/23/2012
Project/Program:	District Station Repairs		
Prepared By:	John Ledvina/935-7495	Current Request:	$655,000
Dept Head:	Chief Edward A. Flynn	6 Yr Total:	$2,155,000

General Project/Program Description:

Systematic renovation of police district stations including infrastructure components such as HVAC, cell block, police assembly, offices, and public 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:

NTF window replacement will eliminate lead paint hazard and improve building climate control. District 7 locker replacement will better protect employee property. Updating Building Automation Systems will standardize operations providing better heating, ventilation and air conditioning for building occupants.

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:

Maintaining facilities in highly functional condition enables MPD to provide a high level of service to the public. NTF window replacement and standardizing building automation systems will decrease energy use.

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:

NTF window replacement will extend the life of the building. District 7 locker replacement and district station workstation replacement will reduce repairs and ad-hoc corrective maintenance. Updating and standardizing building automation systems will reduce energy consumption and improve maintenance personnel productivity.

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:

NTF window replacement and updating building automation systems will reduce energy consumption.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Data/Comm Center Repairs **Requesting Department:** Police Department

Prepared By/Phone Ext: John Ledvina/935-7495 **Department Head Signature:** [signature]

Account No: New

A) **Department Priority** 5 of 10 **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 - 3

D) **Total Positions** _____ **Total FTEs** _____

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

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F) **Project/Program Justification**

The Data/Comm Center is now ten years old and a number of maintenance and operational issues require attention. (1) Major repairs to the parking structure are required due to significant deterioration of the concrete whereby holes are occurring through the structural deck. Discussions with the City Attorney's Office are ongoing. A funding estimate is UNKNOWN at this time. (2) Uninterruptible Power Supply System battery replacement. The batteries' useful life is eight to ten years. Failure to replace the batteries may cause a communications systems failure in the event of a power outage if the batteries cannot bridge the time required for the emergency generators to assume the building's electrical load. Estimated cost $120,000. (3) Inside Lower Garage Floor epoxy coating. The lower garage floor was never treated with an epoxy coating and now shows signs of deterioration. Estimated cost to clean the floor and apply the epoxy coating is $75,000. (4) Third Floor Restroom and Custodial Closet. The 911 Dispatchers and Emergency Operations Center area of the building needs a restroom and janitorial closet constructed to meet increased use of this area of the building.

G) **Additional Comments**

(4) Continued. No estimate has been prepared. A pre-design allowance of $10,000 is needed to investigate and recommend the most economical solution to meet this requirement.

BMD-100

Capital Improvement Request Part II

Requesting Department: Police Department

Project/Program Title: Data/Comm Center Repairs **Account No:** New

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$205,000	ex Parking Structure				$205,000
2014 Projection	TBD					$0
2015 Projection	$0					$0
2016 Projection	$0					$0
2017 Projection	$0					$0
2018 Projection	$0					$0
Total Six Year Cost	$205,000	$0	$0	$0	$0	$205,000
Total Project Cost	$205,000	$0	$0	$0	$0	$205,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: Spring 2013

Estimated Completion Date: TBD

Department Head Signature [signature]

Prepared By/Phone Ext John Ledvina 935-7495

CIC - Capital Improvement Request Part III

Department:	Police Department	Date Submitted:	3/23/2012
Project/Program:	Data/Comm Center Repairs		
Prepared By:	John Ledvina/935-7495	Current Request:	$205,000
Dept Head:	Chief Edward Flynn	6 Yr Total:	TBD

General Project/Program Description:

Data/Comm Center is now ten years old. Items needing repair, replacement or augmentation include the parking structure, UPS Batteries, lower garage floor and restroom 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		X		Does the project **directly promote improved health or safety**?
X				Does the project **mitigate an immediate risk**?

Comments / Other Considerations:

UPS battery replacement will minimize risk to community and officer health and safety by preventing a communications failure should electrical power to the building fail. Parking structure repairs will prevent injuries and property damage.

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 parking garage condition has resulted in vehicle damage claims. Maintaining faciliites in highly functional condition enables MPD to provide a high level of service to the public. Life cycle costs minimized by structure repairs and lower garage floor coating. Restrooms closer to the 911 Dispatchers will increase productivity.

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)?

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:

Parking structure repairs, lower garage floor repairs, and UPS battery replacement will preserve the present life 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:

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:

Parking structure repairs are needed to minimize damage to the facility.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: RMS System **Requesting Department:** Milwaukee Police Department

Prepared By/Phone Ext: John Ledvina/935-7495 **Department Head Signature:** X

Account No:

A) **Department Priority** 6 of 10 **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 ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F) **Project/Program Justification**

The purpose of the project is to implement a state-of-the-art law enforcement records management system (RMS) at the City of Milwaukee Police Department (MPD). It is anticipated that the new RMS will allow MPD to better meet its needs as a data-driven policing organization. The RMS will be built upon 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-suggest, and context-sensitive help. The 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 as a means of prolonging the life of the system and improving compatibility with other systems.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: Plice Department

Project/Program Title: RMS System **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$3,500,000					$3,500,000
2014 Projection	$2,000,000					$2,000,000
2015 Projection	$2,000,000					$2,000,000
2016 Projection	$0					$0
2017 Projection	$0					$0
2018 Projection	$0					$0
Total Six Year Cost	$7,500,000	$0	$0	$0	$0	$7,500,000
Total Project Cost	$7,500,000	$0	$0	$0	$0	$7,500,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: 01/01/13

Estimated Completion Date: 12/31/15

Department Head Signature X

Prepared By/Phone Ext John Ledvina/935-7495

CIC - Capital Improvement Request Part III

Department:	Police Department	Date Submitted:	3/23/2013
Project/Program:	RMS System		
Prepared By:	John Ledvina/935-7495	Current Request:	$3,500,000
Dept Head:	Chief Edward Flynn	6 Yr Total:	$7,500,000

General Project/Program Description:

Implement a state-of-the-art law enforcement records management system (RMS). A new RMS will allow MPD to better meet its needs as a data-driven policing organization. The RMS will be built upon a relational database with properly structured data elements to support searching and reporting. The RMS will minimize duplicate data entry and maximize accessibility.

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:

A new RMS system will provide state-of-the-art records management and access to MPD. This will enhance community safety.

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:

Productivity will increase through better records management. Greater analysis capability for data-driven policing.

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**?
				Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Safety Academy Modifications

Requesting Department: Police Department

Prepared By/Phone Ext: John Ledvina/935-7495

Department Head Signature: [signature]

Account No: NEW

A)

Department Priority 7 of 10 **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 ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F)

Project/Program Justification

The Safety Academy is being used at capacity for recruit training, employee in-service training, and as a regional training center for other emergency service providers. This requires several immediate modifications to ensure safety and the ability to maximize training opportunities. (1) Security System. Perform a safety evaluation and implement a video monitoring system for the facility and occupants. The initial evaluation and installation of ten cameras would require $40,000. A subsequent request would be made in 2014 for any additional recommendations that result from the security evaluation. (2) Room 182 Movable Partition and Audio/Visual System. This large presentation room is used by both MPD and MFD. A movable partition would allow the room to be split to more fully utilize it. The audio/visual system would allow attendees toward the rear of the room to more clearly see and hear live and video presentations. Estimated cost $105,000.

G)

Additional Comments

BMD-100

Capital Improvement Request Part II

Requesting Department: Police Department

Project/Program Title: Safety Academy Modifications **Account No:** NEW

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$145,000					$145,000
2014 Projection	TBD					$0
2015 Projection	$0					$0
2016 Projection	$0					$0
2017 Projection	$0					$0
2018 Projection	$0					$0
Total Six Year Cost	$145,000	$0	$0	$0	$0	$145,000
Total Project Cost	$145,000	$0	$0	$0	$0	$145,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: Spring 2013

Estimated Completion Date: 12/01/14

Department Head Signature X Edward J. Flynn

Prepared By/Phone Ext John Ledvina/935-7495

CIC - Capital Improvement Request Part III

Department:	Police Department	Date Submitted:	3/23/2012
Project/Program:	Safety Academy Modifications		
Prepared By:	John Ledvina/935-7495	Current Request:	$145,000
Dept Head:	Chief Edward Flynn	6 Yr Total:	TBD

General Project/Program Description:

Safety Academy modifications to ensure safety and maximize training opportunities. (1) Security System - Perform an evaluation and install needed security monitoring features. (2) Room 182 Movable Partition and Audio/visual System to more fully utilize this large room and allow attendees toward the rear of the room to more clearly see and hear presentations.

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:

A security monitoring system will increase safety of building occupants and outside training and parking areas.

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:

As mentioned above, the security system will increase safety of building occupants and surrounding training and parking areas. The improvements to Room 182 (movable partition and audio/visual system) will increase training productivity.

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

Project/Program: Safety Academy Modifications

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:

The security system will utilize new technology as will the Room 182 audio/visual system. Both will provide enhanced service to employees and trainees.

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:

A building security system is needed to ensure the safety of building occupants.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Vehicle MDC/DVR Upgrade Project **Requesting Department:** Police Department

Prepared By/Phone Ext: John Ledvina/935-7495 **Department Head Signature:** x

Account No: NEW

A) **Department Priority** 8 of 10 **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 2

D) **Total Positions** _____ **Total FTEs** _____

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

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F) **Project/Program Justification**

The current Mobile Data Computers (MDCs) and Digital Video Recorders (DVRs) are outdated and frequently in need of repair. In addition, the current MDCs and DVRs 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 of the DVRs will increase reliability of the hardware and will allow the officer to better manage digital video evidence. The upgrade will allow for the utilization of technology that is invaluable to officers in the field. They will be better equipped to access databases, write reports, communicate with dispatch and fellow officers, and prioritize details for more effective responses.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: Police Department

Project/Program Title: Vehicle MDC/DVR Upgrade Project **Account No:** NEW

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$1,500,000					$1,500,000
2014 Projection	$1,500,000					$1,500,000
2015 Projection	$0					$0
2016 Projection	$0					$0
2017 Projection	$0					$0
2018 Projection	$0					$0
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

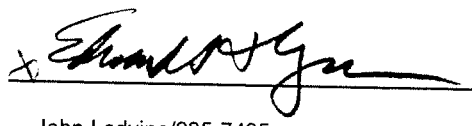
Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
Thorough Cost Estimate	☑	☑	☐	☐	☐	☐
Limited Information	☐	☐	☐	☐	☐	☐
Based on Cost of Similar Projects	☐	☐	☐	☐	☐	☐
Unsupported	☐	☐	☐	☐	☐	☐

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: 01/01/13

Estimated Completion Date: 12/31/14

Department Head Signature x 

Prepared By/Phone Ext John Ledvina/935-7495

CIC - Capital Improvement Request Part III

Department:	Police Department	Date Submitted:	3/23/2012
Project/Program:	Vehicle MDC/DVR Upgrade Project		
Prepared By:	John Ledvina/935-7495	Current Request:	$1,500,000
Dept Head:	Chief Edward Flynn	6 Yr Total:	$3,000,000

General Project/Program Description:
Replace outdated Mobile Data Computers (MDCs) and Digitadl Video Recorders (DVRs) deplyed in squad cars and other vehicles.

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:
Replace outdated MDCs and DVRs that are frequently in need of repair. Increase reliability. Standardize MDCs deployed in the field. Improve police service 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:
Replacement of current MDCs and DVRs will provide standard platforms and increased technology needed to support officers in the field. Information will be easier to obtain. Report writing, communication with dispatch and fellow officers, and response prioritization will be more productive.

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

Project/Program: Vehicle MDC/DVR Upgrade 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*
		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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Computer Systems Management Solution **Requesting Department:** Police Department

Prepared By/Phone Ext: John Ledvina/935-7495 **Department Head Signature:**

Account No: NEW

A) **Department Priority** 9 of 10 **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 ☑ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

The Milwaukee Police Department is in need of a Systems Management and Deployment Solution to reduce time in deploying and managing computer systems throughout the department. This solution also provides a hardware inventory and software tracking solution to ensure license audit compliance.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: Police Department

Project/Program Title: Computer Systems Management Solution **Account No:** NEW

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$85,000					$85,000
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$85,000	$0	$0	$0	$0	$85,000
Total Project Cost	$85,000	$0	$0	$0	$0	$85,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: Spring 2013

Estimated Completion Date: Dec 31 2013

Department Head Signature x Edward W Gru

Prepared By/Phone Ext John Ledvina/935-7495

CIC - Capital Improvement Request Part III

Department:	Police Department	Date Submitted:	3/23/2012
Project/Program:	Computer Systems Management Solution		
Prepared By:	John Ledvina/935-7495	Current Request:	$85,000
Dept Head:	Chief Edward Flynn	6 Yr Total:	$85,000

General Project/Program Description:

The Computer Systems Mangement and Deployment solution will reduce time in deploying and managing computer systems throughout the department. The solution has the ability to remotely modify software on remote portable electronic devices. It also provides a hardware inventory and software tracking solution to ensure license audit compliance.

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:

More efficient modifications to various electronic devices (computers, phones, other devices) will enhance the department's ability to provide data-driven community policing.

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:

Solution allows more efficient modifications to electronic device software.

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

Project/Program: Computer Systems Management Solution

*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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Safety Academy Expansion
Requesting Department: Police Department
Prepared By/Phone Ext: John Ledvina/935-7495
Department Head Signature: [signature]
Account No: NEW

A) **Department Priority** 10 of 10 **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 ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F) **Project/Program Justification**

(1) Provide a study examining the benefits of utilizing the area of the former Gray's Daycare and Cionference Center property immediately south of the Safety Academy. This study would include a conceptual plan outlining the program needs of the City including MPD, MFD, DPW, and DCD. Estimated cost $55,000. (2) Abate hazardous materials and demolish buildings. Estimated cost $1 million. (3) Re-develop as training facility over multiple years. MPD and MFD will jointly develop and request funding for this long-term capital project. Estimated cost $12 - $15 million.

G) **Additional Comments**

The City of Milwaukee obtained the property formerly known as the Gray's Daycare and Conference Facility located immediately adjacent to the Safety Academy late in 2011 due to unpaid property taxes. This facility sits on 17 acres and has a number of structures located on the property. An evaluation of the facilites was performed by Eppstein Uhen Architects. It determined that the buildings are in such disrepair that they should be torn down. In addition to asbestos throughout the facilities, water infiltration has rendered the buildings unusable and they likely will become a health hazard in the near future. MPD, MFD and DPW have common needs for additional training facilities. This property offers a one-time opportunity to dedicate this site for City use.

BMD-100

Capital Improvement Request Part II

Requesting Department: Police Department

Project/Program Title: Safety Academy Expansion **Account No:** NEW

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$1,055,000					$1,055,000
2014 Projection	$4,000,000					$4,000,000
2015 Projection	$4,000,000					$4,000,000
2016 Projection	$4,000,000					$4,000,000
2017 Projection	$0					$0
2018 Projection	$0					$0
Total Six Year Cost	$13,055,000	$0	$0	$0	$0	$13,055,000
Total Project Cost	$13,055,000	$0	$0	$0	$0	$13,055,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: Spring 2013

Estimated Completion Date: 12/01/16

Department Head Signature X

Prepared By/Phone Ext John Ledvina/935-7495

CIC - Capital Improvement Request Part III

Department:	Police Department	Date Submitted:	3/23/2012
Project/Program:	Safety Academy Expansion		
Prepared By:	John Ledvina/935-7495	Current Request:	$1,055,000
Dept Head:	Chief Edward Flynn	6 Yr Total:	$13,055,000

General Project/Program Description:

Initially study the benefits of utilizing the area of the former Gray's Daycare and Conference Center property immediately south of the Safety Academy. Also, abate hazardous materials and demolish buildings. In following years, redevelop as training facility. MPD and MFD will jointly delveop and fund this long-term capital project.

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:

Demolition would remove buildings in dilapitated condition and containing hazardous materials.

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 eventual training facility expansion will replace current on-site facilities and rented facilities. Personnel currently providing training would continue in that capacity. Possible additional revenue from other jurisdictions utilizing expanded regional training center. Potential costs to be quantified in expansion study.

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

Project/Program: Safety Academy Expansion

*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:

Former Gray's Daycare and Conference facility is unusable in current condition. An eventual new training facility would augment the current Safety Academy and increase capacity beyond current training opportunities utilizing new technology.

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:

City of Milwaukee

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 15, 2012

Mr. Edward Flynn
Chief of Police
Police Administration Building, 7th Floor
Milwaukee, Wisconsin

Attn: Richard Moore

Subject: 2013 Capital Budget Estimate
Various Police Department 2013 Capital Requests

The following is in response to your request to update or provide new estimates for various projects in the Police Administration Building, Safety Academy and District Stations.

Police Administration Building Master Plan Remodeling: Phase Two of the plan includes the remodeling of the 5th floor. The budget amount included in the master plan is still current.

Total	**$5,425,700**

Police Administration Building, Repairs to Sub-Basement Garage Floor: The City contracted with consultant AECOM to provide a complete evaluation of a continuing floor deterioration issue in the Police Administration Building sub-basement garage. The report issued by AECOM included 2011 construction estimate of $275,000. The following Capital Estimate updates the construction estimate and includes costs for design and administration.

The total project cost is as follows:

Construction,	$ 291,500
Design	$ 25,000
Administration/Inspection	$ 12,000
Total	**$ 328,500**

Data Communication Center - Parking Deck Evaluation, 2333 N. 49th Street: As indicated in your request, the report for the repairs of the parking deck has not been completed and the costs are indeterminate at this point.

Data Communication Center – 3rd Floor Toilet Room and Janitor's Closet, 2333 N. 49th Street: DPW staff have not had the opportunity to collect the information necessary to provide an accurate estimate. We recommend providing a pre-design allowance at this point to allow staff to investigate this issue to determine the most economical solution appropriate to meet the needs of your staff at this facility.

Data Communication Center – UPS Battery Replacement, 2333 N. 49th Street: As indicated in your request the Police Departments current Capital Estimate for this work is **$120,000**. At your request DPW is willing to assist with this work in any capacity as required.

Project cost is as follows:	**$ 120,000**

Data Communication Center – Epoxy Coating of Floor, Lower Garage, 2333 N. 49th Street: The following is an update of your 2005 Capital Estimate of $55,000.

Total	**$75,250**

Safety Academy – Room 182 Movable Partition and Presentation Equipment: The following includes installation of a 42' wide movable partition, including modification to ceiling, lighting and assumed minor mechanical modifications as required by this work. This also includes the installation of one integrated projector, screen and sound system, including AV controls.

The total project cost is as follows:

Construction	$ 80,000
Design	$ 15,000
Administration/Inspection	$ 7,500
Total	**$ 102,500**

Safety Academy – Perform Safety Review and Implement Monitoring: Per your request the following is an estimate for DPW security staff to perform a safety review of the Safety Academy and install camera monitoring at up to 10 locations (including monitoring station) based on review. It is difficult to determine the need or number of security partitions that may be defined be this review or the building code implications, therefore the cost estimate does not include any partition costs at this time.

The total project cost is as follows:

Camera installation (10 locations)	$ 25,000
Administration	$ 4,500
Total	**$ 29,500**

Safety Academy – Cost/Benefit Study for Acquisition of Adjacent South Property: Provide a study of the examining the benefits of acquiring the current Gray's Daycare and Conference Center property to the south of the Safety Academy. This study is to include a conceptual plan outlining the current program needs of the City (including MPD,MFD & DPW).

Total	**$ 55,000**

District Station Upgrades – Remodel of General Office Workstations: Work to include the remodeling of the general office area of the District Stations 1, 2, 4, 5, and 7. Remodeling to include installation of new work stations and filling and all associated electrical, data and communications systems. Painting and light fixture replacement is also included.

The total project cost is as follows:

Construction	$ 261,000
Design	$ 21,000
Administration/Inspection	$ 15,000
Total	**$ 297,000**

Neighborhood Task Force Facility – Replace all Windows: Work to remove and replace all existing windows. This work includes basement, first, and second floor windows and all windows in the existing garage.

The total project cost is as follows:

Construction	$ 200,550
Design	$ 25,000
Administration/Inspection	$ 15,000
Total	**$ 240,550**

District 7, 3626 W. Fond Du Lac – Replace All Existing Lockers: This work includes the removal and replacement of the employee lockers. Estimate includes installation of 60 – 18" x 18" x 60" height lockers.

The total project cost is as follows:

Construction	$ 13,620
Administration/Inspection	$ 4,500
Total	**$ 18,120**

Various District Stations – Update Mechanical Automation System: Update of the Trane Tracer building automation system to provide standard operations across all district. As indicated in your request the Police Departments current Capital Estimate for this work is **$90,000**. At your request DPW is willing to assist with this work in any capacity as required.

Project cost is as follows: **$ 90.000**

Sincerely,

Venu J. Gupta
Director, Facilities Development and Management
DPW Infrastructure Services

Room 602, Frank P. Ziedler Municipal Building, 841 N. Broadway, Milwaukee, Wisconsin 53202-3681. TDD 286-2025
City Facilities (414) 286-3400 Fax (414) 286-5907; Fleet Services (414) 286-2261 Fax (414) 286-2157

MK:

cc: Venu Gupta
Chief Flynn
Paul Fredrich
Thomas Tarkowski
John Ledvina
J. Hagen
M. Hoerig
J. Plant
Michael Krause
Central File

S:\CapReqs\13\Attorn 13 update.doc

Port of Milwaukee

Capital Improvements Plan Request
2013-2018

3/26/2012

Rk	PORT OF MILWAUKEE PROJECT DESCRIPTION	2013 Budget Plan	2014 Budget Plan	2015 Budget Plan	2016 Budget Plan	2017 Budget Plan	2018 Budget Plan	Total 6 Year Plan
1	Pier, Berth and Channel Improvements	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 1,200,000
	**********Grant & Aid**********	$ 800,000	$ 800,000	$ 800,000	$ 800,000	$ 800,000	$ 800,000	$ 4,800,000
2	Terminal Resurfacing	$ 150,000		$ 250,000			$ 100,000	$ 500,000
3	Liquid Cargo Pier	$ 250,000						$ 250,000
4	Rail Track & Service Upgrades	$ 250,000		$ 100,000		$ 100,000		$ 450,000
5	Dockwall & Breakwater Rehabilitation	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 900,000
6	Cargo Handling Equipment	$ 500,000						$ 500,000
7	Port Facilities Systems	$ 200,000	$ 100,000		$ 100,000		$ 100,000	$ 500,000
8	Analyze and Upgrade Sewer System	$ 100,000						$ 100,000
9	Roadway Paving/Service Lanes	$ 200,000		$ 100,000				$ 300,000
10	Demolish & Rehab Facilities	$ 100,000		$ 100,000				$ 200,000
11	Port Security	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 600,000
12	New Crane		$ 4,000,000					$ 4,000,000
13	City Heavy Lift Dock			$ 520,000				$ 520,000
	**********Grant & Aid**********			$ 2,080,000				$ 2,080,000
14	Energy Initiatives			$ 100,000		$ 100,000		$ 200,000
15	Rehab Electrical Svc. So. Harbor Tract			$ 100,000				$ 100,000
16	Secured Ferry Terminal Parking		$ 100,000					$ 100,000
17	Harbor Maintenance Dredging		$ 200,000				$ 150,000	$ 350,000
	**********Grant & Aid**********		$ 800,000					$ 800,000
18	Transload Facility		$ 350,000					$ 350,000
	**********Grant & Aid**********		$ 1,400,000					$ 1,400,000
19	Confined Disposal Facility Expansion	$ 75,000						$ 75,000
	Total Port of Milwaukee Projects	$ 3,075,000	$ 8,200,000	$ 4,600,000	$ 1,350,000	$ 1,450,000	$ 1,600,000	$ 20,275,000
	Total Grant & Aid	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 600,000
	Total City Funding	$ 2,975,000	$ 8,100,000	$ 4,500,000	$ 1,250,000	$ 1,350,000	$ 1,500,000	$ 19,675,000

BMD-100

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: Eric C. Reinelt
Account No: PT180000200

A) **Department Priority** 1 of 19 **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 ☑ 2011-2016 ☑ 2012-2017 ☐ 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**

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Pier, Berth and Channel Improvements **Account No:** PT 180000200

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$13,764					$13,764
2013 Budget Request	$200,000	$800,000				$1,000,000
2014 Projection	$200,000	$800,000				$1,000,000
2015 Projection	$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
Total Six Year Cost	$1,200,000	$4,800,000	$0	$0	$0	$6,000,000
Total Project Cost	$1,213,764	$4,800,000	$0	$0	$0	$6,013,764
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: TBD

Estimated Completion Date: TBD

Department Head Signature Eric C. Lewitt

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Pier, Berth and Channel Improvements		
Prepared By:	Hattie Billingsley	Current Request:	$1,000,000
Dept Head:	Eric Reinelt	6 Yr Total:	$6,000,000

General Project/Program Description:

This program funds the city match funds for grants obtained throught the state department of DOT, Harbor Assistance program. Funding of 80% of the total would be provded by grants from the state or a projected $4.8 million with the remaining being provided through 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?

x

At this point in time the exact project has not been determined. The Port will specify the project during the application period.

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)?

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 account has historically been used as the conduit for grant request through the Wisconsin Dept. of Transportation. Funding would be for the 20% expected share of match funds for projects funded throught the state's Harbor Assistance program. The expected share of the City's cost for the projects if awarded would be $200,000 for the current year and $1.2 million for the 6 year plan.

BMD-100

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: Eric A. Pennett

Account No: PT180080300

A) Department Priority 2 of 19 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 ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) Project/Program Justification

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 the Port's terminals have settled due to the Harbor's subsurface conditions. This on-going maintenance program restores the paved areas to a useable condition where most needed as funding allows.

G) Additional Comments

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Terminal Resurfacing **Account No:** PT180080300

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$150,000					$150,000
2014 Projection						$0
2015 Projection	$250,000					$250,000
2016 Projection						$0
2017 Projection						$0
2018 Projection	$100,000					$100,000
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:

	2013	2014	2015	2016	2017	2018
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: 05/01/13

Estimated Completion Date: 10/31/13

Department Head Signature Eric T. Rennitt

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Terminal Resurfacing		
Prepared By:	Hattie Billingsley	Current Request:	$150,000
Dept Head:	Eric Reinelt	6 Yr Total:	$500,000

General Project/Program Description:

Due to settling of Port grounds the floors of 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 terminals floors on an as needed basis so that they are serviceable.

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)?

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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Liquid Cargo Pier

Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley

Department Head Signature: Erin C. Kennett

Account No: Pending

A)

Department Priority 3 of 19 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 ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F) Project/Program Justification

This funding will be used to supplement a Harbor Assistance program grant to rehabilitate the Liquid Cargo Pier. The total project cost is $1.5 million with 80% of the funding ($1.2 million) provided by Wisconsin Dept of Transportation and the remaining 20% ($300,000) coming from the Port's Pier, Berth and Channel capital account PT180000200. The supplement is for additional damage discovered during the rehabilitation project which was not in the scope of the original rehabilitation project but is necessary to bring the Liquid Cargo Pier to a safe and operable condition. The additional work is to replace pilings and cross sections of the pier which have extensive damage.

G) Additional Comments

This project was awarded in 2007 but deferred because the Port did not have a tenant at this location and therefore the Port was not eligible for the grant funding. In 2011, this stipulation was removed and the Port began work on this project in 2012. These funds are necessary to complete the project and bring the Liquid Cargo Pier to a condition where it is viable to lease to a tenant.

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Liquid Cargo Pier **Account No:** Pending

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$250,000					$250,000
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 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)	$17,000					$17,000

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: 02/01/12

Estimated Completion Date: 12/31/13

Department Head Signature Eric L. Kmiec

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Liquid Cargo Pier		
Prepared By:	Hattie Billingsley	Current Request:	$250,000
Dept Head:	Eric Reinelt	6 Yr Total:	$250,000

General Project/Program Description:

This funding will be used to supplement a Harbor Assistance program grant to rehabilitate the Liquid Cargo Pier. The funds cover repair of additional damage discovered during the rehabilitation project which was not in the scope of the original rehabilitation project. The additional work is to replace pilings and cross sections of the pier which have extensive damage.

*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:

Rehabilitation of the Liquid Cargo Pier will result in opportunities to generate rental revenues by bringing this property to a useable condition to support heavier load bearing operations and equipment.

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

Project/Program: Liquid Cargo Pier

*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:

The Port anticipates leasing this property to a long term tenant upon completion of the rehabilitation.

Yes	No	N/A	Amount	**Special Considerations**
x			$1,200,000	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 total project cost to rehabilitate the Liquid Cargo Pier is $1.5 million with 80% of the funding ($1.2 million) provided by Wisconsin Dept of Transportation and the remaining 20% ($300,000) coming from the Port's Pier, Berth and Channel capital account PT180000200. The project is currently in process and these funds will be used to complete the additional cost described in the general project description.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Rail Track & Service Upgrades

Requesting Department: Port Of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley / x-3649

Department Head Signature: Eric C. Kowalik

Account No: PT180070100

A) Department Priority 4 of 19 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 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
			$
			$
			$

E) In Six Year Capital Improvement Plan

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ 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, businesses 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 requirement by upgrading rail track from 90 lbs to 110/115 lbs.

G) Additional Comments

IFI Terminals, a Port tenant has requested rail track be laid to access their facility. The rail tracks would provide storage for rail cars to carry ethanol from the facility for shipment by rail of ethanol produced by the tenant. The anticipated increase in ethanol production would be a revenue source for the Port. In addition the Port anticipates replacing the railroad crossing at Harbor and Carferry Drives during 2013.

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Rail Track & Service Upgrades **Account No:** PT 180070100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$250,000					$250,000
2014 Projection						$0
2015 Projection	$100,000					$100,000
2016 Projection						$0
2017 Projection	$100,000					$100,000
2018 Projection						$0
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

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: 04/01/13

Estimated Completion Date: 12/31/13

Department Head Signature Eric C. Reinelt

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Rail Track & Service Upgrades		
Prepared By:	Hattie Billingsley	Current Request:	$250,000
Dept Head:	Eric Reinelt	6 Yr Total:	$450,000

General Project/Program Description:

This funding would be to upgrade the Port's 17 miles of rail track system on an on-going basis to meet modern day safety and service load requirement by upgrading rail track from 90 lbs to 110/115 lbs.

*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 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)?

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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Dockwall & Breakwater Rehabilitation

Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley

Department Head Signature: Eric T-Kenwell

Account No: PT18080110

A)

Department Priority 5 of 19 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 ☑ 2011-2016 ☑ 2012-2017 ☐ 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, businesss 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 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 dockwalls to be well maintained for lease and cargo operations. Well maintained dockwalls 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 city to maintain dockwalls 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

Project/Program Title: Dockwall & Breakwater Rehabilitation **Account No:** PT18080110

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$9,513					$9,513
2013 Budget Request	$150,000					$150,000
2014 Projection	$150,000					$150,000
2015 Projection	$150,000					$150,000
2016 Projection	$150,000					$150,000
2017 Projection	$150,000					$150,000
2018 Projection	$150,000					$150,000
Total Six Year Cost	$900,000	$0	$0	$0	$0	$900,000
Total Project Cost	$909,513	$0	$0	$0	$0	$909,513
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: TBD

Estimated Completion Date: TBD

Department Head Signature Eric T. Ramlet

Prepared By/Phone Ext Hattie Billingsley / 3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Dockwall & Breakwater Rehabilitation		
Prepared By:	Hattie Billingsley	Current Request:	$150,000
Dept Head:	Eric Reinelt	6 Yr Total:	$900,000

General Project/Program Description:

This is an on-going planned rehabilitation program to provide funding for the maintenance of the 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**
				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)?

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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Cargo Handling Equipment

Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley

Department Head Signature: Eric T. Ranieri

Account No: PT180050200

A)

Department Priority 6 of 19 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 ☐ 2011-2016 ☑ 2012-2017 ☑ 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 of Milwaukee must ensure a minimum capability in the area of cargo handling equipment to ensure a stable uninterrupted ability to serve customers. Based on a pending decision from the Railroad Administration the Port may be required to be responsible for the switching of rail cars on the South Harbor tract. If this occurs the Port anticipates they may have to purchase a locomotive engine to provide this service to the tenants which use the rail tracks on Jones Island. In addition, the Port's cargo streams are an important contributor to regional employment and the Port's overall mission. The cranes which the Port rents to tenants and customers are old and in need of major repairs. Funding would be used to do major overhauls of cranes and/or to purchase equipment to handle wind cargo.

G)

Additional Comments

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Cargo Handling Equipment Rehab/Upgrade **Account No:** PT180050200

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$283,016					$283,016
2013 Budget Request	$500,000					$500,000
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$500,000	$0	$0	$0	$0	$500,000
Total Project Cost	$783,016	$0	$0	$0	$0	$783,016
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: TBD

Estimated Completion Date: TBD

Department Head Signature Eric L. Reinelt

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Cargo Handling Equipment		
Prepared By:	Hattie Billingsley	Current Request:	$500,000
Dept Head:	Eric Reinelt	6 Yr Total:	$500,000

General Project/Program Description:

Funding would be used to do extensive repairs and/or major overhauls for the Port's cranes and / or other cargo handling equipment. Additionally, this funding would be used for replacement of equipment which is no longer serviceable and to provide additional cargo handling equipment as needs are specifically identified. This fund may be used for a locomotive engine if regulatory agents mandate

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: Cargo Handling Equipment Rehab / 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)?

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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Port Facility Systems

Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley / x-3649

Department Head Signature: Eric C. Kowalt

Account No: PT180080400

A) Department Priority 7 of 19 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 ☑ 2011-2016 ☑ 2012-2017 ☑ 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 maintains its operating facilities in excellent condition. For the past several years the Port's operating budget included cash funding for this project of roughly $75,000 annually as a special fund to do major maintenance repairs to terminals and piers. This funding would be used for scheduled major repairs/maintenance to Port facilites and to do emergency repair work as needed, for projects/damages which exceed the special funds set aside for major maintenance terminals and piers. Loss of revenue to the city will result if the Port's facilities are not maintained in a safe and useable condition.

G) Additional Comments

The Port has determined that extensive tuck pointing work is needed at the west end of Terminals 3 & 4 due to the deterioriating condition of the building. Maintenance has been delayed in the past and now it is essential complete this work.

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Port Facility Systems **Account No:** PT180080400

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$67,220					$67,220
2013 Budget Request	$200,000					$200,000
2014 Projection	$100,000					$100,000
2015 Projection						$0
2016 Projection	$100,000					$100,000
2017 Projection						$0
2018 Projection	$100,000					$100,000
Total Six Year Cost	$500,000	$0	$0	$0	$0	$500,000
Total Project Cost	$567,220	$0	$0	$0	$0	$567,220
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: 01/01/13

Estimated Completion Date: 12/31/13

Department Head Signature Eric C. Ranfft

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Port Facility Systems		
Prepared By:	Hattie Billingsley	Current Request:	$200,000
Dept Head:	Eric Reinelt	6 Yr Total:	$500,000

General Project/Program Description:

This funding would be used for scheduled major repairs/maintenance to Port facilities and to do emergency repair work as needed, for projects/damages which exceed the special funds set aside for major Maintenance Terminals and Piers.

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 Facilities Systems

*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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Analyze and Upgrade Sewer System

Requesting Department: Port Of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley / x-3649

Department Head Signature: Eric C. Newell

Account No:

A) Department Priority 8 of 19 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 ☑ 2011-2016 ☑ 2012-2017 ☐ 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. This is an on-going program. The Port of Milwaukee maintains an extensive (10 miles) sewer system to serve the Port area. Regular inspections of the system are needed to determine if heavy and corrosive cargo loadings have reduced the capacity of the system. Rehabilitation of the system may be needed for safety, and to meet state and federal regulations. If this program is not funded or is funded at a reduced level, the analysis and any rehabilitation would be prolonged and the Port may be in violation of state and /or federal regulations.

G) Additional Comments

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Analyze and Upgrade Sewer System **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$100,000					$100,000
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 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)						$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: TBD

Estimated Completion Date: TBD

Department Head Signature Eric Rinelt

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Analyze and Upgrade Sewer System		
Prepared By:	Hattie Billingsley	Current Request:	$100,000
Dept Head:	Eric Reinelt	6 Yr Total:	$100,000

General Project/Program Description:
This funding is to rehabilitate and upgrade the 10 miles of sewer system which is owned and maintained by 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:
This program combats the corrosive impact to roads and real estate on the south tract of Port of Milwaukee by providing an effective system for proper runoff of water which if not channeled properly can cause extensive damage to roads and buildings on the South Harbor tract due to the high salt content which is shipped and stored from the South Harbor tract.

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: Analyze and Upgrade Sewer 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:

BMD-100

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: Eric C. Kunicki

Account No: _____

A) Department Priority 9 of 19 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 4

D) Total Positions 0 Total FTEs 0.0

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

E) In Six Year Capital Improvement Plan

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ 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 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

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Roadway/Service Lane Paving **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$200,000					$200,000
2014 Projection						$0
2015 Projection	$100,000					$100,000
2016 Projection						$0
2017 Projection						$0
2018 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

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: TBD

Estimated Completion Date: TBD

Department Head Signature Timothy L. Schmidt

Prepared By/Phone Ext Hattie Billingsley

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Roadway/Service Lane Paving		
Prepared By:	Hattie Billingsley	Current Request:	$200,000
Dept Head:	Eric Reinelt	6 Yr Total:	$300,000

General Project/Program Description:

These funds will be used to pave service drives on Jones Island which are not public roads and therefore not eligible to be paved using wheel tax 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			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)?

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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Demolish/Rehab Expired Leasehold Facilities

Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billlingsley

Department Head Signature: Eric C. Meuelt

Account No:

A) Department Priority 10 of 19 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 2

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
			$
			$
			$

E) In Six Year Capital Improvement Plan

Yes ☐ 2011-2016 ☑ 2012-2017 ☐ 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 funds would be used to remove any unneeded buildings and to rehabilitate the property so it can be leased out again.

G) Additional Comments

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Demolish/Rehab Expired Leasehold Facilities **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$100,000					$100,000
2014 Projection						$0
2015 Projection	$100,000					$100,000
2016 Projection						$0
2017 Projection						$0
2018 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

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: TBD

Estimated Completion Date: TBD

Department Head Signature Eric C. Ronett

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Demolish/Rehab Expired Leasehold Facilities		
Prepared By:	Hattie Billingsley	Current Request:	$100,000
Dept Head:	Eric Reinelt	6 Yr Total:	$200,000

General Project/Program Description:

Funds will be used to demolish buildings built by tenants who are no longer leasing the facilities and to rehab expired leaseholds so the properties can be leased out to new tenants.

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: Demolish/Rehab Expired Leasehold 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)?

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:

BMD-100

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: Eric C. Kinnett

Account No: PT180040100

A)

Department Priority 11 of 19 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 ☑ 2011-2016 ☑ 2012-2017 ☐ 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 throught the Dept. 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 needed security measures and mandates here at the Port of Milwaukee. The requested funds will be utilized to carryout the latest US Coast Guard secuity plans and programs for the Port of Milwaukee.

G)

Additional Comments

The Department of Homeland Security has awarded the Port of Milwaukee 6 grants over the past 5 years. The awards have been made not only to the Port of Milwaukee but also to the Milwaukee Fire and Police Department and to the surrounding municipalities in conjunction with the Port's awards. The city match funds for these awards has been 25% of the total cost of the award. These funds have been used to provide the City's match funds for these awards for capital equipment.

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 2012	$240,622					$240,622
2013 Budget Request	$100,000					$100,000
2014 Projection	$100,000					$100,000
2015 Projection	$100,000					$100,000
2016 Projection	$100,000					$100,000
2017 Projection	$100,000					$100,000
2018 Projection	$100,000					$100,000
Total Six Year Cost	$600,000	$0	$0	$0	$0	$600,000
Total Project Cost	$840,622	$0	$0	$0	$0	$840,622
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: TBD

Estimated Completion Date: TBD

Department Head Signature Eric C. Reinelt

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Port Security		
Prepared By:	Hattie Billingsley	Current Request:	$100,000
Dept Head:	Eric Reinelt	6 Yr Total:	$600,000

General Project/Program Description:

These funds will be used to purchase Port security upgrades and enhancements as mandated by the federal Department of Homeland Security. In addition, they will provide the City match funds for any Port security grants awarded during the requested years. Typically the federal grant is 75% of the total with the City required to provide 25% in match 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			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)?

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			Undetermined	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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: New Crane / Heavy Lift Equipment

Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley / x-3649

Department Head Signature: Eric C. Reinelt

Account No:

A) Department Priority 12 of 19 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 ☑ 2011-2016 ☑ 2012-2017 ☑ 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 to transport through Milwaukee. They anticipate recent changes in the Wiconsin 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

The Port will continue to investigate the possibility of subsidizing funding through grants from the Wisconsin Department of Transportation Harbor Assistance Program to fund a major portion of the cost of the new crane. The grants typically provide 80% of the funds with the remaining 20% funded through the city's Debt Service Fund.

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: New Crane / Heavy Lift Equipment **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection	$4,000,000					$4,000,000
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 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

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: TBD

Estimated Completion Date: TBD

Department Head Signature Eric T. Ninett

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	New Crane / Heavy Lift Equipment		
Prepared By:	Hattie Billingsley	Current Request:	$4,000,000
Dept Head:	Eric Reinelt	6 Yr Total:	$4,000,000

General Project/Program Description:
The funds would be used to purchase a new crane for use 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			Undetermined	What **return on investment** will this project generate?
x			Undetermined	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: New 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)?

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:

BMD-100

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: Eric C. Klumelt

Account No:

A) Department Priority 13 of 19 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 ☐ 2011-2016 ☑ 2012-2017 ☐ 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 shippping 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 loads of vessels docking capacity 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

BMD-100

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 2012						$0
2013 Budget Request						$0
2014 Projection						$0
2015 Projection	$520,000	$2,080,000				$2,600,000
2016 Projection						$0
2017 Projection						$0
2018 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

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: TBD

Estimated Completion Date: TBD

Department Head Signature Eric C. Meilt

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	City Heavy Lift Dock Improvements		
Prepared By:	Hattie Billingsley	Current Request:	$0
Dept Head:	Eric Reinelt	6 Yr Total:	$2,080,000

General Project/Program Description:

Funding is for a major overhaul of the city's Heavy Lift Dock located on Jones Island. The project would entail strengthening the dock to increase load capacity and lengthening the dock for increased berthing capacity. The project would also include dredging which would allow for larger ships to dock at 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:

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

Project/Program: City Heavy Lift Dock Improvements / 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)?

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			$2,080,000	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 Port obtains approval to apply for and receive a Harbor Assistance grant from the Wisconsin DOT the potential funding would be $2,080,000 or 80% of the total cost with matching funds provided by the City of 20% or $520,000.

BMD-100

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: Eric C. Kemelt

Account No: _____

A) Department Priority 14 of 19 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 ☑ 2011-2016 ☑ 2012-2017 ☐ 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 enrgy efficient aluminum coated roof as replacements are deemend necessary / needed. To date only one roof replacement at the Port has been suitable for this project. The engineering staff continues to look at each roof replacement or repair to determine if this process is suitable for the replacement / repair project.

G) Additional Comments

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Energy Efficient Initiatives / Upgrades **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection						$0
2015 Projection	$100,000					$100,000
2016 Projection						$0
2017 Projection	$100,000					$100,000
2018 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

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: TBD

Estimated Completion Date: TBD

Department Head Signature Eric C. Reinelt

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Energy Efficient Initiatives / Upgrades		
Prepared By:	Hattie Billingsley	Current Request:	$0
Dept Head:	Eric Reinelt	6 Yr Total:	$200,000

General Project/Program Description:
This funding is used to replace roofs of Port facilities as necessary with energy efficient aluminum coated 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:

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)?

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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Rehab Electrical Services S. Harbor Tract Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley Department Head Signature: Eric L. Rinehart

Account No: PT180080100

A) Department Priority 15 of 19 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 ☑ 2011-2016 ☑ 2012-2017 ☑ 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 2015 due to the critical nature of other proposed Port capital projects.

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Rehab Electrical Services So. Harbor Tract **Account No:** PT180080100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection						$0
2015 Projection	$100,000					$100,000
2016 Projection						$0
2017 Projection						$0
2018 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)	$49,325					$49,325

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: TBD

Estimated Completion Date: TBD

Department Head Signature Eric C. Klett

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Rehab Electrical Services S. Harbor Tract		
Prepared By:	Hattie Billingsley	Current Request:	$0
Dept Head:	Eric Reinelt	6 Yr Total:	$100,000

General Project/Program Description:
This funding is to upgrade electrical services provided to ships docked for winter mooring at the Port of Milwaukee east mooring basin.

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 is being completed in phases. Two phases of the upgrade/rehabilitation have occurred to date. Electrical service usage by ships docked for winter mooring have been reimbursed by the ship owners.

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

Project/Program: Rehab Electrical Service So. 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)?

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:

BMD-100

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: Eric C. Meinelt

Account No: PT180050100

A) Department Priority 16 of 19 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 ☐ 2011-2016 ☑ 2012-2017 ☑ 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 Dept. of Homeland Security has mandated new laws and regulations regarding security at US Ports. This project would provide additional improvements 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

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Secured Ferry Terminal Parking Facilities **Account No:** PT180050100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection	$100,000					$100,000
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 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)						$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: TBD

Estimated Completion Date: TBD

Department Head Signature Eric C. Ronelt

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Secured Ferry Terminal Parking Facilities		
Prepared By:	Hattie Billingsley	Current Request:	$0
Dept Head:	Eric Reinelt	6 Yr Total:	$100,000

General Project/Program Description:

This funding would be used 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

*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:

BMD-100

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: Eric C. Reinelt

Account No: PT18080200

A) Department Priority 17 of 19 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 ☑ 2011-2016 ☑ 2012-2017 ☑ 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

Project/Program Title: Harbor Maintenance Dredging **Account No:** PT18080200

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection	$200,000	$800,000				$1,000,000
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection	$150,000					$150,000
Total Six Year Cost	$350,000	$800,000	$0	$0	$0	$1,150,000
Total Project Cost	$350,000	$800,000	$0	$0	$0	$1,150,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: TBD

Estimated Completion Date: TBD

Department Head Signature Eric C. Meinelt

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Harbor Maintenance Dredging		
Prepared By:	Hattie Billingsley	Current Request:	$0
Dept Head:	Eric Reinelt	6 Yr Total:	$1,150,000

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)?

Comments / Other Considerations:

Yes	No	N/A	Amount	**Infrastructure** - *Primarily recurring infrastructure and facility preservation programs*
x		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			$800,000	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 Port obtains approval to apply for and receive a Harbor Assistance grant from the Wisconsin DOT the potential funding would be $800,000 or 80% of the total cost with matching funds provided by the City of 20% or $200,000.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Transload Terminal

Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley / x-3649

Department Head Signature: Eric C. Newell

Account No:

A) Department Priority 18 of 19 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 3

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
			$
			$
			$

E) In Six Year Capital Improvement Plan

Yes ☐ 2011-2016 ☑ 2012-2017 ☐ 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 betweeen rail/truck and water (ferry/barge) will enhance the Port's development and allow the Port to capture a greater share of the transportation market.

G) Additional Comments

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Transload Terminal **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection	$350,000	$1,400,000				$1,750,000
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
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

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: TBD

Estimated Completion Date: TBD

Department Head Signature Eric C. Vennelt

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Transload Terminal		
Prepared By:	Hattie Billingsley	Current Request:	$0
Dept Head:	Eric Reinelt	6 Yr Total:	$1,750,000

General Project/Program Description:

This project would be to provide funds for an intermodal facility which is still in the conceptual phase to upgrade and advance the Port'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?
				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?
				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 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)?

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			$1,400,000	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 Port obtains approval to apply for and receive a harbor Assistance grant from the Wisconsin DOT the potential funding would be $1.4 million or 80% of the total cost with matching funds provided by the City of 20% or $350,000.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Confined Disposal Facility Expansion

Requesting Department: Port of Milwaukee

Prepared By/Phone Ext: Hattie Billingsley

Department Head Signature: Eric C. Reinelt

Account No: PT320080200

A) Department Priority 19 of 19 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 4

D) Total Positions 0 Total FTEs 0.0

Position Title	No. of Positions	FTEs	Salaries
			$
			$
			$

E) In Six Year Capital Improvement Plan

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) Project/Program Justification

The Port has a major role in the local economy providing land for businesses that need to be near the water. Waterfront dock space on Jones Island is at a premium and the area which has such waterfront and dock space available is currently unuseable. Recovery of land by way of land fill has provided economic development on the south Harbor tract. This funding would sustain continued restoration of confined disposal facilities into marketable waterfront development. Specifically this funding would be used to supplement the current Dredged Material Disposal facilities project at the Port of Milwaukee.

G) Additional Comments

BMD-100

Capital Improvement Request Part II

Requesting Department: Port of Milwaukee

Project/Program Title: Confined Disposal Facility Expansion **Account No:** PT320080200

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$75,000					$75,000
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$75,000	$0	$0	$0	$0	$75,000
Total Project Cost	$75,000	$0	$0	$0	$0	$75,000
Life to Date Expenditures (Project Only)	$1,857,000					$1,857,000

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: 01/01/10

Estimated Completion Date: 12/31/12

Department Head Signature Eric L Vennett

Prepared By/Phone Ext Hattie Billingsley / x-3649

CIC - Capital Improvement Request Part III

Department:	Port of Milwaukee	Date Submitted:	3/23/2012
Project/Program:	Confined Disposal Facility Expansion		
Prepared By:	Hattie Billingsley	Current Request:	$75,000
Dept Head:	Eric Reinelt	6 Yr Total:	$75,000

General Project/Program Description:

This funding will sustain continued restoration of confined disposal facilities into marketable waterfront development and possibly be used for miscellaneous extras associated with the contruction of the new Dredged Material Disposal Facility 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?

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: Confined Disposal Facility Expansion

*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			$2,093,000	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 would supplement $3.95 million dollars for the Dredged Material Disposal Facility.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Public Safety Communications
Requesting Department: DPW/Administration
Prepared By/Phone Ext: David Henke/3248
Department Head Signature: [signature]
Account No: ST27013000

A) **Department Priority** ____ of ____ **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 6

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 ☑ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

The City of Milwaukee designs, installs, and manages its own "wide area 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'. DPW 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 their "Gigaman" circuits depending on distance. Based on this the value of the 'gigabit' circuits we provide is about $450,000 per month. DPW also provides other types of communication circuits for the phone system, the Police radio system, SCADA systems and other systems. Public Safety Communications 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 WISCNET/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 2013-2018 Public Safety Communications Program will continue the extension of the optical network to the Housing Authority and Libraries and other public institutions. Remaining buildings and network redundancies for critical facilities will be programmed within this schedule.

BMD-1

Capital Improvement Request Part II

Requesting Department: DPW/Administration

Project/Program Title: Public Safety Communications **Account No:** ST27013000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$625,000					$625,000
2014 Projection	$625,000					$625,000
2015 Projection	$625,000					$625,000
2016 Projection	$625,000					$625,000
2017 Projection	$625,000					$625,000
2018 Projection	$625,000					$625,000
Total Six Year Cost	$3,750,000	$0	$0	$0	$0	$3,750,000
Total Project Cost	$3,750,000	$0	$0	$0	$0	$3,750,000
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: _____

Estimated Completion Date: _____

Department Head Signature Glenn Kuhn

Prepared By/Phone Ext David Henke/3248

CIC - Capital Improvement Request Part III

Department:	DPW/Administration	Date Submitted:	3/13/2012
Project/Program:	Public Safety Communications		
Prepared By:	David Henke	Current Request:	$625,000
Dept Head:	Ghassan A. Korban	6 Yr Total:	$3,750,000

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 uniterrupted 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 opertating costs, and provides additional capacity to serve high-bandwidth applications. Deployment of City communications cabling is dependant on the availibility of underground conduit to route and protect cables.

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

Project/Program: Public Safety Communications

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 the Milwaukee Public Museum 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.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Public Safety Communications **Requesting Department:** DPW/Administration

Prepared By/Phone Ext: David Henke/3248 **Department Head Signature:** [signature]

Account No: ST27013000

A) **Department Priority** ____ of ____ **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 6

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

Position Title	No. of Positions	FTEs	Salaries
			$
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

Avaya has announced that the Ethernet Routing Switch 8630GBR, 8648GTR, 8683XLR and 8683XZR Modules will be set for end of services support (ESS) in June, 2016. At that time, the above products will be listed as End of Serivces Support (ESS). Repair services, technical support, emergency recovery and design maintenance will no longer be available for these products after the June 30, 2016 ESS date.

G) **Additional Comments**

Due to the length of time before replacement, an exact replacement design and schedule have yet to be set. The current budgetary number is based on the cost of the previous upgrade in 2008 and is subject to change as more information regarding current technologies in 2015 becomes available.

BMD-1

Capital Improvement Request Part II

Requesting Department: DPW/Administration

Project/Program Title: Public Safety Communications **Account No:** ST27013000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection						$0
2015 Projection	$1,100,000					$1,100,000
2016 Projection						$0
2017 Projection						$0
2018 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)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: TBD

Estimated Completion Date: TBD

Department Head Signature Glenn Kuhn

Prepared By/Phone Ext David Henke/3248

CIC - Capital Improvement Request Part III

Department:	DPW/Administration	Date Submitted:	3/13/2012
Project/Program:	Public Safety Communications		
Prepared By:	David Henke	Current Request:	$0
Dept Head:	Ghassan A. Korban	6 Yr Total:	$1,100,000

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 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 Commuity Safety Wide-Area Network was last upgraded in 2008. Annual maintenace will not changes substainally 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: Public Safety Communications

*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*
				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.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Environmental Services Facility Modifications

Requesting Department: DPW - Operations

Prepared By/Phone Ext: Paul Klajbor x3271

Department Head Signature: [signature]

unt No: BU11091100

A) **Department Priority** 1 of 3 **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 ☑ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

The Environmental Services' facilities are in need of various repairs due to deferred building maintenance. In 2013, the request is for $1,009,000 to repair the Mt. Vernon facility. This facility needs the following: Roof repairs ($564,000 estimate), parking lot overlay and repairs ($220,000 estimate) and trench gates ($225,000 estimate). There is an additional need for $510,000 (estimate) at Mt. Vernon for repairs tothe dry fire suppression system and mechanical systems. Additional Sanitation facilites need repairs as follows: North 14th Street ($180,000 estimate); South 6th Street ($1,000,000 estimate). The other facilities need additional work.

G) **Additional Comments**

The out year requests are place holders for facility improvements at various Environmental Services' district yards.

BM 00

Capital Improvement Request Part II

Requesting Department: DPW Operations

Project/Program Title: Environmental Services Facility Modifications **Account No:** BU11091100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$937,355					$937,355
2013 Budget Request	$1,009,000					$1,009,000
2014 Projection	$750,000					$750,000
2015 Projection	$750,000					$750,000
2016 Projection	$750,000					$750,000
2017 Projection	$750,000					$750,000
2018 Projection	$750,000					$750,000
Total Six Year Cost	$4,759,000	$0	$0	$0	$0	$4,759,000
Total Project Cost	$5,696,355	$0	$0	$0	$0	$5,696,355
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: On-going

Estimated Completion Date: On-going

Department Head Signature [signature]

Prepared By/Phone Ext Paul Klajbor x3271

CIC - Capital Improvement Request Part III

Department:	DPW Operations	Date Submitted:	
Project/Program:	Environmental Services Facility Modifications		
Prepared By:	Paul Klajbor	Current Request:	$1,009,000
Dept Head:	Ghassan Korban	6 Yr Total:	$4,759,000

General Project/Program Description:

The Environmental Services' facilities are in need of various repairs due to deferred building maintenance. In 2013, the request is for $1,009,000 to repair the Mt. Vernon facility. This facility needs the following: Roof repairs ($564,000 estimate), parking lot overlay and repairs ($220,000 estimate) and trench gates ($225,000 estimate). There is an additional need for $510,000 (estimate) at Mt. Vernon for repairs tothe dry fire suppression system and mechanical systems. Additional Sanitation facilites need repairs as follows: North 14th Street ($180,000 estimate); South 6th Street ($1,000,000 estimate). The other facilities need additional work.

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:

These buildings are in dire need of improvements, including HVAC and roof repairs.

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 account is for on-going repairs to Environmental Services facilities. In 2013, the estimates are for repairs to the Mt. Vernon facility. At this site, the predominant problems are the leaking roof and parking lot. In the case of the roof, the new roof will make the facility more energy efficient.

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

Project/Program: Environmental Services Facility Modifications

*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 only an improvement of an existing building, 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:

This facility is in bad need of repairs and this will extend the useful life of the facility. Out years funding for other ES buildings will also impact productivity, efficieny and maintenance 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:

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.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Industrial Road Facility Relocation **Requesting Department:** DPW - Operations - Sanitation

Prepared By/Phone Ext: Paul Klajbor x 3271 **Department Head Signature:** [signature]

Account No:

A) **Department Priority** 3 of 3 **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 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 ☑ 2011-2016 ☑ 2012-2017 ☐ 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 excercise 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 2013 request for site acquistion, planning and design and approciamtely $5.1 million in 2014 for construction of a new facility.

G) **Additional Comments**

BM 00

Capital Improvement Request Part II

Requesting Department: DPW - Operations - Sanitation

Project/Program Title: Industrial Road Facility Relocation **Account No:** None allocated

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$1,700,000					$1,700,000
2014 Projection	$5,100,000					$5,100,000
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$6,800,000	$0	$0	$0	$0	$6,800,000
Total Project Cost	$6,800,000	$0	$0	$0	$0	$6,800,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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 _____

CIC - Capital Improvement Request Part III

Department:	Department of Public Works - Operations Division - Sanitation	Date Submitted:	
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 excercise 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 2013 request for site acquistion, planning and design and approciamtely $5.1 million in 2014 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.

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:

Until more details are known, it is impossible to determine.

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:

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.

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:

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.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Central Repair Garage Back Lot **Requesting Department:** DPW - Operations - Fleet

Prepared By/Phone Ext: Paul Klajbor x3271 **Department Head Signature:**

Account No:

A) **Department Priority** 2 of 2 **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 _____

D) **Total Positions** _____ **Total FTEs** _____

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

_____ _____ _____ $ _____

_____ _____ _____ $ _____

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

This project involves the repaving of the back lot at the Central Repair Garage. This area floods when it rains. The flooding then overflows onto the Hank Aaron Trail and into the Menomonee River. This has caused an environmental hazard as the overflow has various oils and fuel remnants in mixed in from the vehicles parked on the lot.

G) **Additional Comments**

The quote of $573,000 was derived from the Facilities Development and Management Section.

BMD

Capital Improvement Request Part II

Requesting Department: DPW - Operations - Fleet

Project/Program Title: Central Repair Garage Back Lot **Account No:** None allocated

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$573,000					$573,000
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$573,000	$0	$0	$0	$0	$573,000
Total Project Cost	$573,000	$0	$0	$0	$0	$573,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: Spring 2013

Estimated Completion Date: Fall 2013

Department Head Signature Glenn Kuhn

Prepared By/Phone Ext Paul Klajbor x3271

CIC - Capital Improvement Request Part III

Department:	DPW - Operations Division - Fleet	Date Submitted:	
Project/Program:	Central Repair Garage Back Lot		
Prepared By:	Paul Klajbor	Current Request:	$573,000
Dept Head:	Ghassan Korban	6 Yr Total:	$573,000

General Project/Program Description:

This project involves the repaving of the back lot at the Central Repair Garage. This area floods when it rains. The flooding then overflows onto the Hank Aaron Trail and into the Menomonee River. This has caused an environmental hazard as the overflow has various oils and fuel remnants in mixed in from the vehicles parked on the lot.

*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 repaving of the lot would allow for environmental remediation of flooding as well as reduce overflow into the Menomonee River.

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:

At this time, there is no court ordered mandate, but the flooding into the Menomonee River does create a regulatory compliance issue.

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:

In the past, when flooding has occurred, if there is overflow into the river, it needs to be remedied as quickly as possible. There are costs associated with the remediation. By correcting the problem, this would reduce the operational costs.

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

Project/Program: Central Repair Garage Back Lot

*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 repairs a current City facility. There is no impact on the Area Plan.

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 will extend the useful life of the current Fleet 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:

No impact on these areas.

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.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Concealed Irrigation/General Landscaping **Requesting Department:** DPW Operations - Env. Services - Forestry

Prepared By/Phone Ext: David Sivyer x 3729 **Department Head Signature:** [signature]

Account No: PR581080300

A) **Department Priority** 2 of 4 **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 Tied Directly to City's 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** 8 **Total FTEs** 3.5

Position Title	No. of Positions	FTEs	Salaries	
Irrigation Professionals	3	2.0	$	239,000
Urban Forestry Specialists	2	1.0	$	87,794
Urban Forestry Manager	3	1.0	$	149,961

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

This program replaces deep tap irrigation infrastructure on landscaped boulevard medians in conjunction with the City's Paving Program, and deep tap infrastructure based on age and condition. The request provides for deep tap updates at 100 locations, including 21 taps along 4 boulevard segments scheduled for repaving in 2012 and 79 taps at various locations city-wide based on age and condition. The request also includes $30,000 to reconstruct 5 of 10 new signature beds potentially impacted by state funded paving projects.

G) **Additional Comments**

BMD J

Capital Improvement Request Part II

Requesting Department: DPW Operations - Env. Services - Forestry

Project/Program Title: Concealed Irrigation and General Landscaping **Account No:** PR581080300

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$606,765					$606,765
2014 Projection	$650,000					$650,000
2015 Projection	$650,000					$650,000
2016 Projection	$650,000					$650,000
2017 Projection	$650,000					$650,000
2018 Projection	$650,000					$650,000
Total Six Year Cost	$3,856,765	$0	$0	$0	$0	$3,856,765
Total Project Cost	$3,856,765	$0	$0	$0	$0	$3,856,765

Life to Date Expenditures (Project Only)							$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 03/01/13

Estimated Completion Date: 12/01/13

Department Head Signature Glenn 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:	
Project/Program:	Concealed Irrigation/General Landscaping		
Prepared By:	Paul Klajbor	Current Request:	$606,765
Dept Head:	Ghassan Korban	6 Yr Total:	$3,856,765

General Project/Program Description:

This program replaces deep tap irrigation infrastructure on landscaped boulevard medians in conjunction with the City's Paving Program, and deep tap infrastructure based on age and condition. The request provides for deep tap updates at 100 locations, including 21 taps along 4 boulevard segments scheduled for repaving in 2012 and 79 taps at various locations city-wide based on age and condition. The request also includes $30,000 to reconstruct 5 of 10 new signature beds potentially impacted by state funded paving 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:

There is no health or safety risk associated.

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:

Boulevard irrigation water tapsdamaged by paving construction must be restored to current Wisconsin State Plumbing Codes.

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:

There are efficiencies and general cost savings associated with installing the irrigation systemts in boulevards in conjunction with the City's Paving Program.

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

Project/Program: Concealed Irrigation/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 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 repair / replacement of concealed irrigation systems, as well as the general landscaping of the boulevards is in conjunction with the City's Paving Program is in keeping with the Sustainable Boulevards plan approved by the Common Council.

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:

There is no facility effected. The irrigation infrastructure (deep water taps) in the boulevards are replaced as the streets are repaved. Maintaining a functional and modern irrigation system is critical to the health and survival of a multi-million dollar inventory of trees, shrubs and flowers (perennials and annuals) planted on 120 miles of boulevards.

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:

Well maintained landscaped boulevards invite and support commercial development and healthy neighborhoods.

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 work on the boulevards in this project is in direct relation to the City's Paving Program. The timing and schedule is dictated by the Paving Program.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Tree Planting and Production

Requesting Department: DPW-Operations - Env. Services - Forestry

Prepared By/Phone Ext: David Sivyer x3729

Department Head Signature:

Account No: PR58180100

A) **Department Priority** 1 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

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** 38 **Total FTEs** 15.5

Position Title	No. of Positions	FTEs	Salaries	
Urban Forestry Staff	30	11.2	$	844,393
Urban forestry Technician	1	1.0	$	112,314
Nursery Staff	7	3.3	$	281,284

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

This request for 3,704 trees includes the replacement of 506 street trees removed in street construction projects completed in 2011; and replacement of 3,108 diseased or dead street trees removed in 2011. 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**

Year 2014-2015 projections include $657.000 annually for the Purchase AND Planting of an additional 1,650 shade trees to support the replacement of 5% of the City's 33,000 ash street trees (1,650 trees) annually with EAB resistant species (need presumes pre-emptive removal of 1,650 ash street trees in 2013 and 2014). Year 2016-2018 projections include funding for labor to plant an additional 1,650 trees grown at the city nursery to replace ash street trees removed.

BMD J

Capital Improvement Request Part II

Requesting Department: DPW-Operations - Env. Services - Forestry

Project/Program Title: Tree Planting and Production **Account No:** PR58180100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$1,520,000					$1,520,000
2014 Projection	$2,200,000					$2,200,000
2015 Projection	$2,200,000					$2,200,000
2016 Projection	$1,911,000					$1,911,000
2017 Projection	$1,911,000					$1,911,000
2018 Projection	$1,911,000					$1,911,000
Total Six Year Cost	$11,653,000	$0	$0	$0	$0	$11,653,000
Total Project Cost	$11,653,000	$0	$0	$0	$0	$11,653,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 03/01/13

Estimated Completion Date: 12/01/13

Department Head Signature Glenn 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:	
Project/Program:	Tree Planting and Production		
Prepared By:	Paul Klajbor	Current Request:	$1,520,000
Dept Head:	Ghassan Korban	6 Yr Total:	$11,653,000

General Project/Program Description:

This request for 3,704 trees includes the replacement of street trees removed in street construction projects completed in 2011; replacement of diseased or dead street trees removed in 2011. The Environmental Services section of the Operation's Division has identified a 98% street tree stocking goal and improved 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.

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:

There is no health or safety risk associated.

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 soutce 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 in amount	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 municipalities	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:

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 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:

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 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:

Program replaces street trees (infrastructure) that has exceeded its useful life. Long-term maintenance costs exceeed replacement cost but are lower than quantative 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 2011. Emerald ash borer threatens 33,000 ash street trees that will ultimately need to be replaced.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Stump Removal

Requesting Department: DPW Operations - Env. Servces - Forestry

Prepared By/Phone Ext: David Sivyer X 3729

Department Head Signature: [signature]

Account No: PR58180700

A)

Department Priority 4 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 _____ **Total FTEs** _____

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

_____ _____ _____ $ _____

_____ _____ _____ $ _____

E)

In Six Year Capital Improvement Plan

Yes ☑ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☐ New Request

F)

Project/Program Justification

The Forestry Division projects a backlog of 1,800 stumps for 2013 generated from the removal of dead and hazardous street trees in 2012, as a result of vacancies in Urban Forestry Specialist and Urban Forestry Crew Leader positions. The stumps represent a potential tripping hazard for the public, are unattractive and preclude the Forestry section from meeting a long-standing goal of replacing street trees witihn one year of removal. Requested funding provides for the removal of approximately 1,800 stumps based on actual contract stump removal pricing in 2011. Approximately 1,800 street trees proposed for planting in 2014 would be at risk if the backlog of stumps are not eliminated.

G)

Additional Comments

BMD-[illegible]

Capital Improvement Request Part II

Requesting Department: DPW Operations - Env. Servces - Forestry

Project/Program Title: Stump Removal **Account No:** PR58180700

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$405,000					$405,000
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$405,000	$0	$0	$0	$0	$405,000
Total Project Cost	$405,000	$0	$0	$0	$0	$405,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: March 1 2013

Estimated Completion Date: 11/30/13

Department Head Signature [signature]

Prepared By/Phone Ext David B Sivyer x 3729

CIC - Capital Improvement Request Part III

Department:	Department of Public Works - Operations - Forestry	Date Submitted:	
Project/Program:	Stump Removal		
Prepared By:	Paul Klajbor	Current Request:	$405,000
Dept Head:	Ghassan Korban	6 Yr Total:	$405,000

General Project/Program Description:

The Forestry Division projects a backlog of 1,800 stumps for 2013 generated from the removal of dead and hazardous street trees in 2012, as a result of vacancies in Urban Forestry Specialist and Urban Forestry Crew Leader positions. The stumps represent a potential tripping hazard for the public, are unattractive and preclude the Forestry section from meeting a long-standing goal of replacing street trees witihn one year of removal. Requested funding provides for the removal of approximately 1,800 stumps based on actual contract stump removal pricing in 2011. Approximately 1,800 street trees proposed for planting in 2014 would be at risk if the backlog of stumps are not eliminated.

*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 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:

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 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 removal of tress stumps is site preparation for planting a new tree. Additionally, there are numerous complaints on stumps that have not yet been removed.

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:

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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Emerald Ash Borer Readiness and Response

Requesting Department: DPW Operations - Env. Services - Forestry

Prepared By/Phone Ext: David Sivyer X 3729

Department Head Signature: [signature]

count No: PR58180600

A) **Department Priority** 3 of 4 **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 — Prevents increase in stormwater runoff & energy use and decrease in property values and air quality

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
Urban Forestry Specialists	12	4.0	$ 351,245
Urban Forestry Manager	3	1.0	$ 149,961
			$

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

Milwaukee's 193,000 street trees constitute a $280 million capital asset. Emerald Ash Borer has been confirmed in Milwaukee County and is responsible for killing over 60 million ash trees in the Midwest. Risk assessment work completd 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 inject 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.

G) **Additional Comments**

The cost to remove and replace the city's 33,000 ash street trees approximates $25 million. In the absence of treatment, an estimated 3,600 ash street trees will be killed annually by EAB. The removal and replacement costs for 3,600 trees anually would approximate $2.7 million.

BMD-[illegible]

Capital Improvement Request Part II

Requesting Department: DPW Operations - Env. Services - Forestry

Project/Program Title: Emerald Ash Borer Readiness and Response **Account No:** PR58180600

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$952,000					$952,000
2014 Projection	$952,000					$952,000
2015 Projection	$952,000					$952,000
2016 Projection	$952,000					$952,000
2017 Projection	$952,000					$952,000
2018 Projection	$952,000					$952,000
Total Six Year Cost	$5,712,000	$0	$0	$0	$0	$5,712,000
Total Project Cost	$5,712,000	$0	$0	$0	$0	$5,712,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 05/01/13

Estimated Completion Date: 09/30/13

Department Head Signature Glenn 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:	
Project/Program:	Emerald Ash Borer Readiness and Response		
Prepared By:	Paul Klajbor	Current Request:	$952,000
Dept Head:	Ghassan Korban	6 Yr Total:	$5,712,000

General Project/Program Description:

Milwaukee's 193,000 street trees constitute a $280 million capital asset. Emerald Ash Borer has been confirmed in Milwaukee County and is responsible for killing over 60 million ash trees in the Midwest. Risk assessment work completd 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 inject 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.

*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:

Milwaukee's 193,000 street trees constitute a $280 million capital asset. Emerald Ash Borer has been confirmed in Milwaukee County and is responsible for killing over 50 million ash trees in the Midwest. Risk assessment work completd 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.

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 has a statutory duty to maintain a street tree population that is safe for public use and enjoyment.

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:

The cost to remove and replace the city's 33,000 ash street trees approximates $25 million. In the absence of treatment, an estimated 3,600 ash street trees will be killed annually by EAB. The removal and replacement costs for 3,600 trees anually would approximate $2.7 million.

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

Project/Program: Emerald Ash Borer Readiness and 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 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 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 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:

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 $30.00 per tree/year, the injection program extends the life of a protected tree and avoids the expense of removal and replacement ($750.00/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 myraid 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 approximates $25 million. In the absence of treatment, an estimated 3,600 ash street trees will be killed annually by EAB. The removal and replacement costs for 3,600 trees anually would approximate $2.7 million.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Fleet - Major Capital Equipment **Requesting Department:** DPW - Operations - Fleet

Prepared By/Phone Ext: Jeff Tews x2459 **Department Head Signature:**

Account No: BU110121000

A) **Department Priority** 1 of 2 **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 ☑ 2011-2016 ☑ 2012-2017 ☐ 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**

BMD-...J

Capital Improvement Request Part II

Requesting Department: DPW - Operations - Fleet

Project/Program Title: Fleet - Major Capital Equipment **Account No:** BU110121000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$12,580,000					$12,580,000
2014 Projection	$13,206,950					$13,206,950
2015 Projection	$14,108,540					$14,108,540
2016 Projection	$13,776,150					$13,776,150
2017 Projection	$13,776,150					$13,776,150
2018 Projection	$13,776,150					$13,776,150
Total Six Year Cost	$81,223,940	$0	$0	$0	$0	$81,223,940
Total Project Cost	$81,223,940	$0	$0	$0	$0	$81,223,940
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: On-going

Estimated Completion Date: On-going

Department Head Signature [signature]

Prepared By/Phone Ext Jeff Tews x2459

CIC - Capital Improvement Request Part III

Department:	DPW - Operations - Fleet	Date Submitted:	
Project/Program:	Fleet - Major Capital Equipment		
Prepared By:	Paul Klajbor x3271	Current Request:	$12,580,000
Dept Head:	Ghassan Korban	6 Yr Total:	$81,223,940

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.

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:

n 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	2	110,000	220,000
Sweeper	4	175,000	700,000
Tractor Light, Multi-Purpose	6	105,000	630,000
Tractor, Front-End Wheel Loader	4	140,000	560,000
Tractor, Trencher w/Breaker, Trailer	1	55,000	55,000
Truck, Aerial, 30 Ft. Cargo Van Body	1	120,000	120,000
Truck, Aerial, 36 Ft. Step Van Body	1	165,000	165,000
Truck, Aerial, 50 Ft., Chip Box	1	185,000	185,000
Truck, Digger-Derrick	1	220,000	220,000
Truck, Dump, 16 Yard Tri-Axle	5	148,000	740,000
Truck, Dump, 2 Yard w/Compressor	1	120,000	120,000
Truck, Dump, 5 Yard, Chip Body	3	160,000	480,000
Truck, Dump, 5 Yard w/Underbody Plow	8	160,000	1,280,000
Truck, Dump, 5 Yard, Crew Cab	2	105,000	210,000
Truck, Log Loader	1	170,000	170,000
Truck, Packer, 25 Yard Rearload/Recycle	17	285,000	4,845,000
Truck, Packer, 31 Yard Top Load	1	260,000	260,000
Truck, Platform/Compressor/Salter/Plow	3	80,000	240,000
Truck, Platform Stake, Large	1	90,000	90,000
Truck, Roll-Off	2	165,000	330,000
Truck, Road Patcher	1	230,000	230,000
Truck, Step Van	4	120,000	480,000
Truck, Wrecker, Heavy Equipment	1	250,000	250,000
Capital Total: 11.7% Age Reduction 2013			**12,580,000**

The **Capital Total - 11.7% Age Reduction** figure above reflects the amount needed to reduce the average age of the Fleet capital equipment from 11.8 years to 10.4 years. This amount will more rapidly reduce the average age of capital vehicles toward a more manageable optimal age. Newer vehicles do not require as much repair and maintenance, reducing downtime, which positively affects the

Optimal average age expected using desired replacement schedule - **6.0** years
Current average age of capital equipment - **11.8 years**.
Estimated average age of capital equipment based on above funding level - **10.4**

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Routing Software **Requesting Department:** DPW-Operations-Sanitation

Prepared By/Phone Ext: Paul Klajbor x3271 **Department Head Signature:** [signature]

Account No: None allocated

A) **Department Priority** 2 of 3 **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 ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F) **Project/Program Justification**

Routing software would help redesign garbage and recycling routes to presumably increase productivity on the routes. Additionally, we anticipate fuel usage would be reduced as the routes become more efficient. Routing software could then be rolled out to numerous DPW activities, increasing productivity.

G) **Additional Comments**

This dollar amount is a placeholder amount. We have received price estimates from several vendors and are working with ITMD to determine the costs associated with creating GIS data for alleys.

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Capital Improvement Request Part II

Requesting Department: DPW-Operations-Sanitation

Project/Program Title: Routing Software **Account No:** None allocated

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$1,000,000					$1,000,000
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$1,000,000	$0	$0	$0	$0	$1,000,000
Total Project Cost	$1,000,000	$0	$0	$0	$0	$1,000,000

Life to Date Expenditures (Project Only)							$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 2013, once funding allocated

Estimated Completion Date: Unknow, within a year

Department Head Signature Glenn Kuhn

Prepared By/Phone Ext Paul Klajbor x3271

CIC - Capital Improvement Request Part III

Department:	Department of Public Works - Operations Division - Sanitation	Date Submitted:	
Project/Program:	Routing Software		
Prepared By:	Paul Klajbor	Current Request:	$1,000,000
Dept Head:	Ghassan Korban	6 Yr Total:	$1,000,000

General Project/Program Description:

Routing software would help redesign garbage and recycling routes to presumably increase productivity on the routes. Additionally, we anticipate fuel usage would be reduced as the routes become more efficient. Routing software could then be rolled out to numerous DPW activities, increasing productivity.

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			Unknown	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			Unknown	Will the project lead to a **reduction in operating costs**?
X				Will the project lead to **increased productivity or service improvements?**
X			Annual fees	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:

Routing software would help redesign garbage and recycling routes to presumably increase productivity on the routes. Additionally, we anticipate fuel usage would be reduced as the routes become more efficient. Routing software could then be rolled out to numerous DPW activities, increasing productivity. However, exact costs and benefits have not been defined yet as a vendor has not been selected and routes not created.

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

Project/Program: Routing 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:

Fleet software does not fit this category.

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:

Fleet software does not fit this category.

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:

Fleet software does not fit this category.

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:

As Sanitation begins using automated loading garbage trucks, there is a need to place these trucks on the routes where they are most effective. This would best be done using routing software.

REQUESTED BUDGET SUMMARY
YEAR 2013 CAPITAL IMPROVEMENTS PROGRAM
DPW-Infrastructure Div./Facilities Dev.& Mgmt.Section

	Program Description		Budget
1. Environmental Program			**$200,000**
A.	Asbestos Abatement-Hazardous Waste	$50,000	
B.	Soil & Groundwater Remediation	$50,000	
C.	Leak Detection System upgrades	$50,000	
D.	Fuel Dispenser Replacements	$50,000	
2. ADA Compliance Program			**$320,000**
A.	Zeidler Municipal Building - 4th Floor Toilet Rooms	$150,000	
B.	26th and Medford -	$95,000	
C.	Long Island Drive	$75,000	
3. Facilities Exterior Program			**$1,651,000**
A.	Safety Academy Stained Glass Façade	$175,000	
B.	EPDM Roof Replacements	$603,000	
C.	Asphalt Pavement Repais and Seal Coating	$101,000	
D.	Overhead Door Replacement	$150,000	
E.	Fencing and Gate Repairs	$37,000	
F.	Pavement Replacement (Concrete and Asphalt)	$107,000	
G.	Windows and Siding	$278,000	
F.	Various Sites-Emergency Repairs	$200,000	
4. City Hall Complex Remodeling Program			**$200,000**
A.	City Hall Complex Carpet Replacement-Various Locations	$40,000	
B.	City Hall Complex Various Office Remodeling	$60,000	
C.	ZMB Basement Shower and Locker Room Remodel	$100,000	
5. Outlying Facilities Program			**$1,450,000**
A.	Lincoln Garage - CNG Service Center	$900,000	
B.	Northwest Garage 4-bay Vehicle Repair Area (Matching funds)	$500,000	
C.	Recreational Facilities - Various Sites Non Programmed	$50,000	
6. Facilities Systems Program			**$2,532,000**
A.	City Hall Complex - Annual Electrical Switchgear Testing and Repair	$35,000	
B.	City Hall - Electrical Distribution and Code Compliance	$200,000	
C.	Building Automation Systems	$244,000	
D.	Generators	$378,000	
E.	Safety Academy Data Room Cooling Unit	$50,000	
F.	Lincoln Garage - Electrical Upgrades	$533,000	
G.	Lincoln Garage - HVAC Upgrades	$566,000	
H.	Forestry South HQ - Fire Alarm System	$26,000	
I.	Various Sites - CCTV and Access Control Upgrades	$100,000	
J.	Various Sites - Emergency Mechanical Repairs	$200,000	
K.	Various Sites - Emergency Electrical Repairs	$200,000	
8. Space Planning Alterations and Engineering			**$205,000**
A.	Space Planning	$15,000	
B.	General Office Remodeling	$40,000	
C.	General Engineering & Facilities Inspection	$150,000	
Facilities Development and Management - Sub-Total Capital Program			**$6,558,000**
	Special Project Description		
SP-1.	**City Hall Foundation**		**$0**
SP-2.	**Information Technology Equipment Room - (ON HOLD)**		**$0**
SP-3.	**Facility Condition Assessment Program - All City Buildings - Phase I**		**$140,000**
SP-4.	**Energy Efficiency and Renewable Energy**		**$150,000**
SP-5.	**Building Exterior Façade Restoration**		**$0**
SP-6.	**MacArthur Sq. Plaza Remediation**		**$0**
SP-7	**Municipal Service Building Relocation**		**$250,000**
SP-8	**Hartung Landfill Closure**		**$0**
SP-9	**Facilities Consolidation**		**$60,000**
FDM Special Projects Sub Total			**$600,000**
Facilities Development & Management TOTAL			**$7,158,000**

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: City Hall Complex Remodeling Program

Requesting Department: DPW/Infrastructure: Facilities Development & Management

Prepared By/Phone Ext: Facilities Development & Mgmt. Ext. 3402

Department Head Signature: [signature]

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 **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** 0.21

Position Title	No. of Positions	FTEs	Salaries
Professional/Inspection	2	0.21	$ 15,100
			$
			$

E)

In Six Year Capital Improvement Plan

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ 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 the new State of Wisconsin energy (lighting, mechanical equipment/controls), and safety (sprinkler and life/safety) building code requirements and the environment concerns such as asbestos identified floor fill material. 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 suspended since 2007 and in consideration of the current funding situation we will suspend it for an additonal year. Note that this delays planned remodeling projects such as the Mayor's office which hasn't been remodeled in over 30 years, as well as the City Clerk's office. The Department of City Development's office on the 2nd and 3rd floors and DOA-Information Technology and Management offices on the 4th floor of the 809 Building are also in need of remodeling, these offices haven't been remodeled since their occupany 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.

BMD J

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development & Mgmt

Project/Program Title: City Hall Complex Remodeling Program **Account No:** BU11083900

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$200,000					$200,000
2014 Projection	$250,000					$250,000
2015 Projection	$250,000					$250,000
2016 Projection	$250,000					$250,000
2017 Projection	$250,000					$250,000
2018 Projection	$250,000					$250,000
Total Six Year Cost	$1,450,000	$0	$0	$0	$0	$1,450,000
Total Project Cost	$1,450,000	$0	$0	$0	$0	$1,450,000
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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 Ghassan Khalaf

Prepared By/Phone Ext Facilities Development & Mgmt Ext. 3402

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure: Facilities Development and Management	Date Submitted:	
Project/Program:	City Hall Complex Remodeling		
Prepared By:	Facilities Development and Management	Current Request:	$200,000
Dept Head:	Ghassan Korban	6 Yr Total:	$1,450,000

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 **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 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:

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

Project/Program: City Hall Complex Remodeling

*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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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 or does it target one demographic?
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:

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
x				How does the request effect 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? (See Below)
x				Have you documented costs 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:

Life cycle replacements always incorporate the newest technology and take into account the operational changes that have occurred since the equipment was installed.

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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Space Planning, Alterations & Engineering **Requesting Department:** DPW/Infrastructure: Facilities Development and Management

Prepared By/Phone Ext: Facilities Development & Management **Department Head Signature:** [signature]

Account No: BU110010800

A) **Department Priority** 7 of 7 **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** 2.72

Position Title	No. of Positions	FTEs	Salaries	
Professional/Inspection	2	2.42	$	174,100
Construction Trades	2	0.3	$	15,195
			$	

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ 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**

Space Planning	$ 15,000
General Office Remodeling	$ 40,000
General Engineering & Facilities Inspection	$150,000
Total	**$205,000**

BMD-...J

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Project/Program Title: Space Planning, Alterations & Engineering **Account No:** BU110010800

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$205,000					$205,000
2014 Projection	$172,000					$172,000
2015 Projection	$178,000					$178,000
2016 Projection	$184,000					$184,000
2017 Projection	$190,000					$190,000
2018 Projection	$196,000					$196,000
Total Six Year Cost	$1,125,000	$0	$0	$0	$0	$1,125,000
Total Project Cost	$1,125,000	$0	$0	$0	$0	$1,125,000
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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 Glenn Kuhn

Prepared By/Phone Ext Facilities Development and Management/Ext.3402

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure: Facilities Development and Management	Date Submitted:	
Project/Program:	Space Planning, Alterations and Engineering		
Prepared By:	Facilities Development and Management	Current Request:	$205,000
Dept Head:	Ghassan Korban	6 Yr Total:	$1,125,000

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 **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 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:

Unknown projects and estimates therefore unknown benefits or risks. FDM always updates, equipment when necessary for a remodeling with more efficient equipment and systems.

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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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 or does it target one demographic?
		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:				
Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
		x		How does the request effect 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? (See Below)
		x		Have you documented costs 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:

These projects generally occur due to operational needs of City Departments that require action to be taken ASAP.

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.

Buildings and Fleet Services 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 2012:

City Hall Complex - Annual Electrical Switchgear Testing and Repair **$35,000**

Maintain and repair electrical systems on a regular schedule so that shutdowns are scheduled not emergencies.

City Hall - Electrical Distribution and Code Compliance **$200,000**

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 4th floor for Phase 2 is being completed in 2010 transformers in rooms on the 4th and 7th floors of City Hall will require structural reinforcement.

Building Automation Systems **$244,000**

Provide new digital control systems to better control the systems at the 123 Building, Forestry South HQ, and Lincoln Garage.

Generators **$378,000**

Provide emergency generators to maintain City service at the Robert Anderson Building and the 123 Building.

Safety Academy – Data Room cooling unit **$50,000**

The data room is currently cooled by a system serving the general spaces at the Safety Academy and it does not address the unique cooling loads of this room.

Lincoln Garage – Electrical Upgrades **$533,000**

Secondary distribution and branch circuit Upgrades

Lincoln Garage – HVAC Upgrades **$566,000**

Replace Air Filtering, Make-up Air Handling, and Heating Units

Forestry South HQ – Fire Alarm System **$26,000**

Various Sites – CCTV and Access Control Upgrades **$100,000**

Replace existing obsolete analog equipment with new digital technology

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 **$2,532,000**

BMD-100

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 Deveopment & Mgmt/Ext 3402

Department Head Signature: [signature]

Account No: BU11091200

A) **Department Priority** 6 of 7 **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** 4 **Total FTEs** 2.15

Position Title	No. of Positions	FTEs	Salaries	
Professional/Inspection	2	1.15	$	81,950
Trades	2	1.0	$	59,270
			$	

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ 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 FCIS (Facilities Condition Information System) Program for installing new equipment or replacing existing equipment necessary for the proper up to date operation of various building systems. Facility system 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.

BMD- J

Capital Improvement Request Part II

Requesting Department: DPW/ Infrastructure: Facilities Development & Management

Project/Program Title: Facilities System Program **Account No:** BU11091200

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$2,532,000					$2,532,000
2014 Projection	$1,200,000					$1,200,000
2015 Projection	$1,200,000					$1,200,000
2016 Projection	$1,600,000					$1,600,000
2017 Projection	$1,600,000					$1,600,000
2018 Projection	$2,000,000					$2,000,000
Total Six Year Cost	$10,132,000	$0	$0	$0	$0	$10,132,000
Total Project Cost	$10,132,000	$0	$0	$0	$0	$10,132,000
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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 Glenn Kuhn

Prepared By/Phone Ext Facilities Development and Management/ Ext. 3402

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure: Facilities Development and Mangement	Date Submitted:	
Project/Program:	Facilities Systems Program		
Prepared By:	Facilities Development and Management	Current Request:	$2,532,000
Dept Head:	Ghassan Korban	6 Yr Total:	$10,132,000

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 **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			Reduction	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:

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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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 or does it target one demographic?
	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:				

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
x				How does the request effect 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? (See Below)
x				Have you documented costs 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:

Failure of facility systems could lead to power, heating, water, security, data, and phone outages.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Environmental Program

Requesting Department: DPW/Infrastructure Facilities Deveopment and Management

Prepared By/Phone Ext: Facilities Development and Mgmt Ext 3402

Department Head Signature: Gheorghe Kuhn

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
Professional/Inspection	2	0.28	$ 20,140
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ 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 2012 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**

BMD-

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development & Management

Project/Program Title: Environmental Program **Account No:** BU11091500

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$200,000					$200,000
2014 Projection	$324,000					$324,000
2015 Projection	$329,000					$329,000
2016 Projection	$334,000					$334,000
2017 Projection	$339,000					$339,000
2018 Projection	$344,000					$344,000
Total Six Year Cost	$1,870,000	$0	$0	$0	$0	$1,870,000
Total Project Cost	$1,870,000	$0	$0	$0	$0	$1,870,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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 Glenna Kuhn

Prepared By/Phone Ext Facilities Development and Management/Ext 3402

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure: Facilities Development and Management	Date Submitted:	
Project/Program:	Enviornmental Program		
Prepared By:	Facilities Development and Management	Current Request:	$200,000
Dept Head:	Ghassan Korban	6 Yr Total:	$1,870,000

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**
				Does the project **address** a legislative, regulatory or court-ordered **mandate**?
				Does the project promote **long-term regulatory compliance**?
				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:

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 insulation.
B. Minimal
C. Job site coordination 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*
	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			A.	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		This s the project's goal.		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. This program has been used for funding of projects at Doyne Park and Hartung Quarry.

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:

Asbestos abatement is often related to replacement of equipment being replaced that is beyond its life cycle. The leak detection and fuel dispenser (see photo) systems are at their useful life. It is time to replace them before replacement

Yes	No	N/A	Amount	**Economic / Community Development**
x				**is desired**?
	x			area?
x			A.	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			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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: ADA Compliance Program
Facilities Development and Management

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Prepared By/Phone Ext: Ext 3402

Department Head Signature: [signature]

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 4 **Total FTEs** 0.9

Position Title	No. of Positions	FTEs	Salaries
Professional/Inspection	2	0.45	$ 32,000
			$
			$

E)

In Six Year Capital Improvement Plan

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F)

Project/Program Justification

This program responds to 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 this work and to evaluate/identify existing City facilities requiring ADAAG improvements as part of this program.

G)

Additional Comments

The projects for 2013 are:

ZMB - 4th Floor	$150,000
Recreational Facility Locations	
26th and Medford	$ 95,000
Long Island Drive	$ 75,000
Total	**$ 320,000**

BMD-[illegible]J

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 2012						$0
2013 Budget Request	$320,000					$320,000
2014 Projection	$190,000					$190,000
2015 Projection	$295,400					$295,400
2016 Projection	$295,400					$295,400
2017 Projection	$374,000					$374,000
2018 Projection	$250,000					$250,000
Total Six Year Cost	$1,724,800	$0	$0	$0	$0	$1,724,800
Total Project Cost	$1,724,800	$0	$0	$0	$0	$1,724,800
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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 Glenn Kuhn

Prepared By/Phone Ext Facilities Development and Management/Ext 3402

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure: Facilities Development and Management	Date Submitted:	
Project/Program:	ADA Complance Program		
Prepared By:	Facilities Development and Management	Current Request:	$320,000
Dept Head:	Ghassan Korban	6 Yr Total:	$1,724,800

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:

Reduces risks for those requiring accessibility

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 **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			For those requiring Accessibility	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			Minimal during contruction	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:

Newer equipment that is installed will be more energy efficient and slightly reduce energy costs.

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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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			Just those requiring accessibility	Does the project target the **quality of life** of all citizens or does it target one demographic?
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:

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
				How does the request effect 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? (See Below)
x				Have you documented costs 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 Department of Justice has a deadline for completion of surveys for compliance. MPS operates some of the sites.

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 2013:

Safety Academy – Stained Glass Facade **$175,000**

EPDM Roof replacements **$603,000**

EPDM roofs are needed at the 123 Building, Forestry South HQ, Robert Anderson Building, and the Southwest Shop.

Asphalt Pavement Repairs and seal coating **$101,000**

Asphalt work is needed at the 123 Building, Forestry South HQ, Robert Anderson Building, and the Southwest Shop.

Overhead Door replacements **$150,000**

Overhead doors are needed at Forestry South HQ and Lincoln Garage.

Fencing and gate repairs **$37,000**

Fencing is needed at the 123 Building and a gate opener at Sanitation Central II.

Pavement Replacement **$107,000**

Asphalt pavement need to be replaced at the Education Center and partial concrete replacement at Sanitation Central II and the Tow Lot.

Windows and Siding **$200,000**

Masonry, glass block, skylights and concrete walls need to be replaced at Forestry South HQ. Clerestroy windows need to be replaced at the Southwest Shop.

Various Site Emergency Repairs **$100,000**

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 **$1,651,000**

BMD-100

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 Management Ext. 3402
Department Head Signature: [signature]
Account No: BU11091300

A) **Department Priority** 3 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** 2 **Total FTEs** 1.15

Position Title	No. of Positions	FTEs	Salaries
Professional/Inspection	2	0.6	$ 41,000
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ 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.

BMD-__J

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development & 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 2012	$0					$0
2013 Budget Request	$1,651,000					$1,651,000
2014 Projection	$925,000					$925,000
2015 Projection	$1,200,000					$1,200,000
2016 Projection	$1,200,000					$1,200,000
2017 Projection	$1,200,000					$1,200,000
2018 Projection	$2,000,000					$2,000,000
Total Six Year Cost	$8,176,000	$0	$0	$0	$0	$8,176,000
Total Project Cost	$8,176,000	$0	$0	$0	$0	$8,176,000
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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 Glenn Kuhn

Prepared By/Phone Ext Facilities Development & Management/Ext. 3295

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure: Facilities Development and Management	Date Submitted:	
Project/Program:	Facilities Exterior Program		
Prepared By:	Facilities Development and Management	Current Request:	$1,651,000
Dept Head:	Ghassan Korban	6 Yr Total:	$8,176,000

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 **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 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:

New roofs with better insulation save energy. High speed roll up overhead doors will reduce energy and promote operational efficiency and reduce maintenance cost due to doors being damaged less.

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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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**?
			Just facility users	Does the project target the **quality of life** of all citizens or does it target one demographic?
	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:

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
x				How does the request effect 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? (See Below)
x				Have you documented costs 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:

Failure of façade or roof would cause extensive damage.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: City Hall Foundation Restoration
Facilities Developoment and Mgmt

Requesting Department: DPW/Infrastructure: Facilities Development & Management

Prepared By/Phone Ext: . Ext 3402

Department Head Signature:

ount No: BU110080800

A)

Department Priority SP-1 of SP-6 **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 2

D)

Total Positions 0 **Total FTEs** 0.0

Position Title	No. of Positions	FTEs	Salaries
			$
			$
			$

E)

In Six Year Capital Improvement Plan

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F)

Project/Program Justification

This program addresses the deteriorated condition of City Hall's foundation primarily on the north side and the hollow sidewalks on the east and west sides of the building. The program restores the pile foundation to ensure the building is structurally sound and rebuilds the hollow sidewalks to provide a safe and a water tight condition. This funding will prevent further physical deterioration of the building. Funding in 2008 was provided for the project's professional design services. Funding for construction is being requested in 2009-12.
Note: Bonding authority required for total project cost to award construction contract

G)

Additional Comments

On Hold

BMD-[illegible]J

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development & Management

Project/Program Title: City Hall Foundation & Restoration **Account No:** BU110080800

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$0					$0
2014 Projection	$0					$0
2015 Projection	$0					$0
2016 Projection	$0					$0
2017 Projection	$0					$0
2018 Projection	$0					$0
Total Six Year Cost	$0	$0	$0	$0	$0	$0
Total Project Cost	$0	$0	$0	$0	$0	$0
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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 [signature]

Prepared By/Phone Ext Facilities Development & Mgmt/Ext. 3402

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure: Facilities Development and Management	Date Submitted:	
Project/Program:	City Hall Foundation Restoration		
Prepared By:	Facilities Development & Management	Current Request:	
Dept Head:	Ghassan Korban	6 Yr Total:	

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 **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 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:

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

Project/Program: City Hall Foundation Restoration

*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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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 or does it target one demographic?
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:				

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
				How does the request effect 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? (See Below)
		x		Have you documented costs 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:				

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Outlying Facilities Program
Requesting Department: DPW/Infrastructure: Facilities Development & Management
Prepared By/Phone Ext: Facilities Development & Mgmt. Ext 3402
Department Head Signature: [signature]
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** 1 **Total FTEs** 0.61

Position Title	No. of Positions	FTEs	Salaries
Professional/Inspection	1	0.61	$ 43,500
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

This program was initiated to address the functional needs of 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**

Lincoln Garage - CNG Service Center	$900,000
NW Lincoln Garage 4-bay Vehicle Repair Area (Matching Funds)	$500,000
Recreational Facilities-Various Sites Non Programmed	$ 50,000
Total	**$1,450,000**

BMD-...J

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 2012	$0					$0
2013 Budget Request	$1,450,000					$1,450,000
2014 Projection	$500,000					$500,000
2015 Projection	$500,000					$500,000
2016 Projection	$500,000					$500,000
2017 Projection	$0					$0
2018 Projection	$500,000					$500,000
Total Six Year Cost	$3,450,000	$0	$0	$0	$0	$3,450,000
Total Project Cost	$3,450,000	$0	$0	$0	$0	$3,450,000
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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 Gheasan Ishm

Prepared By/Phone Ext Facilities Development and Management/Ext 3402

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure: Facilities Development and Mangement	Date Submitted:	
Project/Program:	Outlying Facilities Program		
Prepared By:	Facilities Development and Management	Current Request:	$1,450,000
Dept Head:	Ghassan Korban	6 Yr Total:	$3,450,000

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:

Provide Healthy environment for occupants of this facility.

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 **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 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:

New equipment will be more efficient yielding energy savings. Additionally, a better organized facility will yield operational efficiencies.

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

Project/Program: Outlying 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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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 or does it target one demographic?
	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:				

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
x				How does the request effect 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? (See Below)
x				Have you documented costs 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:				

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Facility Condition Assessment Program
Requesting Department: DPW/Infrastructure & Facilities Development and Management
Prepared By/Phone Ext: Facilities Development and Management Ext. 3402
Department Head Signature: [signature]
Account No:

A) **Department Priority** SP-3 of SP-7 **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** 2 **Total FTEs** 2.0

Position Title	No. of Positions	FTEs	Salaries
Professional/Inspection	2	2.0	$ 140,000
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

This program will provide for the inspection of 20% of facilities city wide to assess the condition of each facilities major components. This information will provide metrics to measure which facilities are most in need of repairs, replacements, and upgrades.

G) **Additional Comments**

BMD-[illegible]

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure FDM

Project/Program Title: Facility Condition Assessment Program **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$140,000					$140,000
2014 Projection	$150,000					$150,000
2015 Projection	$150,000					$150,000
2016 Projection	$150,000					$150,000
2017 Projection	$150,000					$150,000
2018 Projection	$150,000					$150,000
Total Six Year Cost	$890,000	$0	$0	$0	$0	$890,000
Total Project Cost	$890,000	$0	$0	$0	$0	$890,000
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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:

Estimated Completion Date:

Department Head Signature Glenna Kuhn

Prepared By/Phone Ext Facilities Development and Mgmt/Ext 3402

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure: Facilities Development & Management	Date Submitted:	
Project/Program:	Facility Condition Assessment Program		
Prepared By:	Facility Development and Management	Current Request:	$140,000
Dept Head:	Ghassan Korban	6 Yr Total:	$890,000

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 **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)
			Reduction	Will the project result in a reduction or increase in **energy use**?
x			A	Does the project involve **specific energy reduction strategies** or features?
	x			Will this project cause **disruptions to regular city operations**?
x			B	Are there **other potential costs** associated with this project that are not addressed above?

Comments / Other Considerations:

A. Inspection can be used to identify energy saving opportunities.

B. Inspections will indicate where repairs and replacement/upgrades are needed.

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

Project/Program: Facility Condition Assessment 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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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**?
			All	Does the project target the **quality of life** of all citizens or does it target one demographic?
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:

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
			A.	How does the request effect 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? (See Below)
		x		Have you documented costs of unplanned or corrective maintenance related to the facility?
x			B.	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. Inspection will highlight equipments expected life and when it has been surpassed.
B. Inspections can indicate where new technology can be utilized to increase facility affectiveness and efficiency.

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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: MacArthur Square Plaza Remediation
Requesting Department: DPW/Infrastructure: Facilities Development and Management
Prepared By/Phone Ext: Facilities Development & Mgmt/Ext 3402
Department Head Signature: [signature]
Account No: BU110080900

A) **Department Priority** SP-6 of SP-7 **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** 0 **Total FTEs** 0.0

Position Title	No. of Positions	FTEs	Salaries
			$
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

The MacArthur Square Plaza was constructed in 1966-68. Since that time no significant changes were made, except for sidewalk replacement in the early 1980's. A 2005 engineering condition report outlined major deficiencies to all elements of the Plaza, including landscaping, irrigation, pool and fountain, architectural and structural elements, plumbing, and electrical lighting. The financial needs for this work range between $16 million to $19.2 million.
The waterproofing beneath the soil overburden has failed and leaking causing operational problems for parking section and needs to be replaced

G) **Additional Comments**

This public space is under-utilized, and discussions with the Department of City Development have taken place emphasizing enhancing this area and making better use of this public space.

NOTE: 2005 engineering condition report available on request

BMD-.50

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Project/Program Title: MacArthur Square Plaza Remediation **Account No:** BU110080900

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$0					$0
2014 Projection	$251,000					$251,000
2015 Projection	$255,000					$255,000
2016 Projection	$259,000					$259,000
2017 Projection	$263,000					$263,000
2018 Projection	$267,000					$267,000
Total Six Year Cost	$1,295,000	$0	$0	$0	$0	$1,295,000
Total Project Cost	$1,295,000	$0	$0	$0	$0	$1,295,000
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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 Glenn Kuhn

Prepared By/Phone Ext Facilities Development and Mgmt/Ext. 3402

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure: Facilities Development and Management	Date Submitted:	
Project/Program:	MacArthur Square Plaza Remediation		
Prepared By:	Facilities Development and Managemetn	Current Request:	$0
Dept Head:	Ghassan Korban	6 Yr Total:	$1,295,000

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 **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 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:

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

Project/Program: MacArthur Square Plaza Remediation

*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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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**?
			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:

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
			Beyond useful life	How does the request effect 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? (See Below)
x				Have you documented costs 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:

Safety is a factor. The MacArthur Square Plaza is shared by City and County.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Energy Efficiency & Renewable Energy

Requesting Department: DPW/Infrastructure: Facilities Development & Mgmt

Prepared By/Phone Ext: Facilities Development & Mgmt Ext 3402

Department Head Signature: [signature]

Account No:

A) **Department Priority** SP-4 of SP-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 Ongoing

D) **Total Positions** 3 **Total FTEs** 0.62

Position Title	No. of Positions	FTEs	Salaries	
Professional/Inspection	2	0.42	$	30,200
Trades	1	0.2	$	13,100
			$	

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

Energy reduction initiatives and renewable energy projects will also be put into service. Buildings and Fleet will use this funding for grant matching where grants can be secured.

G) **Additional Comments**

Total: $150,000

BMD-1.00

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Project/Program Title: Energy Efficiency & Renewable Energy Initiative Program **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$150,000					$150,000
2014 Projection	$800,000					$800,000
2015 Projection	$850,000					$850,000
2016 Projection	$900,000					$900,000
2017 Projection	$950,000					$950,000
2018 Projection	$1,000,000					$1,000,000
Total Six Year Cost	$4,650,000	$0	$0	$0	$0	$4,650,000
Total Project Cost	$4,650,000	$0	$0	$0	$0	$4,650,000
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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 Gheorghe Kuhn

Prepared By/Phone Ext Facilities Development and Management/Ext.3402

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure: Facilities Development and Management	Date Submitted:	
Project/Program:	Energy Efficiency and Renewable Energy		
Prepared By:	Facilities Development and Management	Current Request:	$150,000
Dept Head:	Ghassan Korban	6 Yr Total:	$4,650,000

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:

Is global warming an immediate risk? Does it affect health and safety?

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 **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			Reduction	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:

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

Project/Program: Energy Efficiency and Renewable Energy

*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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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	Does the project target the **quality of life** of all citizens or does it target one demographic?
	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:				

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
x				How does the request effect 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? (See Below)
x				Have you documented costs 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:				

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Building Exterior Façade Restoration
Facilities Development and Management

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Prepared By/Phone Ext: Ext. 3402

Department Head Signature: [signature]

Account No:

A) **Department Priority** SP-5 of SP-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 5

D) **Total Positions** 2 **Total FTEs** 0.83

Position Title	No. of Positions	FTEs	Salaries
Professional/Inspection	2	0.83	$ 59,700
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

In 2001 the City's Department of Neighborhood Services(DNS) enacted City Ordinance #275-32-13 requiring the In owner of any building in the City of Milwaukee that is 5 stories or greater to have a critical exam completed to determine if the facade of their building is in a safe condition. In 2006 Buildings & Fleet Services had a consulting firm (INSPEC) do a critical exam of the exterior facade of the Anderson Tower/Municipal Building(ATMB), the Zeidler Municipal Building(ZMB) and the Police Administration Building(PAB). In addition, INSPEC also inspected the 809 Broadway Building's(809) exterior facade. The results of these exams showed that the ATMB and ZMB had unsafe conditions that needed to be addressed immediately and that all four buildings' exterior facade needed repair/restoration work done to prevent further deterioration and future unsafe conditions

G) **Additional Comments**

BMD-[illegible]

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Project/Program Title: Building Exterior Façade Restoration **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$0					$0
2014 Projection	$500,000					$500,000
2015 Projection	$500,000					$500,000
2016 Projection	$500,000					$500,000
2017 Projection	$0					$0
2018 Projection	$0					$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

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/01/11

Estimated Completion Date: 12/31/16

Department Head Signature Glenn Kuhn

Prepared By/Phone Ext Facilities Development and Management/Ext. 3402

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure: Facilities Development & Management	Date Submitted:	
Project/Program:	Building Exterior Façade Restoration		
Prepared By:	Facilities Development and Management	Current Request:	$0
Dept Head:	Ghassan Korban	6 Yr Total:	$1,500,000

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 **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 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:

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

Project/Program: Building Exterior Façade Restoration

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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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 or does it target one demographic?
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:				

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
x				How does the request effect 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? (See Below)
x				Have you documented costs 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:

Critical nature related to failing facades.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Municipal Service Building Relocation

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Prepared By/Phone Ext: Facilities Development & Mgmt. Ext 3402

Department Head Signature: [signature]

Account No:

A) **Department Priority** SP-7 of SP-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 3

D) **Total Positions** 2 **Total FTEs** 0.25

Position Title	No. of Positions	FTEs	Salaries
Professional/Inspection	2	0.50	$ 36,000
			$
			$

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

This project will identify location, procure location, assess needs, and set up program for a new facility to replace the Municipal Service Building and Traffic shop so that these facilities can be sold for development.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure: Facilities Development and Management

Project/Program Title: Municipal Service Building Relocation **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$250,000					$250,000
2014 Projection	$100,000					$100,000
2015 Projection	$0					$0
2016 Projection	$0					$0
2017 Projection	$0					$0
2018 Projection	$0					$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

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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:

Estimated Completion Date:

Department Head Signature

Prepared By/Phone Ext Facilities Development & Mgmt./Ext 3402

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure: Facilities Development and Management	Date Submitted:	
Project/Program:	Municipal Service Building Relocation		
Prepared By:	Facilities Development and Management	Current Request:	$250,000
Dept Head:	Ghassan Korban	6 Yr Total:	$350,000

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 **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)
			Reduction	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:

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

Project/Program: Municipal Service Building 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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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**?
			All	Does the project target the **quality of life** of all citizens or does it target one demographic?
	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:

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
		x		How does the request effect 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? (See Below)
x				Have you documented costs 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			Possibly	Does the project have the potential to promote economic/community development in areas **where growth is desired**?
x			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?
x				Will the project **produce desirable jobs** in the City?
x			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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: City Facilities Consolidation

Requesting Department: DPW/Infrastructure Facilities Development and Management

Prepared By/Phone Ext: Facilities Development & Mgmt/Ext 3402

Department Head Signature: [signature]

Account No: _____

A)

Department Priority SP-9 of 9 **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 ☐ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F)

Project/Program Justification

See Attached

G)

Additional Comments

BMD-1.00

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure Facilities Development and Management

Project/Program Title: City Facilities Consolidation **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0		$4			$4
2013 Budget Request	$60,000					$60,000
2014 Projection	$80,000					$80,000
2015 Projection	$0					$0
2016 Projection	$0					$0
2017 Projection	$0					$0
2018 Projection	$0					$0
Total Six Year Cost	$140,000	$0	$0	$0	$0	$140,000
Total Project Cost	$140,000	$0	$4	$0	$0	$140,004

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

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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:

Estimated Completion Date:

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	Date Submitted:	
Project/Program:	City Facilities Consolidation		
Prepared By:	Facilities Development and Management	Current Request:	$60,000
Dept Head:	Ghassan Korban	6 Yr Total:	$140,000

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 **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 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:

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

Project/Program: City Facilities Consolidation

*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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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 or does it target one demographic?
		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:

Meets Mayor's objective of consolidation of city services.

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
		x		How does the request effect 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? (See Below)
		x		Have you documented costs 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**
				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:

2013 DPW CAPITAL IMPROVEMENT PROJECT/PROGRAM DESCRIPTION

FUND & PROJECT GRANT NUMBER	PROJECT/PROGRAM TITLE & LOCATION
BR300120000	BRIDGE PROGRAM, STATE AND FEDERAL AID

DIVISION/ SECTION

INFRASTRUCTURE SERVICES DIVISION / FIELD OPERATIONS SECTION

DATE	PREPARED BY/PHONE
March 1, 2012	CRAIG LIBERTO / X-3294

PROJECT/PROGRAM DESCRIPTION AND JUSTIFICATION

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.

This Bridge Program is necessary to meet the following objectives:

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.

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.

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.

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.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: BRIDGE PROGRAM, STATE AND FEDERAL AID

Requesting Department: DPW / INFRASTRUCTURE SERVICES

Prepared By/Phone Ext: CRAIG LIBERTO / X-3294

Department Head Signature:

Account No: BR300120000

A) **Department Priority** _____ of _____ **Useful Life** 70 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 ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☑ New Request

F) **Project/Program Justification**

Refer to attached 2013 DPW Capital Improvement Project / Program Description.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: DPW / INFRASTRUCTURE / FIELD OPERATIONS

Project/Program Title: BRIDGE PROGRAM, STATE AND FEDERAL AID **Account No:** BR300120000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$1,170,000	$4,680,000				$5,850,000
2013 Budget Request	$100,000	$5,655,000				$5,755,000
2014 Projection	$1,170,000	$4,680,000				$5,850,000
2015 Projection	$680,000	$2,720,000				$3,400,000
2016 Projection	$700,000	$2,800,000				$3,500,000
2017 Projection	$700,000	$2,800,000				$3,500,000
2018 Projection	$700,000	$2,800,000				$3,500,000
Total Six Year Cost	$4,050,000	$21,455,000	$0	$0	$0	$25,505,000
Total Project Cost	$5,220,000	$26,135,000	$0	$0	$0	$31,355,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: 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 1, 2012
Project/Program:	BRIDGE PROGRAM / STATE AND FEDERAL AID	Current Request: (2013)	$0
Prepared By:	CRAIG LIBERTO	6 Yr Total: (2013-2018)	$3,950,000
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			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:

BRIDGE PROGRAM, STATE AND FEDERAL AID, PARENT ACCOUNT

Funds Available 02-20-2012 in Parent Account

2011 Carryover Unencumbered Balance (Bridge Program, State and Federal Aid)	1,346,570.94
TOTAL Carryover Unencumbered Balance (Bridge Program, State and Federal Aid)	$1,346,570.94

Appropriation for 2012

Tax Levy - Cash	0.00
Other Revenues	0.00
New Borrowing (Bridge Program, State and Federal Aid)	500,000.00
Subaccount Close-outs (estimated)	3,429.06
TOTAL FUNDS AVAILABLE	$1,850,000.00

Estimated 2012 expenditures and carryover

Remaining 2012 Needs (Bridge Program, State and Federal Aid) - Attachment 1	580,000.00
Revenues Not Received	0.00
TOTAL EXPENDITURES	$580,000.00
2012 ASSUMED CARRYOVER	$1,270,000.00

ATTACHMENT 1
BRIDGE PROGRAM, STATE AND FEDERAL AID
2012 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	South Whitnall Avenue over Union Pacific Railroad Design - Revised Agreement Pending Resoulution - #111359	145	0	0	0	145
STP BR	Various Projects Design & Constr. Shortfalls	2,175	1,740	0	0	435
	TOTALS	2,320	1,740	0	0	580

INFRASTRUCTURES SERVICES DIVISION
2013 BRIDGE PROGRAM, STATE AND FEDERAL AID
(AMOUNTS SHOWN IN 1000'S OF DOLLARS)

Projects are listed in construction funding order

PROJECT	2013	2014	2015	2016	2017	2018	REVENUE & GRANT	6 YEAR TOTAL	REMARKS
Whitnall Avenue Bridge Union Pacific Railroad	520						2,080	2,600	Construction: Bridge replacement State/City share 80/20 funded Sufficiency Rating 47.4 Project Risk: Complex; Bridge replacement, coordination with railroad.
West Granville Road Bridge over Little Menomonee River	85						340	425	Construction: Bridge removal Design previously funded 80/20 State/City share 80/20 funded Sufficiency Rating: 22.4 Project Risk: Low
West Capitol Drive Bridge over Branch of Menomonee River	25						2,635	2,660	Construction: Bridge replacement Design previously funded 75/25 100% State funded, excluding non-participating items Sufficiency Rating 49.0 Project Risk: Complex; Bridge replacement, traffic control & waterway issues
South 27th Street Bridge over Kinnickinnic River	20						2,500	2,520	Construction: Renovation, painting, deck replacement 100% State funded with STP funds, excluding non-participating items Sufficiency Rating 60.6 Project Risk: Low
North 45th Street Bridge over Menomonee River	205						800	1,005	Construction: Renovation, painting, deck replacement Design previously funded 80/20 in 2007 State/City share 80/20 funds Sufficiency Rating 46.5 Project Risk: Complex; Unique access & scheduling issues to landlock adjacent
South 27th Street Culvert over Kinnickinnic River	20						400	420	Construction: Renovation, railing replacement 100% State funded with STP funds, excluding non-participating items Sufficiency Rating 67.0 Project Risk: Low
West Villard Avenue over Lincoln Creek		330					1,320	1,650	Construction: Renovation, painting, deck replacement State/City share 80/20 funds Sufficiency Rating 73.2 Project Risk: Low
West North Avenue over Canadian Pacific Railway		740					2,960	3,700	Construction: Bridge replacement Design previously funded 80/20 in 2007 State/City share 80/20 funded Sufficiency Rating 32.0 **Construction funding needs to be acquired.** Project Risk: Complex; Bridge replacement, work over railroad
South 35th Street Bridge over Kinnickinnic River			290				1,160	1,450	Design & Construction: Bridge renovation, painting, deck replacement Sufficiency Rating 63.4 **Funding needs to be acquired.** Project Risk: Low
North 51st Street Bridge over Lincoln Creek			290				1,160	1,450	Design & Construction: Bridge renovation, painting, deck replacement Sufficiency Rating 65.9 **Funding needs to be acquired.** Project Risk: Low

INFRASTRUCTURES SERVICES DIVISION
2013 BRIDGE PROGRAM, STATE AND FEDERAL AID
(AMOUNTS SHOWN IN 1000'S OF DOLLARS)

Projects are listed in
construction funding order

PROJECT	2013	2014	2015	2016	2017	2018	REVENUE & GRANT	6 YEAR TOTAL	REMARKS
' us Bridges (e determined based on funds remaining from fiscal 2011-2014 WisDOT funding cycle)	295						1,180	1,475	Design: Bridge rehabilitation or replacement State/City share 80/20 funded
Various Bridges (To be determined based on future sufficiency ratings and applied for in 2015-2018 WisDOT funding cycle); funds not available until July, 2016				100	100	100	1,200	1,500	Design: Bridge rehabilitation or replacement State/City share 80/20 funded **Design funding needs to be acquired.**
Various Bridges (To be determined based on future sufficiency ratings and applied for in 2015-2018 WisDOT funding cycle);				500	500	500	6,000	7,500	Construction: Bridge rehabilitation or replacemer State/City share 80/20 funded **Construction funding needs to be acquired.**
Various Projects Design & Constr. Shortfalls	100	100	100	100	100	100	2,400	3,000	Bridge Program engineering & construction State/City share 80/20 funded
TOTALS BRIDGE, STATE & FED.	1,270	1,170	680	700	700	700	26,135	31,355	

2013 DPW CAPITAL IMPROVEMENT PROJECT/PROGRAM DESCRIPTION

FUND & PROJECT GRANT NUMBER	PROJECT/PROGRAM TITLE & LOCATION
BR100120000	BRIDGE PROGRAM, LOCAL

DIVISION/ SECTION

INFRASTRUCTURE SERVICES DIVISION / FIELD OPERATIONS SECTION

DATE	PREPARED BY/PHONE
March 1, 2012	CRAIG LIBERTO / X-3294

PROJECT/PROGRAM DESCRIPTION AND JUSTIFICATION

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.

This Bridge Program is necessary to meet the following objectives:

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.

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.

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.

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.

BMD-100

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:**

Account No: BR100120000

A) **Department Priority** _____ of _____ **Useful Life** 70 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 ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☑ New Request

F) **Project/Program Justification**

Refer to attached 2013 DPW Capital Improvement Project / Program Description.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: DPW / INFRASTRUCTURE / FIELD OPERATIONS

Project/Program Title: BRIDGE PROGRAM, LOCAL **Account No:** BR100120000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0	$0				$0
2013 Budget Request	$9,785,000	$0				$9,785,000
2014 Projection	$9,825,000	$0				$9,825,000
2015 Projection	$9,600,000	$0				$9,600,000
2016 Projection	$9,525,000	$0				$9,525,000
2017 Projection	$9,600,000	$0				$9,600,000
2018 Projection	$9,500,000	$0				$9,500,000
Total Six Year Cost	$57,835,000	$0	$0	$0	$0	$57,835,000
Total Project Cost	$57,835,000	$0	$0	$0	$0	$57,835,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 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 1, 2012
Project/Program:	BRIDGE PROGRAM / LOCAL	Current Request: (2013)	$9,785,000
Prepared By:	CRAIG LIBERTO	6 Yr Total: (2013-2018)	$57,835,000
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			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:

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:

BRIDGE PROGRAM, LOCAL, PARENT ACCOUNT

Funds Available 02-20-2012 in Parent Account

2010 Carryover Unencumbered Balance (Bridge Program, Local)	52,853.23
2011 Carryover Unencumbered Balance (Bridge Program, Local)	389,000.00
TOTAL Carryover Unencumbered Balance (Bridge Program, Local)	$441,853.23

Appropriation for 2012

Tax Levy - Cash	0.00
Other Revenues	0.00
New Borrowing (Bridge Program, Local)	7,782,000.00
Subaccount Close-outs (estimated)	76,146.77
TOTAL FUNDS AVAILABLE	$8,300,000.00

Estimated 2012 expenditures and carryover

Remaining 2012 Needs (Bridge Program, Local) - Attachment 1	8,300,000.00
Revenues Not Received	0.00
TOTAL EXPENDITURES	$8,300,000.00
2012 ASSUMED CARRYOVER	$0.00

ATTACHMENT 1
BRIDGE PROGRAM, LOCAL
2012 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	Pleasant Street Lift Bridge over Milwaukee River Rehabilitation Construction	7,000	0	0	0	7,000
B	West Lisbon Avenue Bridge over Canadian Pacific Railway Preliminary Engineering	350	0	0	0	350
B	6th Street Viaduct Cable Stay Bridges In-depth Inspection	75	0	0	0	75
B	Bridge Indirect & Administration Pending Resolution - #111371	150	0	0	0	150
B	City Safety Bridge Inspection Pending Resolution - #11371	150	0	0	0	150
B	Various Project Design & Constr. Shortfalls	575	0	0	0	575
	TOTALS	8,300	0	0	0	8,300

INFRASTRUCTURES SERVICES DIVISION
2013 BRIDGE PROGRAM, LOCAL
(AMOUNTS SHOWN IN 1000'S OF DOLLARS)

Projects are listed in construction funding order

PROJECT	2013	2014	2015	2016	2017	2018	REVENUE & GRANT	6 YEAR TOTAL	REMARKS
5th Street Bridge Kinnickinnic River (Wilson Creek)	10						0	10	Design oversight of MMSD by-pass culvert improvement Project Risk: Low
West St. Paul Avenue Lift Bridge over Milwaukee River	9,000						0	9,000	Complete movable bridge structural, mechanical, hydraulic, and electrical rehab. Sufficiency Rating: 45.5 * Project Risk: Complex; Movable bridge rehab.
Kinnickinnic River Bridges from 8th Street to 16th Street (3 vehicular and 3 pedestrian)		100					0	100	Design oversight of MMSD channel improvements Project Risk: Low
South 1st Street Bridge over Kinnickinnic River		1,600					0	1,600	Construction. Bridge rehab. Sufficiency Rating 61.9 * Project Risk: Low
Cherry Street Bascule Bridge over Milwaukee River		2,500					0	2,500	Bridge painting, structural steel repair Sufficiency Rating: 70.3 Project Risk: Complex; Movable bridge rehab.
West Wells Street Lift Bridge over Milwaukee River		2,000					0	2,000	Painting, hydraulic cylinder rehab. Sufficiency Rating: 48.4 * Project Risk: Complex; Movable bridge rehab.
South 70th Street Bridge over Hank Aaron State Trail (former Canadian Pacific Railway)		2,300					0	2,300	Construction. Bridge replacement Sufficiency Rating: 39.3 * Project Risk: Low
West Becher Street Bridge over Kinnickinnic River	300						0	300	Design. Bridge rehab. Sufficiency Rating 90.4 Concrete deck in poor condition Project Risk: Low
Becher Street Bridge over Kinnickinnic River			1,800				0	1,800	Construction. Bridge rehab. Sufficiency Rating 90.4 Concrete deck in poor condition Project Risk: Low
West Michigan Street Lift Bridge over Milwaukee River		1,000					0	1,000	Design. Movable bridge rehab. Sufficiency Rating: 69.4 * Project Risk: Complex; Movable bridge rehab.
West Michigan Street Lift Bridge over Milwaukee River			7,500				0	7,500	Construction: Movable bridge structural, mechanical, hydraulic, and electrical rehab. Sufficiency Rating: 69.4 * Project Risk: Complex; Movable bridge rehab.
North Broadway Bascule Bridge over the Milwaukee River				1,000			0	1,000	lighting Sufficiency Rating: 71.9 Project Risk: Complex; Movable bridge rehab.
South Plankinton Avenue Bascule Bridge over Menomonee River				1,200			0	1,200	Painting, sidewalk plate repl., décor lighting Sufficiency Rating: 60.8 Project Risk: Complex; Movable bridge rehab.
South 1st Street Bascule Bridge over Kinnickinnic River				7,000			0	7,000	Bridge painting, structural steel repair Sufficiency Rating: 48.0 * Project Risk: Complex; Movable bridge rehab.
16th Street Bascule over Menomonee River					4,000		0	4,000	Bridge painting, fender piling & other repairs, card access system, décor lighting Sufficiency Rating: 64.2 * Project Risk: Complex; Movable bridge rehab.
West Lisbon Avenue Canadian Pacific Railway					3,800		0	3,800	Construction. Bridge replacement Sufficiency Rating 40.9 * Project Risk: Complex; Bridge replacement over RR
Water Street Bascule Bridge over Milwaukee River					1,500		0	1,500	Painting, accent lighting for movable bridge Sufficiency Rating: 73.2 Project Risk: Complex; Movable bridge rehab.

INFRASTRUCTURES SERVICES DIVISION
2013 BRIDGE PROGRAM, LOCAL
(AMOUNTS SHOWN IN 1000'S OF DOLLARS)

Projects are listed in construction funding order

PROJECT	2013	2014	2015	2016	2017	2018	REVENUE & GRANT	6 YEAR TOTAL	REMARKS
North Holton Street Viaduct Milwaukee River						5,000	0	5,000	Painting, structural steel repair Sufficiency Rating: 72.4 Project Risk: Complex; Major viaduct rehab.
West Brown Street over Canadian Pacific Railway						4,000	0	4,000	Bridge replacement Sufficiency Rating: 38.4 * Project Risk: Complex; Bridge replacement over RR
Underwater Dive Inspection of Scour Critical Bridges	175					175	0	350	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 inspections required for federal & state bridge funds for eligible bridges & all other 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	9,785	9,825	9,600	9,525	9,600	9,500	0	57,835	

Note: An asterisk (*) next to the sufficiency rating signifies the bridge would be eligible for federal / state funding if said funds were available.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Street Improvements State/Federal Aid **Requesting Department:** DPW Infrastructure

Prepared By/Phone Ext: Lois Gresl X2453 **Department Head Signature:** [signature]

Account No: ST320100000

A) **Department Priority** ____ of ____ **Useful Life** 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 ☐ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

Condition of asset, end of useful life, safety hazard, roadway enhancements.

G) **Additional Comments**

BML 0

Capital Improvement Request Part II

Requesting Department: DPW Infrastructure

Project/Program Title: Street Improvements State/Federal Aid 2013 **Account No:** ST320100000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$4,480,000			$910,000		$5,390,000
2013 Budget Request	$435,000	$50,900,000		$1,000		$51,336,000
2014 Projection	$4,574,100	$16,788,200		$689,000		$22,051,300
2015 Projection	$5,572,300	$49,458,700		$260,000		$55,291,000
2016 Projection	$5,926,000	$27,523,700		$908,500		$34,358,200
2017 Projection	$7,379,900	$31,191,200		$535,400		$39,106,500
2018 Projection	$7,964,000	$42,091,000		$690,000		$50,745,000
Total Six Year Cost	$31,851,300	$217,952,800	$0	$3,083,900	$0	$252,888,000
Total Project Cost	$36,331,300	$217,952,800	$0	$3,993,900	$0	$258,278,000

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

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: _____

Estimated Completion Date: _____

Department Head Signature _____

Prepared By/Phone Ext Lois Gresl X2453

CIC - Capital Improvement Request Part III

Department:	Department of Public Works Infrastructure	Date Submitted:	3/9/2012
Project/Program:	Street Improvements State/Federal Aid		
Prepared By:	Lois Gresl X2453	Current Request:	
Dept Head:	Clark Wantoch X2401	6 Yr Total:	

General Project/Program Description:

Paving, bridge,roadway,safety,sign and signal,roadway enhancement, projects in conjunction with other municipalities, county and state entities.

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 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:

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 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:

Referance to Road and Bridge Construction and improvements

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:

Referance to Road and Bridge Construction and improvements

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:

Referance to Road and Bridge Construction and improvements

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:

Referance to Road and Bridge Construction and improvements

ATTACHEMENT 2(2013 BUDGET)
FEDERAL AND/OR STATE AIDED PROJECTS
(2012 REMAINING FUNDING NEEDS FROM PARENT ACCOUNTS)

TYPE	PQI	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
		LOCAL JURISDICTION PROJECTS:						
STP-A	6.5	S. 13th St. W. Forest Home to W. Windlake						
		Preliminary Engineering	$180,000	$144,000		$36,000	NA	
STP-A	2.5	S. 35th St. W. Burnham Ave. to W. Greenfield Ave.						
		Construction	$1,500,000	$1,200,000	$30,000	$270,000	LOW	.5 Miles
		Traffic Control	$125,000	$100,000		$25,000		
		Lighting Conduit	$50,000			$50,000		
STP-A	3.3	N. 92nd St. W. Capitol Dr. to W. Hampton Ave.						
		Preliminary Engineering	$600,000	$400,000		$200,000	NA	
STP-A	2.8	N. Teutonia W. Ruby to W. Capitol Dr.						
		Preliminary Engineering	$335,000	$268,000		$67,000	NA	
STP-A		W. Wisconsin Ave. N. 21st St. to N. 35th St.						
		Preliminary Engineering	$600,000	$480,000		$120,000	NA	
		SUBTOTAL (STP-A)	$3,390,000	$2,592,000	$30,000	$768,000		
		LOCAL SYSTEM BRIDGE PROJECTS:						
		SUBTOTAL (STP-BR)	**$0**	**$0**	**$0**	**$0**		
		COUNTY JURISDICTION PROJECTS:						
		Monies in City Local Program						
		SUBTOTAL(CO)	**$0**	**$0**	**$0**	**$0**		
		STATE JURISDICTION PROJECTS:						
STP-CH		W. Highland Ave. N. 12th St. to N. 27th St.						
		Preliminary Engineering	$300,000	$225,000		$75,000	NA	
STP-CH		E. Wells St. (USH 18) N. 6th St. to N. Prospect Ave.						
		Preliminary Engineering	$828,000	$621,000		$207,000	NA	
STP-CH	3.1	W. Capitol Drive West City Limits to N. 84th St.						1.50 Miles
		Construction	$8,095,000	$7,400,000	$70,000	$625,000	COMPLEX	High Traffic Volumes
		Traffic Control	$250,000	$250,000				
		Lighting Conduit	$100,000			$100,000		
		Street Lighting	$350,000	$350,000				
		SUBTOTAL(STP-CH)	**$9,923,000**	**$8,846,000**	**$70,000**	**$1,007,000**		
STP-CH BR		W. Capitol Dr. Bridge Over Menomonee River						
		Construction	$75,000	$75,000				
		Street Lighing conduit	$5,000			$5,000		
		SUBTOTAL(STP-CH BR)	**$75,000**	**$75,000**	**$0**	**$0**		
STATE		S. 27th St. (STH 241) Drexel to College Ave						
		Preliminary Engineering	$26,512,000	$26,510,000		$2,000	NA	
		SUBTOTAL(STATE)	**$26,512,000**	**$26,510,000**	**$0**	**$2,000**		

ATTACHEMENT 2(2013 BUDGET)
FEDERAL AND/OR STATE AIDED PROJECTS
(2012 REMAINING FUNDING NEEDS FROM PARENT ACCOUNTS)

TYPE	PQI	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
		OTHER PROJECTS						
CMAQ		Downtown to Bayview Bike Path Phase II						
		Construction	$300,000	$240,000		$60,000	Low	.46 Miles
		Traffic Control	$50,000	$40,000		$10,000		
CMAQ		Milwaukee CBD Phase V &VI						
		Engineering	$600,000	$480,000		$120,000	LOW	
		Milwaukee CBD Streetscape Phase VII						
		Preliminary Engineering	$250,000	$200,000		$50,000		
HSIP		S. 27th St. RIDP						
		Traffic and St. Lighting	$160,000	$144,000		$16,000	LOW	
HSIP		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 Grnfld/KK	$1,675,000	$1,340,000		$335,000	LOW	
CMAQ		Bicycle Lane Installations2984-41-70						
		Construciton	$470,000	$376,000		$94,000	LOW	
HSIP		Lapham & 13 St.						
		Traffic Control	$65,000	$52,000		$13,000		
TE		Open Metal Grate Bike Lanes 2984-19-/71						
		Construction	$600,000	$480,000		$120,000		
TE		N. 27th St. Streetscape2265-17-00 DCD funding Local Share						
		Construction	$858,000	$858,000				
CMAQ		Milwaukee Smart Trips	$337,320	$337,320				
TE		City of Milwaukee Pedestrian Plan	$150,000	$120,000		$30,000		
TE		Beer Line Bicycle Trail Extension						
		Preliminary Engineering	$130,000	$104,000		$26,000		
		Real Estate	$650,000	$520,000		$130,000		
		Construction	$212,000	$169,600		$42,400		
TE		Layton Blvd/S. 27th St Streetscape Enhancements						
		Preliminary Engineering	$169,000	$135,200		$33,800		
		Construction	$1,142,700	$914,200		$228,500		
HSIP		11 Intersections City Wide						
		Construction	$127,000	$114,300		$12,700		
HSIP		VEH and PED detection 9 Local Sreet Int						
		Signals	$70,000	$63,000		$7,000		
HSIP		Burnham and 35th St. Intersection						
		Signals	$25,000	$22,500		$2,500		
HSIP		2 CH Intersections Congress and 76th St., Wells and 35th St.						
		Signals	$21,000	$18,900		$2,100		
TE		Beerline bicycle Trail Extension						
		Construction	$200,000	$160,000		$40,000		
TE		Layton Blvd/S. 27th St. Streetscape Enhancement						
		Construction	$1,131,000	$904,800		$226,200		
CMAQ		Milwaukee CBD Phase V &VI						
		Construction	$1,750,000	$1,400,000		$350,000		
		St Lighting And Traffic	$250,000	$200,000		$50,000		

ATTACHEMENT 2(2013 BUDGET)
FEDERAL AND/OR STATE AIDED PROJECTS
(2012 REMAINING FUNDING NEEDS FROM PARENT ACCOUNTS)

TYPE	PQI	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
CMAQ		Summerfest Advanced Parking Guidance Phase 2 1693-37-70						
		Construction	$969,000	$775,200		$193,800	LOW	
HSIP		Semi Activation 10 CH Intersections						
		Preliminary Engineering	$15,000	$12,000		$3,000		
		Signals	$187,000	$149,600		$37,400		
CMAQ		Various						
		Preliminary Engineering	$200,000	$160,000		$40,000		
		Signals	$1,000,000	$800,000		$200,000		
SRTS		Various						
		Preliminary Engineering	$100,000	$100,000				
		Signals	$500,000	$500,000				
HSIP		Various						
		Preliminary Engineering	$200,000	$180,000		$20,000		
		Signals	$1,000,000	$900,000		$100,000		
HSIP		117 Loc St. Intersection Countdown Grant #4						
		Signals	$825,000	$742,500		$82,500		
HSIP		119 loc. St Intersections Countdown Grant #5						
		Signals	$875,000	$787,500		$87,500		
HSIP		129 CH. Intersections Countdown Grant #6						
		Signals	$875,000	$787,500		$87,500		
HSIP		28 CH Int 12" signal Install						
		Signals	$129,000	$112,500		$16,500		
CMAQ		37 WC St. Int. 12" signal Install						
		Signals	$210,000	$189,000		$21,000		
STP-S		Semi Activation 32 Loc St Intersect						
		Preliminary Engineering	$45,000	$36,000		$9,000		
		Signals	$465,000	$372,000		$93,000		
CMAQ		Traffic Adaptive Signal Timers ID 1693-48-01,91						
		Preliminary Engineering	$150,000	$120,000		$30,000		
		Construction	$420,000	$336,000		$84,000		
LRIP		Local Roads Improvement Program Various Locatons						
		Construction	$2,135,000	$1,067,000	$534,000	$534,000		
CMAQ		Various congestion Mitigation Air Quality Projects Various Locations						
		Preliminary Engineering	$500,000	$400,000		$100,000		
		Misc Transportation Studies	$100,000			$100,000		
		Various Engineering and Construction Shortfall Resolutions	$4,000,000	$3,200,000		$800,000		
		Pavement Management System Arterial Streets	$150,000			$150,000		
		Administration	$700,000			$700,000		
		SUBTOTAL	**$27,463,020**	**$21,376,620**	**$534,000**	**$5,552,400**		
YR TOTAL			**$67,363,020**	**$59,399,620**	**$634,000**	**$7,329,400**		

ATTACHEMENT 2(2013 BUDGET)
FEDERAL AND/OR STATE AIDED PROJECTS
(2012 REMAINING FUNDING NEEDS FROM PARENT ACCOUNTS)

TYPE	PQI	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION

2012

	Assessable	Non-Assesable
Funds Available February 20 ,2012 In Parent Accounts (Unencumbered Carry Over)	$1,650,453	$0
Appropriation for 2012		
Cash	$0	$0
Borrowing	$1,000	$11,810,429
Subaccount Close-Outs (Estimated)	$0	$0
	$1,651,453	$11,810,429
Total 2012 Needs	**$634,000**	$7,329,400
Assumed 2012 Carryover	**$1,074,253**	**$4,481,029**

MAJOR STREET IMPROVEMENTS
2013 BUDGET SUMMARY

3/20/2012

TYPE	PQI	PROJECT	PROJECT COSTS	TOTAL GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
		LOCAL JURISDICTIONAL PROJECTS:						
STP-A	4.4	W. Lloyd Street						
		N. 47th St. to W. Lisbon						1.05 Miles
		Construction	$4,000,000	$3,200,000	$70,000	$730,000	LOW	
		Traffic Control	$120,000	$96,000		$24,000		
		Lighting Conduit	$100,000			$100,000		
		SUBTOTAL (STP-A)	**$4,220,000**	**$3,296,000**	**$70,000**	**$854,000**		
		LOCAL SYSTEM BRIDGE PROJECTS:						
STP-BR		N. 45th St. Bridge Over Menomonee River						
		Construction	$130,000	$104,000		$26,000	Complex	Access Issues
STP_BR		W. Granville Rd Over Little Little Menomonee River Bridge						
		Construction	$315,000	$252,000		$63,000	Complex	Intragovernmental Coord.
		Real Estate	$20,000			$20,000		
STP-BR		S. Whitnall Ave. Bridge over UPRR						
		Construction	$200,000	$160,000		$40,000	Complex	Railroad Coordination
		SUBTOTAL (STP-BR)	**$665,000**	**$516,000**	**$0**	**$149,000**		
		COUNTY JURISDICTIONAL PROJECT:						
CO		GMIA Airport perimeter Rd over Howell Ave.						
		Preliminary Engineering	$25,000			$25,000		
		Construction	$180,000	$160,000		$20,000		
CO		W. Mill Rd N. Sidney Pl to N. 43rd						
		Preliminary Engineering	$50,000			$50,000		
		SUBTOTAL (CO)	**$255,000**	**$160,000**	**$0**	**$95,000**		
		STATE JURISDICTION PROJECTS:						
STP-CH	2.8	S. 27th St. W. Howard Ave. to Kinnickic River Prkwy						1.3 Miles
		Construction	$8,690,000	$8,297,400	$60,000	$332,600	Complex	Access Issues Businesses
		Traffic Control	$200,000	$200,000				
		Lighting Conduit	$60,000			$60,000		
		Street Lighting	$450,000	$450,000				
STP-CH	4	N. 27th St. W. St. Paul Ave to W. Highland Blvd.						.69 Miles
		Construction	$2,500,000	$2,125,000	$35,000	$340,000	Complex	DCD Development
		Traffic Control	$340,000	$340,000				
		Lighting Conduit	$120,000			$120,000		
		Street Lighting	$152,000	$152,000				
		SUBTOTAL (STP-CH)	**$12,512,000**	**$11,564,400**	**$95,000**	**$852,600**		
STATE	5.5	Mayfair Rd(STH 100) Burleigh to Silver Spring						
		Construction	$6,872,000	$6,761,500		$110,500	LOW	
		Lighting Conduit	$5,000	$5,000				
STATE	3.4	Appleton Ave. (Hwy 41) W. Capitol Dr to USH 45						
		Construction	$10,600,000	$9,925,000		$675,000	LOW	
		Street Lighting Conduit	$150,000			$150,000		

MAJOR STREET IMPROVEMENTS
2013 BUDGET SUMMARY

3/20/2012

TYPE	PQI	PROJECT	PROJECT COSTS	TOTAL GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
STATE		W. Fond du lac Freeway(STH45)						
		Construction	$8,400,000	$8,400,000			LOW	
STATE	3.6	Howell Ave. (STH38)						
		Ryan Rd to Grange						
		Construction	$6,100,000	$6,000,000		$100,000	LOW	
		Traffic Control	$50,000	$50,000				
		Street Lighting Conduit	$50,000			$50,000		
		SUBTOTAL (STATE)	**$32,177,000**	**$31,141,500**	**$0**	**$1,035,500**		
		OTHER PROJECTS:						
HSIP		W. Kilbourn Ave. and N. 6th Intersection						
		Construction	$85,000	$76,500		$5,200		
		Traffic Signals	$40,000	$36,000		$4,000		LOW
HSIP		Install Monotube Mast Arms 10 Local Intersections						
		Preliminary Engineering	$225,000	$202,500		$22,500		
		Construction	$670,000	$603,000		$67,000		
		Traffic Control	$319,000	$287,100		$31,900		
STP-S		Various Safety Projects						
		Various Locations						
		Preliminary Engineering	$100,000	$90,000		$10,000		
		Construction	$500,000	$450,000		$50,000		
SMIP		Various Statewide Multi-Modal Improvements Program Projects						
		Various Locations						
		Preliminary Engineering	$100,000	$80,000		$20,000		
		Construction	$500,000	$400,000		$100,000		
		Pavement Management System	$150,000			$150,000		
		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	**$6,150,000**	**$4,220,000**	**$0**	**$1,930,000**		
		YEARLY TOTAL	**$55,979,000**	**$50,897,900**	**$165,000**	**$4,916,100**		

***Anticipated Carryover from 2012** $1,074,000 $4,481,000

($909,000) $435,100

MAJOR STREET IMPROVEMENTS
2014 BUDGET SUMMARY

3/18/2012

TYPE	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
	STATE JURISDICTION PROJECTS:						
STP-CH	S. Howell Ave. E. Layton Ave. to Howard Ave.						
	Construction	$3,600,000	$3,130,000	$50,000	$420,000		Coordinate with Wauwatos
	Traffic Control	$75,000	$75,000				
	Lighting Conduit	$40,000			$40,000		
	SUBTOTAL (STP-CH)	**$3,715,000**	**$3,205,000**	**$50,000**	**$460,000**		
STATE	N. 76th St. (Hwy. 181)2140-13-00 W. Grantosa to w. Florist					Low	
	Construction	$3,000,000	$2,760,000		$240,000		
	Lighting Conduit	$6,000			$6,000		
	SUBTOTAL (STATE)	**$3,006,000**	**$2,760,000**	**$0**	**$246,000**		
	OTHER PROJECTS:						
LRIP	Local Roads Improvement Program Various Locations						
	Construction	$2,135,000	$1,067,000	$534,000	$534,000		
CMAQ	Various Congestion Mitigation Air Quality Projects Various Locations						
	Preliminary Engineering	$500,000	$400,000		$100,000		
	Various Engineering and construction Shortfall Resolution	$4,000,000	$3,200,000		$800,000		
	Pavement Management System Arterial Streets	$150,000			$150,000		
	Miscelleous Transportation Studies	$100,000			$100,000		
	Administration	$700,000			$700,000		
	SUBTOTAL	**$7,585,000**	**$4,667,000**	**$534,000**	**$2,384,000**		
	YEARLY TOTAL	**$22,051,300**	**$16,788,200**	**$689,000**	**$4,574,100**		

MAJOR STREET IMPROVEMENTS
2015 BUDGET SUMMARY

3/18/2012

TYPE	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
	LOCAL JURISDICTIONAL PROJECTS:						
STP-A	N. 68th St. W. Capitol Dr. to W. Hampton Ave.					NA	
	Preliminary Engineering	$395,000	$316,000		$79,000		
STP-A	S. 20th St. W. College Ave. to W. Grange						
	Preliminary Engineering	$500,000	$400,000		$100,000	NA	
STP_A	N. 91st ST(Swan Rd) W. Mill Rd to W. Good Hope Rd						
	Preliminary Engineering	$437,000	$349,600		$87,400	NA	
STP-A	N. 92nd St. W. Capitol Dr. to W. Hampton Ave						
	Construction	$3,400,000	$2,720,000	$70,000	$610,000	LOW	
	Traffic Control	$141,000	$112,800		$28,200		
	Lighting Conduit						
STP-A	W. Burleigh St. N. 92nd St. to W. Lisbon Ave.						
	Preliminary Engineering	$820,000	$656,000		$164,000	NA	
STP-A	W. Forest Home Ave. S. 16th St. to W. Lincoln Ave.						
	Preliminary Engineering	$250,000	$200,000		$50,000	NA	
STP-A	W. Howard S. Clement Ave. to S. Howell Ave.						
	Preliminary Engineering	$400,000	$320,000		$80,000	NA	
STP-A	W. Oklahoma Ave. S. 49th St. to S. 60th St.						
	Preliminary Engineering	$380,000	$304,000		$76,000	NA	
STP-A	W. Roosevelt Dr. W.Fond du Lac to n. 60th St.						
	Preliminary Engineering	$450,000	$360,000		$90,000	NA	
STP-A	W. State St. N. 27th St. To N. 35th St.						
	Preliminary Engineering	$170,000	$136,000		$34,000	NA	
STP-A	N. Teutonia Ave. W. Capitol Dr. to W. Ruby Ave.						
	Construction	$2,200,000	$1,760,000	$40,000	$400,000	LOW	
	Traffic control	$205,000	$184,500		$20,500		
	Lighting Conduit	$50,000			$50,000		
STP-A	N. Teutonia Ave. W. Center to W. Burleigh St.						
	Preliminary Engineering	$227,000	$181,000		$46,000	NA	
STP-A	N. Teutonia Ave. W. Burleigh Ave to W. Capitol Dr.					NA	
	Preliminary Engineering	$477,000	$381,600		$95,400		
STP-A	W. Wisconsin Ave. N. 20th St. to N. 35th St.						
	Construction	$3,200,000	$2,560,000	$65,000	$575,000		
	Traffic Control	$284,000	$227,200		$56,800		
	Lighting Conduit						
	SUBTOTAL (STP-A)	**$13,986,000**	**$11,168,700**	**$175,000**	**$2,642,300**		
	LOCAL SYSTEM BRIDGE PROJECTS:						
STP-BR	Local System Bridge Program Various Locations						
	Preliminary Engineering	$150,000	$120,000		$30,000		
	SUBTOTAL (STP-BR)	**$150,000**	**$120,000**	**$0**	**$30,000**		

MAJOR STREET IMPROVEMENTS
2015 BUDGET SUMMARY

3/18/2012

TYPE	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
	COUNTY JURISDICTIONAL PROJECT:						
CO	W. Mill Rd Sidney Pl to N. 43rd St.						
	Construction	$80,000			$80,000		
	SUBTOTAL (CO)	**$80,000**	**$0**	**$0**	**$80,000**		
	STATE JURISDICTION PROJECTS:						
STP-CH	S. Howell Ave.						
	E. Grange to E. Layton Ave.					Low	
	Construction	$4,200,000	$3,360,000	$85,000	$755,000		
	Traffic Control	$75,000	$75,000				
	Lighting Conduit	$50,000			$50,000		
	SUBTOTAL (STP-CH)	**$4,325,000**	**$3,435,000**	**$85,000**	**$805,000**		
	STATE JURISDICTIONAL PROJECTS						
STATE	W. Loomis Rd(STH 36) S. 51st to Fardale Ave.						
	Construction	$11,000,000	$10,925,000		$75,000		
STATE	S. 27th St. Drexel to College Ave.						
	Construction	$19,600,000	$19,580,000		$20,000		
	SUBTOTAL (STATE)	**$30,600,000**	**$30,505,000**	**$0**	**$95,000**		
	OTHER PROJECTS:						
STP-S	Various Safety Projects						
	Various Locations						
	Preliminary Engineering	$100,000	$90,000		$10,000		
	Construction	$500,000	$450,000		$50,000		
SMIP	Various Statewide Multi-Modal Improvements Program Projects						
	Various Locations						
	Preliminary Engineering	$100,000	$90,000		$10,000		
	Construction	$500,000	$400,000		$100,000		
	Pavement Management System	$150,000			$150,000		
	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	**$6,150,000**	**$4,230,000**	**$0**	**$1,920,000**		
	YEARLY TOTAL	**$55,291,000**	**$49,458,700**	**$260,000**	**$5,572,300**		

MAJOR STREET IMPROVEMENTS
2014 BUDGET SUMMARY

3/18/2012

TYPE	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	$1,305,300	$1,044,200	$25,000	$236,100	LOW	
	Traffic Control	$292,000	$233,600		$58,400		
	Lighting Conduit						
STP-A	S. 16th St. W. Oklahoma to W. Lincoln Ave.						
	Preliminary Engineering	$425,000	$340,000		$85,000	NA	
STP-A	W. Hampton Ave. Green Bay Ave to N Teutonia						
	Construction	$4,000,000	$3,200,000	$80,000	$720,000	LOW	
	Traffic Control	$120,000	$96,000		$24,000		
	Lighting Conduit	$50,000			$50,000		
STP-A	N. Hopkins W. Congress to W. Villard Ave.						
	Preliminary Engineering	$426,000	$340,800		$85,200	NA	
STP-A	N. Humboldt E. North Ave to E. Locust Ave.						
	Preliminary Engineering	$317,000	$253,600		$63,400	NA	
STP-A	W. Vliet St N. 12th St. to N. 27th						
	Preliminary Engineering	$450,000	$360,000		$90,000	NA	
	SUBTOTAL (STP-A)	**$7,385,300**	**$5,868,200**	**$105,000**	**$1,412,100**		
	LOCAL SYSTEM BRIDGE PROJECTS:						
STP-BR	W. Villard Ave. Bridge Over Lincoln Creek						
	Construction	$130,000	$104,000		$26,000	LOW	
STP-BR	W. North Ave. Bridge Over CPRR						
	Construction	$230,000	$184,000		$46,000	Complex	Coordination with the RR
	SUBTOTAL (STP-BR)	**$360,000**	**$288,000**	**$0**	**$72,000**		
	COUNTY JURISDICTIONAL PROJECT:						
	SUBTOTAL (CO)	**$0**	**$0**	**$0**	**$0**		

MAJOR STREET IMPROVEMENTS
2016 BUDGET SUMMARY

3/18/2012

TYPE	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
	LOCAL JURISDICTIONAL PROJECTS:						
STP-A	S. 16th St. W. Oklahoma Ave to W. Lincoln Ave.						
	Construction	$2,400,000	$1,920,000	$50,000	$430,000	LOW	
	Traffic Control	$80,000	$64,000		$16,000		
	Lighting Conduit						
STP-A	N. 27th St. W. Hopkins St. W. Capitol Dr.						
	Preliminary Engineering	$200,000	$160,000		$40,000	NA	
STP-A	S. 60th St. W. Oklahoma Ave. to W. Kinnikinic						
	Preliminary Engineering	$355,000	$284,000		$71,000	NA	
STP-A	W. Burleigh St. N. 35th St to N. Sherman Blvd						
	Preliminary Engineering	$180,000	$144,000		$36,000	NA	
STP-A	W. Greenfield Ave. S. Cesar Chavez Dr to S. 35th St.						
	Preliminary Engineering	$500,000	$400,000		$100,000	NA	
STP-A	N. Hopkins St. W. Congress St. to W. Villard Ave.						
	Construction	$2,500,000	$2,000,000	$50,000	$450,000	LOW	
	Traffic Control	$50,000	$40,000		$10,000		
	Lighting Conduit						
STP-A	W. Howard Ave. S. Clement Ave. to S. Howell Ave.						
	Preliminary Engineering	$390,000	$312,000		$78,000	NA	
STP-A	W. Howard Ave. S. 76th St to S. 84th St.						
	Preliminary Engineering	$170,000	$136,000		$34,000	NA	
STP-A	N. Humboldt Blvd E. North Ave. to E. Locust St						
	Construction	$1,900,000	$1,520,000	$40,000	$340,000	LOW	
	Traffic Control	$240,000	$192,000		$48,000		
	Lighting Conduit	$50,000			$50,000		
STP-A	N. Humboldt Blvd E. Locust to E. Keefe Ave						
	Preliminary Engineering	$330,000	$264,000		$66,000	NA	
STP-A	W. Lakefield Dr. W. Morgan Ave. to S. 35th St.						
	Preliminary Engineering	$280,000	$224,000		$56,000	NA	
STP-A	W. Lisbon Ave. N. 92nd St. to N. 100th St						
	Preliminary Engineering	$430,000	$344,000		$86,000	NA	
STP-A	S. Muskego Ave. W. Forest Home to W. Greenfield Ave.						
	Preliminary Engineering	$450,000	$360,000		$90,000	NA	

MAJOR STREET IMPROVEMENTS
2016 BUDGET SUMMARY

3/18/2012

TYPE	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
STP-A	N. Teutonia Ave. W. North Ave. to W. Center St.						
	Preliminary Engineering	$200,000	$160,000		$40,000	NA	
STP-A	W. Vliet Street N. 12th Street to N. 27th Street						
	Construction	$2,600,000	$2,080,000	$55,000	$465,000	LOW	
	Traffic Control	$366,000	$292,600		$73,400		
	Lighting Conduit						
STP-A	N. Teutonia Ave. Burleigh St. to Capitol Dr.						
	Construction	$2,800,000	$2,240,000	$60,000	$500,000		
	Traffic Construction	$140,000	$112,000		$28,000	LOW	
	Lighting Conduit						
	SUBTOTAL (STP-A)	**$16,611,000**	**$13,248,600**	**$255,000**	**$3,107,400**		
	LOCAL SYSTEM BRIDGE PROJECTS:						
STP-BR	Local System Bridge Program Various Locations						
	Preliminary Engineering	$150,000	$120,000		$30,000		
	SUBTOTAL (STP-BR)	**$150,000**	**$120,000**	**$0**	**$30,000**		
	COUNTY JURISDICTIONAL PROJECT:						
	SUBTOTAL (CO)	**$0**	**$0**	**$0**	**$0**		
	STATE JURISDICTION PROJECTS:						
STP-CH	W. Highland Ave. (USH 18) N. 27th St. to N. 12th St.						
	Construction	$3,740,000	$3,560,100	$25,000	$154,900		
	Traffic Control	$200,000	$200,000			NA	
	Street Lighting						
STP-CH	W. Broadway St. (STH32) East St. Paul Ave. to East State St.						
	Preliminary Engineering	$170,000	$136,000		$34,000	NA	
STP-CH	W. FDL Ave. N. 60th St. to N.68th St.						
	Construction	$5,290,200	$5,018,000	$95,000	$177,200		
	Traffic Control	$80,000	$64,000		$16,000	Complex	AIRPORT DEVELOPMENT
	Lighting Conduit						
	Street Lighting	$302,000	$302,000				
	SUBTOTAL (STP-CH)	**$9,782,200**	**$9,280,100**	**$120,000**	**$382,100**		
	OTHER PROJECTS:						
CMAQ	Congestion Mitigation &Air Quality Various Locations						
	Preliminary Engineering	$500,000	$400,000		$100,000		
HSIP	Miscellaneous Safety Improvem						
	Preliminary Engineering	$30,000	$27,000		$3,000		
	Construction	$200,000	$180,000		$20,000		
LRIP	Local Roads Improvement Program Various Locations						
	Construction	$2,135,000	$1,068,000	$533,500	$533,500		

MAJOR STREET IMPROVEMENTS
2016 BUDGET SUMMARY

3/18/2012

TYPE	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
	Pavement Management System	$150,000			$150,000		
	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	**$7,815,000**	**$4,875,000**	**$533,500**	**$2,406,500**		
YEARLY TOTAL		**$34,358,200**	**$27,523,700**	**$908,500**	**$5,926,000**		

MAJOR STREET IMPROVEMENTS
2017 BUDGET SUMMARY

3/18/2012

TYPE	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
	LOCAL JURISDICTIONAL PROJECTS:						
STP-A	S. 60th Oklahoma Ave. to W. Forest Home Ave						
	Preliminary Engineering	$502,000	$401,600		$100,400	NA	
STP-A	N. 68th St. W. Capitol Dr. to W Hampton Ave.						
	Construction	$2,135,000	$1,708,000	$45,000	$382,000	LOW	
	Traffic Control	$50,000	$40,000		$10,000		
	Lighting Conduit						
STP-A	S. 68th St. W. Howard Ave. to W. Morgan Ave.						
	Preliminary Engineering	$300,000	$240,000		$60,000	NA	
STP_A	N. 91st (N. Swan RD) W. Mill Road to W. Good Hope Rd.						
	Construction	$2,600,000	$2,080,000	$55,000	$465,000	Complex	
	Traffic Control	$95,000	$76,000		$19,000		
	Lighting Conduit						
STP-A	S. 20th St. W. College Ave. to W. Grange Ave.						
	Construction	$3,070,000	$2,456,000	$60,400	$553,600	LOW	
	Traffic control	$60,000	$48,000		$12,000		
	Lighting Conduit						
STP-A	W. Morgan Ave. W. Forest Home Ave. to S. 68th St.						
	Preliminary Engineering	$370,000	$296,000		$74,000	NA	
STP-A	S. 68th St. W. Morgan Ave. to W. Cleveland Ave.						
	Preliminary Engineering	$300,000	$240,000		$60,000	NA	
STP-A	N. Humboldt Blvd E. Locust St. to E. Keefe Ave						
	Construction	$2,000,000	$1,600,000	$40,000	$360,000	LOW	
	Traffic Control	$50,000	$40,000		$10,000		
	Lighting Conduit	$20,000			$20,000		
STP-A	N. 27th St. W. Hopkins St. to W. Capitol Dr.						
	Construction	$1,007,000	$805,600	$20,000	$181,400	LOW	
	Traffic Control						
	Lighting Conduit	$100,000			$100,000		
STP-A	E. Howard Ave. to S. Clement Ave to S. Howell Ave.						
	Construction	$2,500,000	$2,000,000	$50,000	$450,000	LOW	
	Traffic Control	$175,000	$140,000		$35,000		
	Lighting Conduit						

MAJOR STREET IMPROVEMENTS
2017 BUDGET SUMMARY

3/18/2012

TYPE	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
STP-A	W. Morgan Forest Home Ave. to S. 68th St.						
	Construction	$2,000,000	$1,600,000	$40,000	$360,000		
	Traffic Control	$90,000	$72,000		$18,000	LOW	
	Lighting Conduit	$75,000			$75,000		
STP-A	W. Lisbon Ave. N. 92nd St to N. 100th						
	Construction	$2,355,000	$1,884,000	$50,000	$421,000	LOW	
	Traffic Control						
	Lighting Conduit	$20,000			$20,000		
STP-A	W. Oklahoma S. 49th St to S. 60th ST						
	Construction	$2,200,000	$1,760,000	$45,000	$395,000	LOW	
	Traffic Control	$130,000	$117,000		$13,000		
	Lighting Conduit						
STP-A	W. Rooselvelt Ave. W. Fond du Lac to N. 60th St.						
	Construction	$3,010,500	$2,408,400	$60,000	$542,100	LOW	
	Traffic Control	$150,000	$120,000		$30,000		
	Lighting Conduit						
STP-A	N. Teutonia Ave. W. Center St. to Burleigh St.						
	Construction	$1,310,000	$1,048,000	$30,000	$232,000	LOW	
	Traffic Construction	$212,000	$169,600		$42,400		
	Lighting Conduit						
STP-A	N. 91st St.(Swan Rd) W. Brown Deer Rd to W. County Line Rd						
	Preliminary Engineering	$200,000	$160,000		$40,000	NA	
STP-A	N. 124th St. pt North of W. Brown Deer Rd. to W. Fairy Chasm						
	Preliminary Engineering	$300,000	$240,000		$60,000	NA	
	SUBTOTAL (STP-A)	**$27,386,500**	**$21,750,200**	**$495,400**	**$5,140,900**		

MAJOR STREET IMPROVEMENTS
2017 BUDGET SUMMARY

3/18/2012

TYPE	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
	LOCAL SYSTEM BRIDGE PROJECTS:						
STP-BR	Local System Bridge Program Various Locations Preliminary Engineering	$150,000	$120,000		$30,000		
	SUBTOTAL (STP-BR)	**$150,000**	**$120,000**	**$0**	**$30,000**		
	COUNTY JURISDICTIONAL PROJECT:						
	SUBTOTAL (CO)	**$0**	**$0**	**$0**	**$0**		
	STATE JURISDICTION PROJECTS:						
STP_CH	W. State St.(USH18) N. 12th St. to Old World Third Preliminary Engineering	$150,000	$120,000		$30,000	NA	
STP-CH	Glenview Ave(STH 181) Dana Ct. to Blue Mound Rd Preliminary Engineering	$320,000	$240,000		$80,000		
STP-CH	E. Wells (USH 18) N. 6th St. to N. Prospect Ave. Construction	$5,800,000	$5,481,000	$40,000	$279,000	NA	
	Traffic Control	$500,000	$400,000		$100,000		
	Lighting Conduit						
STP-CH	S. Chase Ave. W. Lincoln Ave. to E. Olkahoma Ave Construction	$3,810,000	$3,048,000	$80,000	$682,000	Low	
	Traffic Controll						
	Lighting Conduit	$75,000			$75,000		
	SUBTOTAL (STP-CH)	**$6,620,000**	**$6,121,000**	**$40,000**	**$459,000**		
	OTHER PROJECTS:						
STP_S	Various Safety Projects Various Locations Preliminary Engineering	$100,000	$90,000		$10,000		
	Construction	$500,000	$450,000		$50,000		
SMIP	Various Statewide Multi-Model Improvements Program Projects Various Locations Preliminary Engineering	$100,000	$90,000		$10,000		
	Construction	$500,000	$400,000		$100,000		
	Pavement Management System	$150,000			$150,000		
	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	**$4,950,000**	**$3,200,000**	**$0**	**$1,750,000**		
	YEARLY TOTAL	**$39,106,500**	**$31,191,200**	**$535,400**	**$7,379,900**		

MAJOR STREET IMPROVEMENTS
2018 BUDGET SUMMARY

3/18/2012

TYPE	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
	LOCAL JURISDICTIONAL PROJECTS:						
STP-A	S. 60th St. W. Oklahoma Ave. to W. Forest Home Ave.						
	Construction	$2,800,000	$2,240,000	$60,000	$500,000		
	Traffic Control	$50,000	$40,000		$10,000		
	Water Services	$20,000			$20,000	LOW	
	Lighting Conduit						
STP-A	S. 60th St. W. Oklahoma Ave. to W. KK River Prkwy						
	Construction	$2,000,000	$1,600,000	$40,000	$360,000	LOW	
	Traffic Control	$150,000	$120,000		$30,000		
	Lighing Conduit						
STP-A	S. 68th St. W. Howard to W. Morgan Ave.						
	Construction	$1,600,000	$1,280,000	$35,000	$285,000	LOW	
	Traffic Control	$100,000	$80,000		$20,000		
	Lighting Conduit						
STP-A	N. Humboldt Blvd E. Locust St. to E. Keefe Ave						
	Construction	$2,000,000	$1,600,000	$40,000	$360,000	LOW	
	Traffic Control	$50,000	$40,000		$10,000		
	Lighting Conduit	$20,000			$20,000		
STP-A	S. 68th St. W. Morgan Ave to W. Cleveland Ave.						
	Construction	$1,700,000	$1,360,000	$35,000	$305,000	LOW	
	Traffic Control	$50,000	$40,000		$10,000		
	Lighting Conduit	$60,000	$48,000		$12,000		
STP-A	W. Burleigh St. N. 35th St. to N. Sherman Blvd						
	Construction	$1,200,000	$960,000	$30,000	$210,000	LOW	
	Traffic Control	$100,000	$80,000		$20,000		
	Lighting conduit						
STP-A`	W. Burleigh St. N. 92nd St. to W. Lisbon Ave.						
	Construction	$4,700,000	$3,760,000	$95,000	$845,000	LOW	
	Traffic Control	$120,000	$96,000		$24,000		
	Lighting Conduit						
STP-A	W. Greenfeild Ave. S. Cesar Chavez Dr. to S. 35th St						
	Construction	$3,250,000	$2,600,000	$70,000	$580,000	LOW	
	Traffic Control	$190,000	$152,000		$38,000		
	Lighting Conduit						
STP-A	W. Forest Home Ave. S. 16th St. to W. Lincoln Ave.						
	Construction	$1,500,000	$1,200,000	$30,000	$270,000	LOW	
	Traffic Control	$262,000	$209,600		$52,400		
	Lighting Conduit						
STP-A	W. Howard Ave. S. 48th St. to S. 60th St.						
	Construction	$2,250,000	$1,800,000	$45,000	$405,000		
	Traffic Control	$168,000	$134,400		$33,600	LOW	
	Lighting Conduit						
STP-A	W. Howard Ave. S.76th St.to S. 84th St.						
	Construction	$1,000,000	$800,000	$40,000	$160,000	LOW	
	Traffic Control	$50,000	$40,000		$10,000		
	Lighting Conduit						

MAJOR STREET IMPROVEMENTS
2018 BUDGET SUMMARY

3/18/2012

TYPE	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
STP-A	W. Lisbon Ave. N. 92nd St to N. 100th						
	Construction	$2,355,000	$1,884,000	$50,000	$421,000	LOW	
	Traffic Control						
	Lighting Conduit	$20,000			$20,000		
STP-A	W. Morgan Forest Home Ave. to S. 68th St.						
	Construction	$2,000,000	$1,600,000	$40,000	$360,000		
	Traffic Control	$90,000	$72,000		$18,000	LOW	
	Lighting Conduit	$75,000			$75,000		
STP-A	S. Muskego Ave. W. Forest Home Ave. to W. Greenfield Ave.						
	Construction	$2,700,000	$2,160,000	$60,000	$480,000	LOW	
	Traffic Control	$140,000	$112,000		$28,000		
	Lighting Conduit						
STP-A	W. State St. N. 27th St. To N. 35th St.						
	Construction	$1,000,000	$800,000	$20,000	$180,000	COMPLEX	CHANGE IN TRAFFIC
	Traffic Control	$50,000	$40,000		$10,000		LOW
	Lighting Conduit						
STP-A	N. Teutonia Ave. W. North Ave. to W. Center St.						
	Construciton	$1,300,000	$1,040,000	$30,000	$230,000	LOW	
	Traffic Control	$130,000	$104,000		$26,000		
	Lighting Conduit						
STP-A	N. 91st St(N. Swan Rd)W. Brown Deer Rd to W. County Line Rd						
	Construction	$1,300,000	$1,040,000	$30,000	$230,000	LOW	
	Traffic Control						
	Ligthing Conduit	$60,000			$60,000		
STP-A	N. 124th St. Pt North of W. Brown Deer Rd to W. Fairy Chasm(extd)						
	Construction	$1,500,000	$1,200,000	$30,000	$270,000	LOW	
	Traffic Control	$25,000	$20,000		$5,000		
	Lighting Conduit						
	SUBTOTAL (STP-A)	**$31,415,000**	**$24,992,000**	**$645,000**	**$5,778,000**		
	LOCAL SYSTEM BRIDGE PROJECTS:						
STP-BR	Local System Bridge Program Various Locations						
	Preliminary Engineering	$150,000	$120,000		$30,000		
	SUBTOTAL (STP-BR)	**$150,000**	**$120,000**	**$0**	**$30,000**		
	COUNTY JURISDICTIONAL PROJECT:						
	SUBTOTAL (CO)	**$0**	**$0**	**$0**	**$0**		

MAJOR STREET IMPROVEMENTS
2018 BUDGET SUMMARY

3/18/2012

TYPE	PROJECT	TOTAL PROJECT COSTS	GRANTOR'S COST	ASSESSABLE	NON-ASSESSABLE	RISK	JUSTIFICATION
	STATE JURISDICTION PROJECTS:						
STP-CH	W. State Street (USH 18)						
	N. 12th St. to Old World Third						
	Construction	$1,020,000	$816,000	$20,000	$184,000	LOW	
	Traffic Control	$30,000	$24,000		$6,000		
	Lighting Conduit						
STP-CH	W. Broadway St. (STH32)						
	East St. Paul to East State						
	Construction	$1,140,000	$912,000	$25,000	$203,000	LOW	
	Traffic Control	$40,000	$32,000		$8,000		
	Lighting Conduit						
STP-CH	W. Glenview Ave. Dana Ct. to						
	W. Blue Mound Rd.					Complex	
	Construction	$2,610,000	$2,088,000	$55,000	$467,000		
	Traffic Control	$80,000	$64,000		$16,000		
	Lighting Conduit						
	SUBTOTAL (STP-CH)	**$2,230,000**	**$1,784,000**	**$45,000**	**$401,000**		
STATE	US 41 (Stadium Freeway)						
	IH 94 to Lisbon Ave.						
	Construction	**$12,000,000**	**$11,995,000**		**$5,000**	LOW	
	SUBTOTAL (STATE)	**$12,000,000**	**$11,995,000**	**$0**	**$5,000**		
	OTHER PROJECTS:						
STP_S	Various Safety Projects						
	Various Locations						
	Preliminary Engineering	$100,000	$90,000		$10,000		
	Construction	$500,000	$450,000		$50,000		
SMIP	Various Statewide Multi-Model						
	Improvements Program Projects						
	Various Locations						
	Preliminary Engineering	$100,000	$90,000		$10,000		
	Construction	$500,000	$400,000		$100,000		
	Pavement Management System	$150,000			$150,000		
	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	**$4,950,000**	**$3,200,000**	**$0**	**$1,750,000**		
	YEARLY TOTAL	**$50,745,000**	**$42,091,000**	**$690,000**	**$7,964,000**		

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: New Street Program **Requesting Department:** [redacted]

Prepared By/Phone Ext: M. Dziewiontkoski -2460 **Department Head Signature:** _____

ount No: ST210130000

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 ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

This program provides for the construction of presently unimproved streets to serve residential, commercial or industrial areas. 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 requests for new streets. If a request is made, these funds will be used for the project.

BMD

Capital Improvement Request Part II

Requesting Department: Department of Public Works

Project/Program Title: New Street Construction **Account No:** ST210130000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$250,000			$150,000		$400,000
2013 Budget Request	$0			$0		$0
2014 Projection	$200,000			$150,000		$350,000
2015 Projection	$200,000			$150,000		$350,000
2016 Projection	$200,000			$150,000		$350,000
2017 Projection	$200,000			$150,000		$350,000
2018 Projection	$200,000			$150,000		$350,000
Total Six Year Cost	$1,000,000	$0	$0	$750,000	$0	$1,750,000
Total Project Cost	$1,250,000	$0	$0	$900,000	$0	$2,150,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: _____

Estimated Completion Date: _____

Department Head Signature _____

Prepared By/Phone Ext _____

CIC - Capital Improvement Request Part III

Department:	Department of Public Works - Infrastructure - Transportation	Date Submitted:	3/13/2012
Project/Program:	New Street construction		
Prepared By:	M. Dziewiontkoski	Current Request:	$0
Dept Head:	Jeffrey Polenske	6 Yr Total:	$1,750,000

General Project/Program Description:
This program is for constructing new streets for commercial or residential 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 **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 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:

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

Project/Program: New Street 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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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 or does it target one demographic?
	x			Is one population affected positively and another negatively?
	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:

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
	x			How does the request effect the pertinent replacement cycle ? Provide specifics below.
	x		no street exists	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? (See Below)
	x			Have you documented costs 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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Street resurface/reconstruction **Requesting Department:** Department of Public Works

Prepared By/Phone Ext: Mary Dziewiontkoski -2460 March 8 **Department Head Signature:** _____

Account No: ST211130000

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 ☑ 2011-2016 ☑ 2012-2017 ☐ 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**

Based on a recent audit by the Comptrollers office, up to 200 miles of local streets are beyond their intended life spans. 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 16 million in expenditure on rehabilitation should be sufficient to meet this goal. For future years, two percent inflation was added to the construction costs. The Vehicle Regisration 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 $1.4 million for maintenace operations such as sealing, crackfilling and overlays of streets.

BMD J

Capital Improvement Request Part II

Requesting Department: Department of Public Works

Project/Program Title: Street resurface/reconstruction **Account No:** ST211130000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012				$200,000		$200,000
2013 Budget Request	$15,000,000			$1,000,000		$16,000,000
2014 Projection	$13,800,000			$1,200,000		$15,000,000
2015 Projection	$15,800,000			$1,200,000		$17,000,000
2016 Projection	$14,400,000			$1,200,000		$15,600,000
2017 Projection	$16,700,000			$1,300,000		$18,000,000
2018 Projection	$15,000,000			$1,300,000		$16,300,000
Total Six Year Cost	$90,700,000	$0	$0	$7,200,000	$0	$97,900,000
Total Project Cost	$90,700,000	$0	$0	$7,400,000	$0	$98,100,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: on going

Estimated Completion Date:

Department Head Signature Glenn Kuhn

Prepared By/Phone Ext M. Dziewionitkoski -2460

CIC - Capital Improvement Request Part III

Department:	Department of Public Works-Infrastructure - Transportation	Date Submitted:	3/13/2012
Project/Program:	Street Resurface/reconstruction		
Prepared By:	M. Dziewiontkoski -2460	Current Request:	$16,000,000
Dept Head:	J. Polenske	6 Yr Total:	$97,900,000

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			Less pothole damage	Does the project **directly reduce risks** to people or property?
x			same	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?**
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: 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:

We have noted in the past that when a street is rehabbed, the overall condition of the area does improve.

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**
				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:

2012 Service Life Estimate

Existing pavements of Minor Arterial streets :

Type:	Miles	% of total	Estimated life (years)	Replacement rate (miles/yr)*	Replacement pavement	Cost per mile	Amount needed per year
Composite (asphalt over concrete):	57.7	26%	30	1.92	reconstruct(80%)	$ 2,200,000	$ 4,231,333
Flexible (asphalt over concrete):	75.7	34%	30	2.52	asphalt (20%)	$ 1,600,000	$ 4,037,333
Rigid (concrete)	89.8	40%	55	1.63	asphalt	$ 1,600,000	$ 2,612,364
Totals	223.2	100%		**6.08**			**$ 10,881,030**

* = number of miles/assumed life

Replacement cycle 36.71

Existing pavements of Principal Arterial streets :

Type:	Miles	% of total	Estimated life (years)	Replacement rate (miles/yr)*	Replacement pavement	Cost per mile	Amount needed per year
Composite (asphalt over concrete):	21.9	35%	30	0.73	concrete (70%)	$ 2,700,000	$ 1,971,000
Composite (asphalt over concrete):	17.3	28%	30	0.58	asphalt (30%)	$ 2,000,000	$ 1,153,333
Rigid (concrete)	23.3	37%	55	0.42	asphalt	$ 2,000,000	$ 847,273
Totals	62.5	100%		**1.73**			**$ 3,971,606**

Total Minor and Principal Arterials — Replacement cycle 36.12 — $ 14,852,636

* = number of miles/assumed life

Rounded $ 15,000,000
Advan. planning $ 800,000

total need $ 15,800,000

2012 Capitol Request

weighted cost per mile (locals)= $ 1,600,000.00
weighted cost per mile (collectors)= $ 2,200,000.00

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Alley Reconstruction **Requesting Department:** Department of Public Works

Prepared By/Phone Ext: M. Dziewiontkoski 3/8/2012 **Department Head Signature:** [signature]

Account No: ST212130000

A) **Department Priority** ____ of ____ **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** _____ **Total FTEs** _____

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

_____ _____ _____ $ _____

_____ _____ _____ $ _____

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☑ 2012-2017 ☐ 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 Vehicle Registration Fee, approved in 2008, lowered the recovery from 90% to 60% of the costs. In addition, for the 2012 program, the recovery rate was reduced to 30% and $3.0M was put in the program to work on the backlog of alleys that had been deleted through the public hearing process. Thirty alleys have been identified to utilize the additional funds and 90% pf the alleys have been approved for construction. 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 2002-2011 based on the funds budgeted for the alley program, an average of 1.5 miles of alleys have been replaced per year. The alley system is comprised of approximately 400 miles of alleys. Based on this data, we had a replacement cycle of nearly 600 years. In 2011 only 7 alleys were able to be constructed based on the available funding. The 2012 allocation of $3.0M will construct approximately 4 miles of alleys, which could reduce the replacement cycle to 100 years.

BMD J

Capital Improvement Request Part II

Requesting Department: Department of Public Works

Project/Program Title: Alley reconstruction (at 60% recovery rate) **Account No:** ST212130000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012				$150,000		$150,000
2013 Budget Request	$1,950,000			$1,050,000		$3,000,000
2014 Projection	$2,100,000			$1,400,000		$3,500,000
2015 Projection	$2,100,000			$1,400,000		$3,500,000
2016 Projection	$2,100,000			$1,400,000		$3,500,000
2017 Projection	$2,100,000			$1,400,000		$3,500,000
2018 Projection	$2,100,000			$1,400,000		$3,500,000
Total Six Year Cost	$12,450,000	$0	$0	$8,050,000	$0	$20,500,000
Total Project Cost	$12,450,000	$0	$0	$8,200,000	$0	$20,650,000

Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: on going program

Estimated Completion Date:

Department Head Signature

Prepared By/Phone Ext

CIC - Capital Improvement Request Part III

Department:	Department of Public Works	Date Submitted:	3/12/2012
Project/Program:	Alley Reconstruction		
Prepared By:	M. Dziewiontkoski -2460	Current Request:	$3,000,000
Dept Head:		6 Yr Total:	$20,500,000

General Project/Program Description:
This program is for 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 vehicles	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: 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*
			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?
				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?

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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: SIDEWALK REPLACEMENT PROGRAM **Requesting Department:** DPW-INFRASTRUCTURE

Prepared By/Phone Ext: Dale Mejjaki x3437 **Department Head Signature:** _____

Account No: ST230130000

A) **Department Priority** _____ of _____ **Useful Life** 60 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 ☑ 2011-2016 ☑ 2012-2017 ☐ 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 a existing program for the replacement of defective sidewalk throughout the City. It's purpose is 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 repair" (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 300-350,000 square feet of sidewalk. Project scope include sidewalk, curb and gutter and handicap ramp replacements by contract and at scattered sites.

BMD-[illegible]J

Capital Improvement Request Part II

Requesting Department: DPW / INFRASTRUCTURE

Project/Program Title: SIDEWALK REPLACEMENT PROGRAM **Account No:** ST230130000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$1,200,000			$400,000		$1,600,000
2014 Projection	$1,275,000			$425,000		$1,700,000
2015 Projection	$1,350,000			$450,000		$1,800,000
2016 Projection	$1,425,000			$475,000		$1,900,000
2017 Projection	$1,500,000			$500,000		$2,000,000
2018 Projection	$1,575,000			$525,000		$2,100,000
Total Six Year Cost	$8,325,000	$0	$0	$2,775,000	$0	$11,100,000
Total Project Cost	$8,325,000	$0	$0	$2,775,000	$0	$11,100,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 04/01/13

Estimated Completion Date: 12/31/13

Department Head Signature [signature]

Prepared By/Phone Ext Dale Mejaki x3437

CIC - Capital Improvement Request Part III

Department:	DPW / INFRASTRUCTURE	Date Submitted:	3/23/2012
Project/Program:	SIDEWALK REPLACEMENT PROGRAM		
Prepared By:	Dale Mejaki	Current Request:	$1,600,000
Dept Head:	Jeff Polenske	6 Yr Total:	$11,100,000

General Project/Program Description:

Program funds the replacement of deteriorated sidewalks throughout the City in specific geographical areas and 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:

Reduces the City's liability for damages due to injuries and litigation.

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			$400,000	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 costs are assessable to the property owner

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

Project/Program: SIDEWALK REPLACEMENT 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:

Minimum annual replacement levels are required to maintain acceptable replacement cycles.

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:

Infrastructure improvements support and sustain adjacent neighborhoods and encourage development. Construction related jobs will be maintained.

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:

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Developer New Streets **Requesting Department:** Department of Public Works

Prepared By/Phone Ext: M. Dziewiontkoski -2460 **Department Head Signature:** [signature]

Account No: ST214130000

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 ☐ 2011-2016 ☐ 2012-2017 ☐ 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**

BMD- J

Capital Improvement Request Part II

Requesting Department: Department of Public Works

Project/Program Title: Developer New Streets **Account No:** ST214130000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$0		$400,000			$400,000
2014 Projection	$0		$400,000			$400,000
2015 Projection	$0		$400,000			$400,000
2016 Projection	$0		$400,000			$400,000
2017 Projection	$0		$400,000			$400,000
2018 Projection	$0		$400,000			$400,000
Total Six Year Cost	$0	$0	$2,400,000	$0	$0	$2,400,000
Total Project Cost	$0	$0	$2,400,000	$0	$0	$2,400,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: on going

Estimated Completion Date:

Department Head Signature Glenn Kuhn

Prepared By/Phone Ext M. Dziewiontkoski -2460

CIC - Capital Improvement Request Part III

Department:	Department of Public Works - Infrastructure - Transportation	Date Submitted:	3/13/2012
Project/Program:	Developer finananced new street projects		
Prepared By:	M. Dziewiontkoski	Current Request:	$400,000
Dept Head:	Jeffrey Polenske	6 Yr Total:	$2,400,000

General Project/Program Description:
This program is for constructing new streets for commercial or residential properties using funds deposited by a developer.

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 **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 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:

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

Project/Program: Developer 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 - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD 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 or does it target one demographic?
	x			Is one population affected positively and another negatively?
	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:

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
	x			How does the request effect the pertinent replacement cycle ? Provide specifics below.
	x		no street exists	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? (See Below)
	x			Have you documented costs 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:

BMD-100

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:
Account No: ST240130000

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 ☐ 2011-2016 ☐ 2012-2017 ☑ 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 age of equipment with respect to average useful service 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 and 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 a sense of safety and securiy for business 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.

BMD J

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure Services

Project/Program Title: Street Lighting Program **Account No:** ST240120000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$9,700,000					$9,700,000
2014 Projection	$10,050,000					$10,050,000
2015 Projection	$10,200,000					$10,200,000
2016 Projection	$10,200,000					$10,200,000
2017 Projection	$9,800,000					$9,800,000
2018 Projection	$10,300,000					$10,300,000
Total Six Year Cost	$60,250,000	$0	$0	$0	$0	$60,250,000
Total Project Cost	$60,250,000	$0	$0	$0	$0	$60,250,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/01/13

Estimated Completion Date: 12/31/13

Department Head Signature

Prepared By/Phone Ext

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure Services	Date Submitted:	3/7/2012
Project/Program:	Street Lighting Program		
Prepared By:	Robert W. Bryson	Current Request:	$9,700,000
Dept Head:	Ghassan Korban	6 Yr Total:	$60,250,000

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 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:

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** - *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:

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 and

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
			No Change	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			$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	2013 Fringe Benefits	Total	Cumulative
A.	Paving Program				
1	Improvements Related to Paving	$3,740,000	$760,000	$4,500,000	
	Subtotal, Section A	$3,740,000	$760,000	$4,500,000	$4,500,000
B.	Street Lighting Substations				
1	Substation Repair and Enclosure Maint.	$83,000	$17,000	$100,000	
2	Street Lighting Control Circuit Replacement	$1,250,000	$0	$1,250,000	
	Subtotal, Section B	$1,333,000	$17,000	$1,350,000	$5,850,000
C.	Neighborhood Lighting Program				
1	Upgrade Street and Alley Lighting	$125,000	$25,000	$150,000	
2	Excavation Repairs	$165,000	$35,000	$200,000	
3	Remove Series Circuitry	$830,000	$170,000	$1,000,000	
4	Pole, Cable and Misc. Equipment Upgrades	$335,000	$65,000	$400,000	
5	Corroded Steel Pole Replacement	$415,000	$85,000	$500,000	
6	Uncollectable Pole Knockdown Repair	$415,000	$85,000	$500,000	
	Subtotal, Section C	$2,285,000	$465,000	$2,750,000	$8,600,000
D.	Engineering				
1	Street Lighting Engineering	$575,000	$275,000	$850,000	
2	Electrical Facilities Digitizing Project	$170,000	$80,000	$250,000	
	Subtotal, Section E	$745,000	$355,000	$1,100,000	$9,700,000
	Total	$8,103,000	$1,597,000	$9,700,000	$9,700,000

March 7, 2012

Six Year
Capital Improvement Program

Street Lighting

Sec.	Project Description	Labor, Wages and Materials	2014 Fringe Benefits	Total	Cumulative
A.	Paving Program				
1	Improvements Related to Paving	$3,950,000	$800,000	$4,750,000	
	Subtotal, Section A	$3,950,000	$800,000	$4,750,000	$4,750,000
B.	Street Lighting Substations				
1	Substation Repair and Enclosure Maint.	$83,000	$17,000	$100,000	
2	Street Lighting Control Circuit Replacement	$1,250,000	$0	$1,250,000	
	Subtotal, Section B	$1,333,000	$17,000	$1,350,000	$6,100,000
C.	Neighborhood Lighting Program				
1	Upgrade Street and Alley Lighting	$140,000	$30,000	$170,000	
2	Excavation Repairs	$175,000	$35,000	$210,000	
3	Remove Series Circuitry	$830,000	$170,000	$1,000,000	
4	Pole, Cable and Misc. Equipment Upgrades	$335,000	$65,000	$400,000	
5	Corroded Steel Pole Replacement	$415,000	$85,000	$500,000	
6	Uncollectable Pole Knockdown Repair	$430,000	$90,000	$520,000	
	Subtotal, Section C	$2,325,000	$475,000	$2,800,000	$8,900,000
D.	Engineering				
1	Street Lighting Engineering	$610,000	$290,000	$900,000	
2	Electrical Facilities Digitizing Project	$170,000	$80,000	$250,000	
	Subtotal, Section E	$780,000	$370,000	$1,150,000	$10,050,000
	Total	$8,388,000	$1,662,000	$10,050,000	$10,050,000

March 7, 2012

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	$4,150,000	$850,000	$5,000,000	
	Subtotal, Section A	$4,150,000	$850,000	$5,000,000	$5,000,000
B.	Street Lighting Substations				
1	Substation Repair and Enclosure Maint.	$90,000	$20,000	$110,000	
2	Street Lighting Control Circuit Replacement	$1,250,000	$0	$1,250,000	
	Subtotal, Section B	$1,340,000	$20,000	$1,360,000	$6,360,000
C.	Neighborhood Lighting Program				
1	Upgrade Street and Alley Lighting	$160,000	$30,000	$190,000	
2	Excavation Repairs	$185,000	$40,000	$225,000	
3	Remove Series Circuitry	$830,000	$170,000	$1,000,000	
4	Pole, Cable and Misc. Equipment Upgrades	$350,000	$75,000	$425,000	
5	Corroded Steel Pole Replacement	$165,000	$35,000	$500,000	
6	Uncollectable Pole Knockdown Repair	$455,000	$95,000	$550,000	
	Subtotal, Section C	$2,145,000	$445,000	$2,890,000	$9,250,000
D.	Engineering				
1	Street Lighting Engineering	$640,000	$310,000	$950,000	
2	Electrical Facilities Digitizing Project	$0	$0	$0	
	Subtotal, Section E	$640,000	$310,000	$950,000	$10,200,000
	Total	$8,275,000	$1,625,000	$9,900,000	$10,200,000

March 7, 2012

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	$4,360,000	$890,000	$5,250,000	
	Subtotal, Section A	$4,360,000	$890,000	$5,250,000	$5,250,000
B.	Street Lighting Substations				
1	Substation Repair and Enclosure Maint.	$100,000	$20,000	$120,000	
2	Street Lighting Control Circuit Replacement	$850,000	$0	$850,000	
	Subtotal, Section B	$950,000	$20,000	$970,000	$6,220,000
C.	Neighborhood Lighting Program				
1	Upgrade Street and Alley Lighting	$165,000	$35,000	$200,000	
2	Excavation Repairs	$205,000	$45,000	$250,000	
3	Remove Series Circuitry	$830,000	$170,000	$1,000,000	
4	Pole, Cable and Misc. Equipment Upgrades	$375,000	$75,000	$450,000	
5	Corroded Steel Pole Replacement	$415,000	$85,000	$500,000	
6	Uncollectable Pole Knockdown Repair	$480,000	$100,000	$580,000	
	Subtotal, Section C	$2,470,000	$510,000	$2,980,000	$9,200,000
D.	Engineering				
1	Street Lighting Engineering	$675,000	$325,000	$1,000,000	
2	Electrical Facilities Digitizing Project	$0	$0	$0	
	Subtotal, Section E	$675,000	$325,000	$1,000,000	$10,200,000
	Total	$8,455,000	$1,745,000	$10,200,000	$10,200,000

March 7, 2012

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	$4,600,000	$950,000	$5,550,000	
	Subtotal, Section A	$4,600,000	$950,000	$5,550,000	$5,550,000
B.	Street Lighting Substations				
1	Substation Repair and Enclosure Maint.	$105,000	$20,000	$125,000	
2	Street Lighting Control Circuit Replacement	$0	$0	$0	
	Subtotal, Section B	$105,000	$20,000	$125,000	$5,675,000
C.	Neighborhood Lighting Program				
1	Upgrade Street and Alley Lighting	$175,000	$35,000	$210,000	
2	Excavation Repairs	$220,000	$45,000	$265,000	
3	Remove Series Circuitry	$830,000	$170,000	$1,000,000	
4	Pole, Cable and Misc. Equipment Upgrades	$395,000	$80,000	$475,000	
5	Corroded Steel Pole Replacement	$415,000	$85,000	$500,000	
6	Uncollectable Pole Knockdown Repair	$500,000	$100,000	$600,000	
	Subtotal, Section C	$2,535,000	$515,000	$3,050,000	$8,725,000
D.	Engineering				
1	Street Lighting Engineering	$725,000	$350,000	$1,075,000	
2	Electrical Facilities Digitizing Project	$0	$0	$0	
	Subtotal, Section E	$725,000	$350,000	$1,075,000	$9,800,000
	Total	$7,965,000	$1,835,000	$9,800,000	$9,800,000

March 7, 2012

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	$4,860,000	$990,000	$5,850,000	
	Subtotal, Section A	$4,860,000	$990,000	$5,850,000	$5,850,000
B.	Street Lighting Substations				
1	Substation Repair and Enclosure Maint.	$108,000	$22,000	$130,000	
2	Street Lighting Control Circuit Replacement	$0	$0	$0	
	Subtotal, Section B	$108,000	$22,000	$130,000	$5,980,000
C.	Neighborhood Lighting Program				
1	Upgrade Street and Alley Lighting	$185,000	$35,000	$220,000	
2	Excavation Repairs	$230,000	$50,000	$280,000	
3	Remove Series Circuitry	$830,000	$170,000	$1,000,000	
4	Pole, Cable and Misc. Equipment Upgrades	$415,000	$85,000	$500,000	
5	Corroded Steel Pole Replacement	$415,000	$85,000	$500,000	
6	Uncollectable Pole Knockdown Repair	$515,000	$105,000	$620,000	
	Subtotal, Section C	$2,590,000	$530,000	$3,120,000	$9,100,000
D.	Engineering				
1	Street Lighting Engineering	$810,000	$390,000	$1,200,000	
2	Electrical Facilities Digitizing Project	$0	$0	$0	
	Subtotal, Section E	$810,000	$390,000	$1,200,000	$10,300,000
	Total	$8,368,000	$1,932,000	$10,300,000	$10,300,000

March 7, 2012

BMD-100

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:** [signature]

ount No: ST220130000

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 ☐ 2011-2016 ☐ 2012-2017 ☑ 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, econonmical 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 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. In December, 2009, the Federal Highway Administration issued a final rule adopting the 2009 MUTCD. Changes incorporated in the MUTCD will require upgrades and improvements of some traffic control signs, signals and pavement marking systems in the City. These changes are reflected in this Capital Improvement Request.

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Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure Services

Project/Program Title: Traffic Control Facilities Program **Account No:** ST220130000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012	$0					$0
2013 Budget Request	$2,590,000					$2,590,000
2014 Projection	$2,650,000					$2,650,000
2015 Projection	$2,875,000					$2,875,000
2016 Projection	$2,820,000					$2,820,000
2017 Projection	$2,800,000					$2,800,000
2018 Projection	$2,850,000					$2,850,000
Total Six Year Cost	$16,585,000	$0	$0	$0	$0	$16,585,000
Total Project Cost	$16,585,000	$0	$0	$0	$0	$16,585,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: January 1, 2013

Estimated Completion Date: December 31, 2013

Department Head Signature [signature]

Prepared By/Phone Ext Robert W. Bryson, ext. 3244

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure Services	Date Submitted:	3/7/2012
Project/Program:	Traffic Control Facilities Program		
Prepared By:	Robert W. Bryson	Current Request:	$2,590,000
Dept Head:	Ghassan Korban	6 Yr Total:	$16,858,000

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-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:

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 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:

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 tarffic, and 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 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 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 facilities preservation programs**
				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?
				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:

With the adoption of the MUTCD by the Federal Highway Administration in December, 2009, several compliance dates have been established for facility upgrades. 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 these established compliance dates.

Six Year
Capital Improvement Program

Traffic Control

Sec.	Project Description	Labor, Wages and Materials	2013 Fringe Benefits	Total	Cumulative
A.	Traffic Signs				
	1 With Paving	$70,000	$15,000	$85,000	
	2 Non-Paving	$86,000	$19,000	$105,000	
	3 Overhead Yield to Pedestrian	$61,600	$13,400	$75,000	
	4 Regulatory Signing Upgrades	$254,500	$55,500	$310,000	
	5 Deteriorated Street Name Sign Replacement	$329,000	$71,000	$400,000	
	6 Minimum Retroreflectivity Upgrades	$172,500	$37,500	$210,000	
	Subtotal, Section A	$973,600	$211,400	$1,185,000	$1,185,000
B.	Traffic Signals				
	1 Reconstruction with Paving	$304,000	$66,000	$370,000	
	2 Miscellaneous Improvements	$201,000	$44,000	$245,000	
	3 New Signals (Two)	$65,700	$14,300	$80,000	
	4 Emergency Vehicle Pre-emption	$61,600	$13,400	$75,000	
	5 Audible Pedestrian Signals	$86,200	$18,800	$105,000	
	6 LED Signal Head Replacements	$0	$0	$0	
	Subtotal, Section B	$718,500	$156,500	$875,000	$2,060,000
C.	Other				
	1 Uncollectable Sign and Signal Knockdowns	$156,000	$34,000	$190,000	
	Subtotal, Section C	$156,000	$34,000	$190,000	$2,250,000
D.	Engineering				
	1 Engineering	$230,000	$110,000	$340,000	
	Subtotal, Section D	$230,000	$110,000	$340,000	$2,590,000
	Total	$2,078,100	$511,900	$2,590,000	$2,590,000

March 7, 2012

Six Year
Capital Improvement Program

Traffic Control

Sec.		Project Description	Labor, Wages and Materials	2014 Fringe Benefits	Total	Cumulative
		Traffic Signs				
A.	1	With Paving	$73,500	$16,500	$90,000	
	2	Non-Paving	$90,300	$19,700	$110,000	
	3	Overhead Yield to Pedestrian	$61,600	$13,400	$75,000	
	4	Regulatory Signing Upgrades	$254,500	$55,500	$310,000	
	5	Deteriorated Street Name Sign Replacement	$328,400	$71,600	$400,000	
	6	Minimum Retroreflectivity Upgrades	$172,400	$37,600	$210,000	
		Subtotal, Section A	$980,700	$214,300	$1,195,000	$1,195,000
		Traffic Signals				
B.	1	Reconstruction with Paving	$320,000	$70,000	$390,000	
	2	Miscellaneous Improvements	$213,500	$46,500	$260,000	
	3	New Signals (Two)	$65,700	$14,300	$80,000	
	4	Emergency Vehicle Pre-emption	$61,600	$13,400	$75,000	
	5	Audible Pedestrian Signals	$86,200	$18,800	$105,000	
	6	LED Signal Head Replacements	$0	$0	$0	
		Subtotal, Section B	$747,000	$163,000	$910,000	$2,105,000
		Other				
C.	1	Uncollectable Sign and Signal Knockdowns	$164,000	$36,000	$200,000	
		Subtotal, Section C	$164,000	$36,000	$200,000	$2,305,000
		Engineering				
D.	1	Engineering	$233,000	$112,000	$345,000	
		Subtotal, Section D	$233,000	$112,000	$345,000	$2,650,000
		Total	$2,124,700	$525,300	$2,650,000	$2,650,000

March 7, 2012

Six Year
Capital Improvement Program

Traffic Control

Sec.		Project Description	Labor, Wages and Materials	2015 Fringe Benefits	Total	Cumulative
	Traffic Signs					
A.	1	With Paving	$78,000	$17,000	$95,000	
	2	Non-Paving	$94,500	$20,500	$115,000	
	3	Overhead Yield to Pedestrian	$61,600	$13,400	$75,000	
	4	Regulatory Signing Upgrades	$82,000	$18,000	$100,000	
	5	Deteriorated Street Name Sign Replacement	$20,500	$4,500	$25,000	
	6	Minimum Retroreflectivity Upgrades	$172,400	$37,600	$210,000	
		Subtotal, Section A	$509,000	$111,000	$620,000	$620,000
	Traffic Signals					
B.	1	Reconstruction with Paving	$336,600	$73,400	$410,000	
	2	Miscellaneous Improvements	$225,500	$49,500	$275,000	
	3	New Signals (Two)	$131,300	$28,700	$160,000	
	4	Emergency Vehicle Pre-emption	$61,600	$13,400	$75,000	
	5	Audible Pedestrian Signals	$86,200	$18,800	$115,000	
	6	LED Signal Head Replacements	$615,000	$135,000	$750,000	
		Subtotal, Section B	$1,456,200	$318,800	$1,785,000	$2,405,000
	Other					
C.	1	Uncollectable Sign and Signal Knockdowns	$172,400	$37,600	$210,000	
		Subtotal, Section C	$172,400	$37,600	$210,000	$2,615,000
	Engineering					
D.	1	Engineering	$175,700	$84,300	$260,000	
		Subtotal, Section D	$175,700	$84,300	$260,000	$2,875,000
		Total	$2,313,300	$551,700	$2,875,000	$2,875,000

March 7, 2012

Six Year
Capital Improvement Program

Traffic Control

2016

Sec.		Project Description	Labor, Wages and Materials	Fringe Benefits	Total	Cumulative
		Traffic Signs				
A.	1	With Paving	$82,000	$18,000	$100,000	
	2	Non-Paving	$98,500	$21,500	$120,000	
	3	Overhead Yield to Pedestrian	$61,600	$13,400	$75,000	
	4	Regulatory Signing Upgrades	$42,700	$9,300	$52,000	
	5	Deteriorated Street Name Sign Replacement	$14,800	$3,200	$18,000	
	6	Minimum Retroreflectivity Upgrades	$143,700	$31,300	$175,000	
		Subtotal, Section A	$443,300	$96,700	$540,000	$540,000
		Traffic Signals				
B.	1	Reconstruction with Paving	$357,000	$78,000	$435,000	
	2	Miscellaneous Improvements	$230,000	$50,000	$280,000	
	3	New Signals (Two)	$131,300	$28,700	$160,000	
	4	Emergency Vehicle Pre-emption	$61,600	$13,400	$75,000	
	5	Audible Pedestrian Signals	$86,200	$18,800	$115,000	
	6	LED Signal Head Replacements	$615,000	$135,000	$750,000	
		Subtotal, Section B	$1,481,100	$323,900	$1,815,000	$2,355,000
		Other				
C.	1	Uncollectable Sign and Signal Knockdowns	$180,600	$39,400	$220,000	
		Subtotal, Section C	$180,600	$39,400	$220,000	$2,575,000
		Engineering				
D.	1	Engineering	$165,500	$79,500	$245,000	
		Subtotal, Section D	$165,500	$79,500	$245,000	$2,820,000
		Total	$2,270,500	$539,500	$2,820,000	$2,820,000

March 7, 2012

Six Year
Capital Improvement Program

Traffic Control

Project Description	Labor, Wages and Materials	2017 Fringe Benefits	Total	Cumulative

Sec.						
	Traffic Signs					
A.	1	With Paving	$86,200	$18,800	$105,000	
	2	Non-Paving	$102,700	$22,300	$125,000	
	3	Overhead Yield to Pedestrian	$61,600	$13,400	$75,000	
	4	Regulatory Signing Upgrades	$42,700	$9,300	$52,000	
	5	Deteriorated Street Name Sign Replacement	$14,800	$3,200	$18,000	
	6	Minimum Retroreflectivity Upgrades	$65,700	$14,300	$80,000	
		Subtotal, Section A	$373,700	$81,300	$455,000	$455,000
	Traffic Signals					
B.	1	Reconstruction with Paving	$377,700	$82,300	$460,000	
	2	Miscellaneous Improvements	$242,200	$52,800	$295,000	
	3	New Signals (Two)	$131,300	$28,700	$160,000	
	4	Emergency Vehicle Pre-emption	$61,600	$13,400	$75,000	
	5	Audible Pedestrian Signals	$86,200	$18,800	$115,000	
	6	LED Signal Head Replacements	$615,000	$135,000	$750,000	
		Subtotal, Section B	$1,514,000	$331,000	$1,855,000	$2,310,000
	Other					
C.	1	Uncollectable Sign and Signal Knockdowns	$188,900	$41,100	$230,000	
		Subtotal, Section C	$188,900	$41,100	$230,000	$2,540,000
	Engineering					
D.	1	Engineering	$175,700	$84,300	$260,000	
		Subtotal, Section D	$175,700	$84,300	$260,000	$2,800,000
		Total	$2,252,300	$537,700	$2,800,000	$2,800,000

March 7, 2012

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	$90,400	$19,600	$110,000	
	2	Non-Paving	$106,700	$23,300	$130,000	
	3	Overhead Yield to Pedestrian	$61,600	$13,400	$75,000	
	4	Regulatory Signing Upgrades	$0	$0	$0	
	5	Deteriorated Street Name Sign Replacement	$14,800	$3,200	$18,000	
	6	Minimum Retroreflectivity Upgrades	$65,700	$14,300	$80,000	
		Subtotal, Section A	$339,200	$73,800	$413,000	$413,000
	Traffic Signals					
B.	1	Reconstruction with Paving	$398,200	$86,800	$485,000	
	2	Miscellaneous Improvements	$254,500	$55,500	$310,000	
	3	New Signals (Two)	$131,300	$28,700	$160,000	
	4	Emergency Vehicle Pre-emption	$61,600	$13,400	$75,000	
	5	Audible Pedestrian Signals	$86,200	$18,800	$115,000	
	6	LED Signal Head Replacements	$615,000	$135,000	$750,000	
		Subtotal, Section B	$1,546,800	$338,200	$1,895,000	$2,308,000
	Other					
C.	1	Uncollectable Sign and Signal Knockdowns	$229,900	$50,100	$280,000	
		Subtotal, Section C	$229,900	$50,100	$280,000	$2,588,000
	Engineering					
D.	1	Engineering	$177,000	$85,000	$262,000	
		Subtotal, Section D	$177,000	$85,000	$262,000	$2,850,000
		Total	$2,292,900	$547,100	$2,850,000	$2,850,000

March 7, 2012

2009 MUTCD Required Sign Upgrades: 2012 to 2018

	2012	2013	2014	2015	2016	2017	2018	Total
Traffic Signs								
Regulatory Signs								
Keep Right Signs - Median Divided Roadways	$23,000	$23,000	$23,000	$23,000	$23,000	$23,000		$138,000
Push Button for Walk Signs	$30,000	$30,000	$30,000	$30,000	$30,000	$30,000		$180,000
Overhead Lane Control Signs	$55,000	$55,000	$55,000	$45,000				$210,000
School Zone Fines Double Signing	$200,000	$200,000	$200,000					$600,000
Replace 4-Way Placards at AWSC	$55,000							$55,000
Subtotal	$363,000	$308,000	$308,000	$98,000	$53,000	$53,000	$0	$1,183,000
Retroreflectivity Standard Compliance	$175,000	$210,000	$210,000	$175,000	$80,000	$80,000	$80,000	$1,010,000
Street Name Sign Replacement	$400,000	$400,000	$400,000	$25,000	$17,500	$17,500	$17,500	$1,277,500
Total Traffic Sign Upgrades	$938,000	$918,000	$918,000	$298,000	$150,500	$150,500	$97,500	$3,470,500
Sign Engineering	$140,700	$137,700	$137,700	$44,700	$22,575	$22,575	$14,625	$520,575
Total Sign Costs	$1,078,700	$1,055,700	$1,055,700	$342,700	$173,075	$173,075	$112,125	$3,991,075

Capitol Improvements Request Form Part 1
Project Program Title: Underground Conduit and Manhole Program

F) Project Program Justification

The Underground Conduit and Manholes Program is a City-Wide Program.

The installation of a permanent underground electrical conduit and manhole system provides secure, weatherproof, public safety cable circuit networks for various City agencies, DCD, DPW, Fire, Health, Police, Street Lighting and Traffic Control, for the following three reasons:

First, the underground conduit and manhole system provides a reliable route for the City communications cables to be installed into all existing and proposed Fire Engine Houses, Health Department Centers, Milwaukee Public Libraries, Buildings and Fleet Division garages and shops, Police Department precincts, the Port of Milwaukee buildings, storm sewer monitoring stations and other public buildings, Infrastructure Services Division Field Operations yards, Water Department pumping stations and all City bridges and buildings and other agencies.

Second, the conduit and manhole system provides a reliable cable route for the traffic control of signalized intersections City-Wide, interconnecting traffic control cable systems for synchronization of signalized intersections City-Wide, interconnecting traffic control and various existing monitoring remote controlled vehicular traffic counter stations and future closed-circuit traffic control devices, City-Wide.

Third, the conduit and manhole system is utilized by the Infrastructures system for street lighting cable circuits from above and below ground electrical substations, special lighting systems, recreational lighting facilities and the on/off City-Wide street light eye sensor system.

The Underground Conduit and Manhole system program also allows for the expansion and revision to the existing City-Wide public safety networks as mentioned above. Whenever possible and consistent with the underground conduit system master City-Wide grid maps, expansion and improvement in these networks are directly related to City, County or State roadway paving projects, urban renewal development projects, and independent non-paving projects. If the underground conduit and manhole system is not funded, unaesthetic wood poles and aerial cable systems will have to be installed. This procedure will create a tremendous financial increase and impact on the Division's maintenance program due to damage caused to aerial cable exposure from all seasonal weather conditions and wood pole knock downs. These unnecessary disruptions would disconnect vital and immediate service responses needed to the community from the Fire and Police Departments and other City facilities. Therefore, the ultimate goal of the underground system is to service all City buildings including all Public Schools and their facilities and all Public Libraries.

Proposed 2013 conduit projects (subject to change based upon Common Council approval of paving/bridge projects and/or available funds):

Conduit Projects in conjunction with Paving Projects as requested by both Communications and Traffic:

N 76th St – W Grantosa Dr to W Florist Ave
S Howell Ave – W Ryan Rd to W Grange Ave
W Hopkins St – W Congress St to W Villard Ave
W Fond du Lac Ave – N 91st St to N 107th St
W Appleton Ave Bridge over W Silver Spring Dr
N Whitnall Ave Bridge over UPRR (north of Holt)
N 27th St – W St Paul Ave to W Highland Blvd
W Lloyd St – N Sherman Blvd to N 60th St
W Lincoln Ave – S 35th St to S Miller Parkway
N Swan Rd– W Brown Deer Rd to W County Line Rd
S 13th St – W Oklahoma Ave to W Montana St
W Appleton Ave – W Capitol Dr – N 107th St
S 13th St – W Windlake Ave to W Forest Home Av
S 27th St – Howard to UP Railroad (north of Dakota)
N 20th St – W Hopkins St to W Capitol Dr
S 35th St – W Burnham St to W Greenfield Av

Conduit Projects in advance of the Zoo Freeway Project due to conflicts with proposed construction:

W Morgan Ave – S 96th St to W Beloit Rd
W Dixon St – Engine 25(S 84th St) to S 74th St
W Stevenson St –S 74th St to S 68th St
W Beloit Rd – W Morgan Ave to Western City Limits
S 74th St – W Dixon St to W Stevenson St

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Underground Conduit Installation Program **Requesting Department:** DPW/Infrastructure Services

Prepared By/Phone Ext: Clark Wantoch/2401 **Department Head Signature:**

Account No: ST280130000

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 ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

See Attached Sheet

G) **Additional Comments**

BMD-[illegible]J

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure Services

Project/Program Title: Underground Conduit Installation Program **Account No:** ST280130000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection	$5,000,000					$5,000,000
2015 Projection	$5,000,000					$5,000,000
2016 Projection	$5,000,000					$5,000,000
2017 Projection	$5,000,000					$5,000,000
2018 Projection	$5,000,000					$5,000,000
Total Six Year Cost	$25,000,000	$0	$0	$0	$0	$25,000,000
Total Project Cost	$25,000,000	$0	$0	$0	$0	$25,000,000

Life to Date Expenditures (Project Only)							$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: _____

Estimated Completion Date: _____

Department Head Signature _____

Prepared By/Phone Ext _____

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure Services	Date Submitted:	
Project/Program:	Underground Conduit Installation Program		
Prepared By:	Clark Wantoch	Current Request:	$5,000,000
Dept Head:	Ghassan Korban	6 Yr Total:	$25,000,000

General Project/Program Description:

The program is for the installation of a permanent underground conduit and manhole system to provide secure, weatherproof, routes for public safety cable curcuit networks for various City agencies including DCD, DPW, Fire, Health, Police, Street Lighting and Traffic.

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 City currently leases conduit space to telecommunication companys. Not only does this generate revenue for the City but it eliminates the needs for theses companies to trench in their own facilities which would negatively impacts the life of the pavement and in the downtown area of the City it reduces futher congestion of 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 on the paving program. It is significanly cheaper to install conduit at the time the roadway is being paved. There are no separate costs for traffic control, pavement restoration, mobilization, etc since it is part of the paving costs.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Communications & Electrical Manhole Repair and Reconstruction

Requesting Department: DPW/Infrastructure Services

Prepared By/Phone Ext: Clark Wantoch/2401

Department Head Signature: [signature]

Account No: ST285130000

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 ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

The reconstruction 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. If funding is not available for this program, the manholes will continue to the point of failure.

G) **Additional Comments**

A manhole plan has been developed to clean, survey, repair and/or reconstruct as necessary the existing communications and electrical manholes in the City. Presently there are 7,543 active manholes in the system. The request for an increase in the budget is due to having to out-source both the manhole inspection and manhole repairs/replacements. City forces will no longer be performing this work due to lack of personnel.

BMD J

Capital Improvement Request Part II

Requesting Department: DPW/Infrastructure Services

Project/Program Title: Communications & Electrical Manhole Reconstruction Program **Account No:** ST285130000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request	$1,000,000					$1,000,000
2014 Projection	$1,000,000					$1,000,000
2015 Projection	$1,000,000					$1,000,000
2016 Projection	$1,000,000					$1,000,000
2017 Projection	$1,000,000					$1,000,000
2018 Projection	$1,000,000					$1,000,000
Total Six Year Cost	$6,000,000	$0	$0	$0	$0	$6,000,000
Total Project Cost	$6,000,000	$0	$0	$0	$0	$6,000,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: _____

Estimated Completion Date: _____

Department Head Signature Glenn Kuhn

Prepared By/Phone Ext _____

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure Services	Date Submitted:	
Project/Program:	Communications & Electrical Manhole Reconstruction		
Prepared By:	Clark Wantoch	Current Request:	$1,000,000
Dept Head:	Ghassan Korban	6 Yr Total:	$6,000,000

General Project/Program Description:
This program is for the 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 and immediate risk to motorists and their vechiles.

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:
his program is for the annual maintenance of the manholes.

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

Project/Program: Communications & Electrical Manhole 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				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 postposes 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 maintenance this will result in having to replace the manholes at a significantly higher rate.

Parking Capital Requests 2013 - 2018

	2013	2014	2015	2016	2017	2018	Total
2nd Plankinton Repairs		$ 450,000			$ 300,000	$ 300,000	$ 1,050,000
4th Highland Repairs				$ 460,000		$ 350,000	$ 810,000
MacArthur Sq Repairs		$ 950,000	$ 400,000	$ 525,000			$ 1,875,000
1000 Water Repairs					$ 400,000		$ 400,000
Milwaukee Mich Repairs		$ -	$ 300,000	$ 300,000	$ 550,000	$ 100,000	$ 1,250,000
Parking Facility Maintenance		$ 100,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 900,000
Parking Meter WiFi Network	$ 721,000						$ 721,000
License Plate Recognition	$ 720,000						$ 720,000
Total	$ 1,441,000	$ 1,500,000	$ 900,000	$ 1,485,000	$ 1,450,000	$ 950,000	$ 7,726,000

3/16/2012

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: 1000 N Water Parking Repairs **Requesting Department:** DPW-Parking Fund

Prepared By/Phone Ext: C Angelos / x2404 **Department Head Signature:**

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 _____

D) **Total Positions** _____ **Total FTEs** _____

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

_____ _____ _____ $ _____

_____ _____ _____ $ _____

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

2017- Replace expansion joints on some levels, where necessary; install water repellant selaer on all levels, and mark pavement with stall design. Failure to replace remaining originally constructed (1991) expansion joints will result in slab deterioration with more costly repairs, leaks and increased vehicle damage claims. Failure to apply a water repellent 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. The expanision joint replacement was previously programmed for 2016, but is being delayed to 2017 so that the sealer and markings can be added for bid cost efficiency.

G) **Additional Comments**

BMD-[illegible]J

Capital Improvement Request Part II

Requesting Department: DPW - Parking Fund

Project/Program Title: 1000 N Water Parking Repairs **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection					$400,000	$400,000
2018 Projection						$0
Total Six Year Cost	$0	$0	$0	$0	$400,000	$400,000
Total Project Cost	$0	$0	$0	$0	$400,000	$400,000

Life to Date Expenditures (Project Only)							$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 04/01/17

Estimated Completion Date: 10/31/17

Department Head Signature Glenn Kuhn

Prepared By/Phone Ext C Angelos / x2404

CIC - Capital Improvement Request Part III

Department:	DPW - Parking Fund	Date Submitted:	3/21/2012
Project/Program:	1000 Water Parking Repairs		
Prepared By:	C Angelos	Current Request:	$0
Dept Head:	G. Korban	6 Yr Total:	$400,000

General Project/Program Description:

2014 - Replace leaking expansion joints, apply water repellant sealer on all elevated slabs, mark pavement on all levels.

*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:

Property damage to vehicles is prevented and/or alleviated when leaking expansion joints are 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:

The 1000 Water 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		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:

eplacement of expansion joint will reduce future property damage liability claims and keep the garage opened at full capacity, thus not requiring some areas to be cordoned off tfrom revenue-generating parkers.

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

Project/Program: 1000 Water Parking 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?
		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:

Water repellant sealer protects the concrete surfaces from structural degredation and higher 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:

This project will be funded by the non-tax levy parkng enterprise fund.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: MacArthur Square Parking Repairs **Requesting Department:** DPW-Parking Fund

Prepared By/Phone Ext: C Angelos / x2404 **Department Head Signature:**

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 ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

2014 Repair elevated slabs, repair membrane, and repaint pavement markings on James Lovell level. Between 1987 -1993, a membrane was installed on various levels, which has a typical useful life of approximately 15 years, if regular maintenance occurs. Failure to undertake repairs to membrane results in accelerated deficiencies and greater and costlier repairs in the future. 2015 - Repair concrete surfaces, replace J Lovell St level expansion joint, and paint lower level east and west sides and ramps. Expansion joint was last replaced in the early 1990's and has an expected useful life of 15 years. 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.

G) **Additional Comments**

2016-Repair elevated slabs on 9th Street level (last completed in 1991), reapply membrane and repaint pavement markings. See 2016 justification for similar repairs on James Lovell level programmed for 2013 - 2014 above.

BMD-[illegible]0

Capital Improvement Request Part II

Requesting Department: DPW - Parking Fund

Project/Program Title: MacArthur Square Parking Repairs **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection					$950,000	$950,000
2015 Projection					$400,000	$400,000
2016 Projection					$525,000	$525,000
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$0	$0	$0	$0	$1,875,000	$1,875,000
Total Project Cost	$0	$0	$0	$0	$1,875,000	$1,875,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: 01/02/14

Estimated Completion Date: 10/31/16

Department Head Signature

Prepared By/Phone Ext C Angelos / x2404

CIC - Capital Improvement Request Part III

Department:	DPW - Parking Fund	Date Submitted:	3/21/2012
Project/Program:	MacArthur Square Parking Repairs		
Prepared By:	C Angelos	Current Request:	
Dept Head:	G. Korban	6 Yr Total:	$1,875,000

General Project/Program Description:

2013-2014 -Repair elevated slabs, repair membrane and repaint pavement markings on J Lovell St level. **2015** - repair concrete surfaces, replace J Lovell St expansion joint, paint lower level east and west sides and ramps. **2016** - Repair elevated slabs on 9th St level, replace 9th St expansion joint, reapply membrane, repaint 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**
		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: MacArthur Square Parking 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. Failure to undertake any of these projects could result in higher operating maintenance cost 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 projects are funded as part of non-taxable enerprise fuind. Quantification of delays could be provided by Infrastructure Services.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Parking Facility Maintenance **Requesting Department:** DPW-Parking Fund

Prepared By/Phone Ext: C Angelos / x2404 **Department Head Signature:**

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 _____

D) **Total Positions** _____ **Total FTEs** _____

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

_____ _____ _____ $ _____

_____ _____ _____ $ _____

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

2013 - Fuinding is not being requested in 2013 due to anticipated sufficient carryover resources. 2014 -2018 Funding for general facility maintenance is used to provide necessary repairs for structural, mechanical and electrical deficients 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-senstive in nature.

G) **Additional Comments**

BMD J

Capital Improvement Request Part II

Requesting Department: DPW - Parking Fund

Project/Program Title: Parking Facility Maintenance **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request					$0	$0
2014 Projection					$100,000	$100,000
2015 Projection					$200,000	$200,000
2016 Projection					$200,000	$200,000
2017 Projection					$200,000	$200,000
2018 Projection					$200,000	$200,000
Total Six Year Cost	$0	$0	$0	$0	$800,000	$800,000
Total Project Cost	$0	$0	$0	$0	$800,000	$800,000

Life to Date Expenditures (Project Only)							$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/06/13

Estimated Completion Date: 12/20/18

Department Head Signature Glenn Kuhn

Prepared By/Phone Ext C Angelos / x2404

CIC - Capital Improvement Request Part III

Department:	DPW - Parking Fund	Date Submitted:	3/21/2012
Project/Program:	Parking Facility Maintenance		
Prepared By:	C Angelos	Current Request:	$100,000
Dept Head:	G. Korban	6 Yr Total:	$900,000

General Project/Program Description:

2013-2014 -Repair elevated slabs, repair membrane and repaint pavement markings on J Lovell St level. **2015** - repair concrete surfaces, replace J Lovell St expansion joint, paint lower level east and west sides and ramps. **2016** - Repair elevated slabs on 9th St level, replace 9th St expansion joint, reapply membrane, repaint 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**
			see below	Does the project **directly reduce risks** to people or property?
				Does the project **directly promote improved health or safety**?
				Does the project **mitigate an immediate risk**?

Comments / Other Considerations:

Funding is used for smaller repairs that can be bid out for multiple garages. It also provides funding for emergency repairs that occur on an as-needed basis. Some repairs may be due to building inspection orders, so that some repairs do promote improved safety and mitigate immediate risk.

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**?
			sometimes	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			Normally, yes	Will the project lead to a **reduction in operating costs**?
			Sometimes	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 needed projects change 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 cordone off areas.

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

Project/Program: Parking Facility 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**?
		xx		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:

This funding prevents the parking facilties from exceeding their useful lives.

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 is funded through the non-tax-levy parking enterprise fund.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Milwaukee Michigan Parking Repairs **Requesting Department:** DPW-Parking Fund

Prepared By/Phone Ext: C Angelos / x2404 **Department Head Signature:** [signature]

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 ☑ 2011-2016 ☑ 2012-2017 ☑ 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 - 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 exceded expected useful life, but will require replacement to continue to provide joint protection. Repainting reduces degredation of surface which would lead to costlier repairs.
2016 - 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 degredation
2017- Apply vehicular traffic membrane on levels 1 - 4; paint pavement markings; and reapply water repellent sealer at ramp

G) **Additional Comments**

levels 1-4. Membrane and water repellent sealer application prevents seepage of corrosive chemicals into concrete and retards structural degradation.
2018 -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.

BMD-[illegible]0

Capital Improvement Request Part II

Requesting Department: DPW - Parking Fund

Project/Program Title: Milwaukee Michigan Parking Repairs **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection						$0
2015 Projection					$300,000	$300,000
2016 Projection					$300,000	$300,000
2017 Projection					$550,000	$550,000
2018 Projection					$100,000	$100,000
Total Six Year Cost	$0	$0	$0	$0	$1,250,000	$1,250,000
Total Project Cost	$0	$0	$0	$0	$1,250,000	$1,250,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: 04/01/15

Estimated Completion Date: 10/31/17

Department Head Signature [signature]

Prepared By/Phone Ext C Angelos / x2404

CIC - Capital Improvement Request Part III

Department:	DPW - Parking Fund	Date Submitted:	3/21/2012
Project/Program:	Milwaukee Michigan Parking Repairs		
Prepared By:	C Angelos	Current Request:	
Dept Head:	G. Korban	6 Yr Total:	$1,250,000

General Project/Program Description:

2015 - Caulk joints and paint exterior. 2016 - Repair or replace slab (as necessary) on grade and repaint pavement markings. 2017 - Apply surface membrane on levels 1 -4, paint pavement markigs, and water seal the ramp;. 2018 - Plan adminstrative work for painting of 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 $28,000 + annually.

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**?
	+			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 least obligations to Johnson Controls, the City could be charged with breach of contract.

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

Project/Program: Milwaukee Michigan Parking 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 Jonhson Controls in exchange for a realized promise from them to develop an addition to their downtown campus and to add jobs downtown at the inception of the contract.

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:

Due to regular preventative capital maintenance of this garage, costlier repairs continue to be avoided, and the useful life of the City's oldest parking garage is continually 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 Jonhson Controls in exchange for a realized promise from them to develop an addition to their downtown campus and to add jobs downtown at the inception of the contract.

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.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: 4th and Highland Parking Repairs **Requesting Department:** DPW-Parking Fund

Prepared By/Phone Ext: C Angelos / x2404 **Department Head Signature:** [signature]

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 2

D) **Total Positions** _____ **Total FTEs** _____

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

_____ _____ _____ $ _____

_____ _____ _____ $ _____

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F) **Project/Program Justification**

2016 - Paint stell surfaces and structural components to avoid corrosion and more costly repairs. Replace selected expeansion joints throughout the garage. Failure to repair expansion joints will result in slab deterioration, leaks and vehicle damage claims. 2018 - Caulk joints, apply water repellant sealer, and apply pavement markings. 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**

BMD-100

Capital Improvement Request Part II

Requesting Department: DPW - Parking Fund

Project/Program Title: 4th & Highland Parking Repairs **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection						$0
2015 Projection						$0
2016 Projection					$460,000	$460,000
2017 Projection						$0
2018 Projection					$350,000	$350,000
Total Six Year Cost	$0	$0	$0	$0	$810,000	$810,000
Total Project Cost	$0	$0	$0	$0	$810,000	$810,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: 04/01/16

Estimated Completion Date: 10/31/18

Department Head Signature Glenn Kuhn

Prepared By/Phone Ext C Angelos / x2404

CIC - Capital Improvement Request Part III

Department:	DPW - Parking Fund	Date Submitted:	3/21/2012
Project/Program:	4th and Highland Parking Repairs		
Prepared By:	C Angelos	Current Request:	$0
Dept Head:	G. Korban	6 Yr Total:	$810,000

General Project/Program Description:

2016 - Paint steel surfaces and structural components to avoid corrosion and more costly repairs. Replace selected expansion joints throughout the garage.
2018 - Caulk joints, apply water repellant 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 and Highland Parking 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 parking structure provides parking for Bradley Center sporting and concert events.

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	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?
				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:

Undertaking these capital project reduces future costlier operating maintenance 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:

This parking structure provides parking for Bradley Center sporting and concert events. Without it, fewer people might decide to not attend the Bradley Center 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 is from the tax-levy exempt parking enterprise fund. Infrastructure services can quantify delays in this project.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Parking Meter Wireless Network **Requesting Department:** DPW - Parking Fund

Prepared By/Phone Ext: David Henke/ 3248 C Angelos/ 2404 **Department Head Signature:** [signature]

Account No:

A) **Department Priority** ____ of ____ **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** N/A **Total FTEs** _____

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

_____ _____ _____ $ _____

_____ _____ _____ $ _____

E) **In Six Year Capital Improvement Plan**

Yes ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F) **Project/Program Justification**

2013 - Provides installation of wireless communications (WiFi) network on multi-space (Luke) parking meters with the primary purpose of reducing parking meter cellular communication costs. Capital investment in a wireless communications network will result in a long-term cost savings for current monthly cellular charges. Further, wireless service will extend into the downtown public spaces and adjacent buildings, providing a benefit to those impacted by the costs and regulations associated with parking in downtown.

G) **Additional Comments**

BMD-[illegible]

Capital Improvement Request Part II

Requesting Department: DPW - Parking Fund

Project/Program Title: Parking Meter Wireless Network Installation **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request					$721,000	$721,000
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$0	$0	$0	$0	$721,000	$721,000
Total Project Cost	$0	$0	$0	$0	$721,000	$721,000
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 04/01/13

Estimated Completion Date: 10/30/13

Department Head Signature [signature]

Prepared By/Phone Ext David Henke/3248 C Angelos / x2404

CIC - Capital Improvement Request Part III

Department:	DPW/Administration	Date Submitted:	3/21/2012
Project/Program:	Parking Meter Wireless Network		
Prepared By:	David Henke / Cinidy Angelos	Current Request:	$0
Dept Head:	G. Korban	6 Yr Total:	$721,000

General Project/Program Description:

installation of wireless communications (WiFi) with the primary purpose of reducing parking meter modem communication costs Wireless communications network will result in a long-term cost savings over monthly cellular charges. WiFi will extend into the downtown public spaces and adjacent buildings, providing a ancillary benefit to the public.

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 project will supply communications to parking meters to support traffic and mobility management policies.

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			$288,000	What **return on investment** will this project generate?
x			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 monthly cost for cellular service to LUKE meters is $12,000. The savings from operational expenses will exceed the capital expenditure in year five. Over the 7-year life expectancy of the wireless hardware, the cost savings will be $288,000. Additionally, free wireless Internet will be made available to the public in these areas.

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

Project/Program: Parking Meter Wireless Network Installation

*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		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	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 improves the downtown environment, including public spaces, by providing free wireless Internet access.

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 installs new hardware to reduce operational expenditures, while enhancing the area by providing free wireless Internet.

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 enhances the downtown public spaces and adjacent buildings with free wireless Internet, providing a benefit to those most impacted by parking regulations and fees.

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 will be funded through the non-tax-levy parking enterprise fund.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: License Plate Recognition System **Requesting Department:** DPW-Parking Fund

Prepared By/Phone Ext: C Angelos / x2404 **Department Head Signature:**

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 Lic Plate Recognition for Virtual Night Parking Permits

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 ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F) **Project/Program Justification**

2013 - To offer greater convenience to City residents and to decrease the disruptive impact at MPD district police statons, DPW proposes to transition to a virtual night parking permit system that will be tied to a vehicle license plate, and will not require a physical permit to be attached to vehicles. To enable enforcement officers to determine the existence of a permit, this funding would provide state-of-the-art license plate recognition cameras (LPR) to be mounted on up-to 35 jeeps (as required) for night time enforcement. A receipt or confirmation of proof of payment would be offered to residents, but no phyisical pemit would be issued. In addition to checking for permits, the newest LPR technology also checks for vehicles reported stolen to the MPD and for scofflaws. These LPR-enabled jeeps will also be utilized by day crews undertaking enforcement of time zones in all parts of the City.

G) **Additional Comments**

BMD-100

Capital Improvement Request Part II

Requesting Department: DPW - Parking Fund

Project/Program Title: License Plate Recognition (LPR) System **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request					$720,000	$720,000
2014 Projection						$0
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$0	$0	$0	$0	$720,000	$720,000
Total Project Cost	$0	$0	$0	$0	$720,000	$720,000

Life to Date Expenditures (Project Only)							$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/02/13

Estimated Completion Date: 08/31/13

Department Head Signature Glenn Kuhn

Prepared By/Phone Ext C Angelos / x2404

CIC - Capital Improvement Request Part III

Department:	DPW- Parking Fund	Date Submitted:	3/21/2012
Project/Program:	License Plate Recognition (LPR) System		
Prepared By:	C. Angelos	Current Request:	$720,000
Dept Head:	G. Korban	6 Yr Total:	$720,000

General Project/Program Description:

Funding would provide state-of-the-art license plate recognition cameras (LPR) to be mounted on up-to 35 jeeps (as required) for night time enforcement of a new virtual permit system, as well as to check vehicles reported stolen to the MPD and scofflaws. These LPR-enabled jeeps will also be utilized by day crews undertaking enforcement of time zones.

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:

Night parking permits are required to park on the street at night. Those without permits or permission are subject to parking fines. Printing and distribution supply and labor costs would be eliminated and buyer fraud would be eliminated. Citizens would not have to wait in long lines to purchase permits and MPD district stations would not have permit sales distractions.

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?
				Does the project **minimize life-cycle costs**?
	x			Will the facility require **additional personnel** to operate?
				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: License Plate Recognition (LPR) 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:

This will funded from the non-tax levy parking enterprise fund.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: 2nd Plankinton Parking Repairs **Requesting Department:** DPW-Parking Fund

Prepared By/Phone Ext: C Angelos / x2404 **Department Head Signature:** [signature]

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 ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☑ New Request

F) **Project/Program Justification**

2014 - Paint interior of garage which was last painted in 1999. Repainting with protective finish is required to prevent corrosion and deterioration of structural components. Painting of concrete surfaces is also for aesthetic improvements, better lighting, reflectivity and provision of safer environment for pedestrians and vehicles. New 2013 capital request substitutes 2013 capital funding previously programmed for 4th and Highland garage that is no longer required due to existing fund balance. 2017 -Caulk joints and paint garage exterior components including all non-concrete metal fastners and structural members. Periodic application of protective paint finish is required to prevent corrosion and deterioration of these components. Originally programmed amount for BY 2016 is delayed one year and total amount programmed is being reduced due to anticipation of improved market pricing.
2018 - Repair concrete and apply epoxy overlay to prevent degredation of concrete and to extend the useful life.

G) **Additional Comments**

BMD J

Capital Improvement Request Part II

Requesting Department: DPW - Parking Fund

Project/Program Title: 2nd / Plankinton Parking Repairs **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection					$450,000	$450,000
2015 Projection						$0
2016 Projection						$0
2017 Projection					$300,000	$300,000
2018 Projection					$300,000	$300,000
Total Six Year Cost	$0	$0	$0	$0	$1,050,000	$1,050,000
Total Project Cost	$0	$0	$0	$0	$1,050,000	$1,050,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:

	2013	2014	2015	2016	2017	2018
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: 04/01/14

Estimated Completion Date: 10/31/18

Department Head Signature Glenn Kuhn

Prepared By/Phone Ext C Angelos / x2404

CIC - Capital Improvement Request Part III

Department:	DPW - Parking Fund	Date Submitted:	3/21/2012
Project/Program:	2nd Plankinton		
Prepared By:	C Angelos	Current Request:	$0
Dept Head:	G. Korban	6 Yr Total:	$1,050,000

General Project/Program Description:

2014 - Paint interior of garage.
2017 -Caulk joints and paint exterior components including all non-concrete metal fastners and structural members.
2018 - Repair concrete and apply epoxy overlay to prevent degredation of concrete and to extend the useful life.

*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*
	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:

Painting, caulking joints, and application of an epoxy overlay are all necessary to avoid degradation of components, thereby resulting in higher operating 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:

The garage provides parking for area employers, employees, patients, business customers and event goers. If not maintained properly, it is possible that customers, patients, event attendees would look elsewhere and leave the downtown. Without customers, patients, etc., employers might leave the area for locations with good, safe, well-maintained parking.

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:

2013 DPW CAPITAL IMPROVEMENT PROJECT/PROGRAM DESCRIPTION

FUND & PROJECT GRANT NUMBER	PROJECT/PROGRAM TITLE & LOCATION
SM495130000	SEWER MAINTENANCE RELAY PROGRAM AT VARIOUS LOCATIONS THROUGHOUT THE CITY OF MILWAUKEE

DIVISION/ SECTION

DEPARTMENT OF PUBLIC WORKS / INFRASTRUCTURE SERVICES

DATE	PREPARED BY/PHONE
3/20/2012	MARTIN A. AQUINO / 286-2462

PROJECT/PROGRAM DESCRIPTION AND JUSTIFICATION

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 enterprising businesses, as all capital sewer projects are constructed by private contract.

Sewer Maintenance Relay Program construction, as part of the City's infrastructure maintenance, involves 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.

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 acity of the outlet (next sewer downstream). When sewers are determined to be hydraulically inadequate, preventive repairs must be performed to prevent surcharged litions 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.

There are three alternatives to the Sewer Maintenance Relay Program.

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.

None of these alternatives are considered to be in the best interest of the City.

BMD-100

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: Martin A. Aquino / 286-2462

Department Head Signature: [signature]

Account No: SM495130000

A) **Department Priority** ____ of ____ **Useful Life** 90 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**

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:** SM495130000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012					$0	$0
2013 Budget Request					$30,000,000	
2014 Projection					$31,000,000	
2015 Projection					$32,000,000	
2016 Projection					$33,000,000	
2017 Projection					$34,000,000	
2018 Projection					$35,000,000	
Total Six Year Cost	$0	$0	$0			
Total Project Cost	$0	$0	$0			
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/01/13

Estimated Completion Date: On-Going

Department Head Signature Glenda Hedman

Prepared By/Phone Ext Martin A. Aquino 286-2462

CIC - Capital Improvement Request Part III

Department:	DPW / Infrastructure Services	Date Submitted:	3/20/2012
Project/Program:	Sewer Maintenance Rehabilitation and Relay at Various Locations		
Prepared By:	Martin A. Aquino	Current Request:	$30,000,000.00
Dept Head:		6 Yr Total:	$195,000,000.00

General Project/Program Description:

This program provides for the installation, rehabilitation, and replacement of City sewers and appurtenances 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 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:

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 Rehabilitation and Relay 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 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 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 enterprising businesses, as all capital sewer projects are constructed by private contract..

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:

Sewer failures becomes more probable as existing facilities exceed their usful 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 as set by the Wisconsin Department of Natural Resources (WDNR) and Milwaukee Metropolitan Sewerage District (MMSD).

2013 DPW CAPITAL IMPROVEMENT PROJECT/PROGRAM DESCRIPTION

FUND & PROJECT GRANT NUMBER	PROJECT/PROGRAM TITLE & LOCATION
SM49313000	Water Quality Projects to meet Total Maximum Daly Load (TMDL) Requirements

DIVISION/ SECTION

DEPARTMENT OF PUBLIC WORKS / INFRASTRUCTURE SERVICES

DATE	PREPARED BY/PHONE
3/20/2012	MARTIN A. AQUINO / 286-2462

PROJECT/PROGRAM DESCRIPTION AND JUSTIFICATION

The watershed is characterized by small to medium sized warm water streams that exhibit flashy flow patterns. This means they often run very high and fast when it rains, and too low and slow when the weather is dry. These problems are rooted in historic channel modifications and growing urban land uses. The high flows in wet weather cause erosion of the streambanks, causing releases of sediment and degrading habitat for fish and other aquatic -life. The impervious surfaces in the watershed, which reduce groundwater infiltration and stream recharge, are key factors reducing stream flows in dry weather conditions. In addition to the flashy flow patterns, certain pollutants have been identified as contributing to use impairments in the watershed.

Impaired water bodies, those that do not meet the Wisconsin DNR water quality standards, have been identified in the Menomonee watershed related 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 recreational uses and human health) and total phosphorus.

Work is currently underway on Total Maximum Daily Loads (TMDLs) which will address the TSS, bacteria and phosphorus-related impairments in the Menonomee, Milwaukee, and Kinnickinnic River watersheds and the estuary area.

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.

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 start in early 2013 and continue until the TMDL goals are met.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Water Quality Projects to meet TMDL Requirements

Requesting Department: DEPARTMENT OF PUBLIC WORKS / INFRASTRUCTURE SERVICES

Prepared By/Phone Ext: MARTIN A. AQUINO / 286-2462

Department Head Signature: [signature]

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 _____

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

G)

Additional Comments

BMD-__J

Capital Improvement Request Part II

Requesting Department: DEPARTMENT OF PUBLIC WORKS / INFRASTRUCTURE SERVICES

Project/Program Title: Water Quality Projects to meet TMDL Requirements **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request					$500,000	$500,000
2014 Projection					$500,000	$500,000
2015 Projection					$500,000	$500,000
2016 Projection					$500,000	$500,000
2017 Projection					$500,000	$500,000
2018 Projection					$500,000	$500,000
Total Six Year Cost	$0	$0	$0	$0	$3,000,000	$3,000,000
Total Project Cost	$0	$0	$0	$0	$3,000,000	$3,000,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/01/13

Estimated Completion Date: on-going

Department Head Signature Glenn Kuhn

Prepared By/Phone Ext

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure Services	Date Submitted:	3/20/2012
Project/Program:	Water Quality Projects to meet Total Maximum Daily Load (TMDL) Requirements		
Prepared By:	Martin Aquino	Current Request:	$500,000
Dept Head:	Ghassan Korban	6 Yr Total:	$3,000,000

General Project/Program Description:

As part of the proposed revision to the City's current stormwater discharge permit, the City will be required by Wisconsin DNR regulations of Chapter 151 and 216, to regulate Total Maximum Daily Loads (TMDLs). TMDLs will address TSS (Total Suspended Soids), total bacteria and phosphorus loading into the Milwaukee, Menomonee and Kinnickinnic Rivers and the harbor estuary.

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 will help controlling pollutants, storm water volumes and peak flows. Control of the pollutants to the river will improve conditions for wildlife and fish habitat and protect the downstream drinking water surface areas.

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 of Milwaukee, will be required by the Department of Natural Resources' (DNR) regulation in Chapter 151, to regulate TMDLs in stormwater runoff by addressing total suspended solids, phosphorus and bacteria in the separate storm sewer system areas in the City of Milwaukee.

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:

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

Project/Program: Water Quality Projects to meet Total Maximum Daly 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** - *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 projects will be city-wide.

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:

The projects consists of replacing conventional road medians and terrace areas with bioswale to capture, slow, treat, and infiltrate street runoff and other green 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:

In addition to providing direct environmental benefits, the projects will also provided a visual amenity for the neighborhood and is aesthetically integrated into the urban streetscape

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 projects will be funded by the Sewer Maintenance Fund.

2013 DPW CAPITAL IMPROVEMENT PROJECT/PROGRAM DESCRIPTION

FUND & PROJECT GRANT NUMBER	PROJECT/PROGRAM TITLE & LOCATION
SM497130100	Sanitary Pump Rehabilitation Project

DIVISION/ SECTION

DEPARTMENT OF PUBLIC WORKS / INFRASTRUCTURE SERVICES

DATE	PREPARED BY/PHONE
3/20/2012	MARTIN A. AQUINO / 286-2462

PROJECT/PROGRAM DESCRIPTION AND JUSTIFICATION

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.

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:

- 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.

Failure of the sanitary bypass pump stations will result in:

- Sanitary sewage back-ups into residential homes and businesses, causing a health hazard and extensive damage.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Sanitary Pump Rehabilitation project

Requesting Department: Department of Public Works - Infrastructure Services

Prepared By/Phone Ext: Martin A. Aquino, 286-2462

Department Head Signature: [signature]

Account No: SM497130100

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 ☑ 2011-2016 ☑ 2012-2017 ☐ Yes, Modified ☐ New Request

F)

Project/Program Justification

G)

Additional Comments

BMD-[illegible]

Capital Improvement Request Part II

Requesting Department: Department of Public Works - Infrastructure Services

Project/Program Title: Sanitary Pump Rehabilitation Project **Account No:** SM497130100

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request					$1,000,000	$1,000,000
2014 Projection					$700,000	$700,000
2015 Projection					$700,000	$700,000
2016 Projection					$700,000	$700,000
2017 Projection					$700,000	$700,000
2018 Projection					$700,000	$700,000
Total Six Year Cost	$0	$0	$0	$0	$4,200,000	$4,200,000
Total Project Cost	$0	$0	$0	$0	$4,200,000	$4,200,000

Life to Date Expenditures (Project Only)							$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/01/13

Estimated Completion Date: on going

Department Head Signature [signature]

Prepared By/Phone Ext

CIC - Capital Improvement Request Part III

Department:	Department of Public Works - Infrastructure Services	Date Submitted:	3/20/2012
Project/Program:	Sanitary Pump Rehabilitation Program		
Prepared By:	Martin A. Aquino	Current Request:	$1,000,000
Dept Head:		6 Yr Total:	$4,500,000

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 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:

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 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:

Lift stations provide development opportunities in areas that lack gravity sewer service.

Yes	No	N/A	Amount	**Infrastructure - Primarily recurring infrastructure and facilities preservation programs**
				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:

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:

2013 DPW CAPITAL IMPROVEMENT PROJECT/PROGRAM DESCRIPTION

FUND & PROJECT GRANT NUMBER	PROJECT/PROGRAM TITLE & LOCATION
SM497130100	River Channel Maintenance

DIVISION/ SECTION

DEPARTMENT OF PUBLIC WORKS / INFRASTRUCTURE SERVICES

DATE	PREPARED BY/PHONE
3/20/2012	MARTIN A. AQUINO / 286-2462

PROJECT/PROGRAM DESCRIPTION AND JUSTIFICATION

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 channle 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 channles would lose conveyance capacity overflow their banks endangering the surrounding property owners. The maintenance of the channels are also needed to ensure sediment from eroding banks do not negatively impact the water quality of the area's streams and rivers.

The channel maintenance program may include removing deposits from channels, modifying existing channels, and cleaning of box culverts and other structures.

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.

If funding is not approved, properties abutting the channels will be under a greater risk of flooding, resulting in the loss of property and threatining the safety of the residents and the welfare of the general public.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: River channel maintenance **Requesting Department:** DPW

Prepared By/Phone Ext: Martin Aquino / 286-2462 **Department Head Signature:** [signature]

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 _____

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**

G) **Additional Comments**

BMD

Capital Improvement Request Part II

Requesting Department: DPW

Project/Program Title: River channel maintenance **Account No:**

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012					$400,000	
2013 Budget Request					$200,000	
2014 Projection					$200,000	
2015 Projection					$200,000	
2016 Projection					$200,000	
2017 Projection					$200,000	
2018 Projection					$200,000	
Total Six Year Cost	$0	$0	$0	$0		
Total Project Cost	$0	$0	$0	$0		
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/01/13

Estimated Completion Date: on-going

Department Head Signature

Prepared By/Phone Ext

CIC - Capital Improvement Request Part III

Department:	DPW/Infrastructure Services	Date Submitted:	3/20/2012
Project/Program:	River Channel Maintenance		
Prepared By:	Martin Aquino	Current Request:	$200,000
Dept Head:	Ghassan Korban	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:

River channels lose storage and conveyance capacity when sediments build up on the channle 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 could overflow their banks and endanger the surrounding property owners.

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 channel maintenance projects would address NR 151 of the DNR which mandates local municipalities to reduce the amount of sediment in the local waterways.

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:

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 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			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, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

The projects that are proposed are needed to reduce safety and and reduce flooding in all Area Plans.

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:

This is not a recurring project and is done on an as needed basis. River channels deteriorate because of sediment build up and/or soil erosion and their replacement cycles cannot be quantified. When box channels are replaced the cycle is no different than what was historically occuring.

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:

Well maintained river channels are essential to the safety, health and economic development of a community.

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:

There are no external funding sources for this project. Delay of the project will contribute in increased risk of flooding to the adjacent neighborhoods and exposure to water borne diseases. Some of the work will require obtaining permits from the Wisconsin Department of Natural Resources.

2013 DPW CAPITAL IMPROVEMENT PROJECT/PROGRAM DESCRIPTION

FUND & PROJECT GRANT NUMBER	PROJECT/PROGRAM TITLE & LOCATION
SM494130000	Infiltration/Inflow Reduction Program

DIVISION/ SECTION

DEPARTMENT OF PUBLIC WORKS / INFRASTRUCTURE SERVICES

DATE	PREPARED BY/PHONE
3/20/2012	MARTIN A. AQUINO / 286-2462

PROJECT/PROGRAM DESCRIPTION AND JUSTIFICATION

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).
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;
- 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.

Starting in 2008 the City of Milwaukee was required to undertake major maintenance and rehabilitation work based on State of Wisconsin and MMSD requirements.
In December 2005, the City of Milwaukee and 27other 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. Additionally, the City is required to complete and report to the Department of Natural Resources (DNR) the capacity evaluation of the 17 bypass locations listed in the stipulation. If a system lacks capacity, the City must submit an action plan to provide sufficient capacity or take other reasonable and cost-effective actions. Based on the results of the capacity analysis, it is anticipated that corrective actions such as sealing and lining of sanitary sewers will be required.
In addition, the MMSD as required by an earlier Stipulation agreement with the DOJ in 2002 has revised its Chapter 3 rules to achieve certain reductions in the amounts of I/I in the district's system. The new rules will also cause additional rehabilitation work on the City's part.

Also, the City will undertake projects, in comply with current state and federal regulations, to comply with stipulations that resolved recent litigation, 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, Chapter3,sec.3.201, MMSD Rules. MMSD has require additional rehabilitation work by the City to execute corrective action in selected metershed.

If funds are not approved the following results may occcur:

- 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.

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: Infiltration/Inflow Reduction Program

Requesting Department: Department of Public Works - Infrastructure Services

Prepared By/Phone Ext: Martin A. Aquino / 286-2462

Department Head Signature: [signature]

Account No: SM494130000

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 ☐ 2012-2017 ☑ 2013-2018 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

See Attached Sheet

G) **Additional Comments**

BMD-[illegible]J

Capital Improvement Request Part II

Requesting Department: Department of Public Works - Infrastructure Services

Project/Program Title: Infiltration/Inflow Reduction Program **Account No:** SM494130000

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012					$0	$0
2013 Budget Request		$2,800,000			$7,000,000	[illegible]
2014 Projection		$1,800,000			$7,000,000	[illegible]
2015 Projection		$1,800,000			$7,000,000	[illegible]
2016 Projection		$1,800,000			$7,000,000	[illegible]
2017 Projection		$1,800,000			$7,000,000	[illegible]
2018 Projection		$1,800,000			$7,000,000	[illegible]
Total Six Year Cost	$0	[illegible]	$0	[illegible]	[illegible]	[illegible]
Total Project Cost	$0	[illegible]	$0	[illegible]	[illegible]	[illegible]
Life to Date Expenditures (Project Only)	$0	$0	$0	$0	$0	$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/01/13

Estimated Completion Date: On-Going

Department Head Signature [signature]

Prepared By/Phone Ext Martin A. Aquino 286-2462

CIC - Capital Improvement Request Part III

Department:	DPW / Infrastructure Services	Date Submitted:	3/20/2012
Project/Program:	Infiltration/Inflow Reduction Program		
Prepared By:	Martin A. Aquino	Current Request:	$9,800,000.00
Dept Head:		6 Yr Total:	$53,800,000.00

General Project/Program Description:

This program is to reduce Infiltration / Inflow 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:

Starting in 2008 the City of Milwaukee is required to undertake major maintenance and rehabilitation work based on State of Wisconsin and MMSD requirements. In December 2005, the City of Milwaukee and 27other 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 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.

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.

MILWAUKEE WATER WORKS

2013 CAPITAL IMPROVEMENT PROGRAM

WATER MAIN IMPROVEMENTS PROGRAM

Distribution Mains	$ 7,000,000
Feeder Mains	1,000,000
Total Mains	$ 8,000,000

WATER PLANT PROGRAM

	PROGRAM CATEGORY	ESTIMATED COST
1.	Linnwood Plant Building Improvements	150,000
2.	Linnwood Plant Treatment Improvements	300,000
3.	Howard Plant Building Improvements	100,000
4.	Howard Plant Treatment Improvements	100,000
5.	Pump Facilities Improvements	-0-
6.	Storage Facilities Improvements	1,400,000
7.	Meter Facilities Improvements	-0-
8.	Backup Power Generation	3,800,000
9.	Capital Projects Contingencies	-0-
TOTAL WATER PLANT PROGRAM		$ 5,850,000
TOTAL MAINS PROGRAM		8,000,000
TOTAL PROGRAM		$ 13,850,000

2013 – 2018 CAPITAL IMPROVEMENTS

PROGRAM REQUESTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

CITY OF MILWAUKEE

2013-2018

DISTRIBUTION MAIN PROGRAM

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: 2013-18 Distribution Water Main Program **Requesting Department:** DPW/MILWAUKEE WATER WORKS

Prepared By/Phone Ext: Carrie M. Lewis/2801 **Department Head Signature:** [signature]

Account No: 04206410R999

A) **Department Priority** ____ of ____ **Useful Life** 110 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 ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F) **Project/Program Justification**

This program is needed to provide sufficient and reliable water supply to enable consumers to satisfy their needs and to protect the health of Milwaukee Citizens; to provide sufficient water for all fire protection needs and to enable consumers to obtain the lowest cost fire insurance. This program is further required to continue development of the City and preservation of neighborhoods.

G) **Additional Comments**

2013 Water Main Replacement Program replaces selected water mains based on their main break history (their ranking on the "main break index"),hydraulic characteristics, coordination with paving and other construction projects, and water quality concerns.

BMD-

Capital Improvement Request Part II

Requesting Department: PUBLIC WORKS - Milwaukee Water Works

Project/Program Title: 2013-18 Distribution Water Main Program **Account No:** 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request					$7,000,000	$7,000,000
2014 Projection					$8,500,000	$8,500,000
2015 Projection					$9,500,000	$9,500,000
2016 Projection					$11,000,000	$11,000,000
2017 Projection					$14,000,000	$14,000,000
2018 Projection					$14,000,000	$14,000,000
Total Six Year Cost	$0	$0	$0	$0	$64,000,000	$64,000,000
Total Project Cost	$0	$0	$0	$0	$64,000,000	$64,000,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/01/13

Estimated Completion Date:

Department Head Signature

Prepared By/Phone Ext Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwauke Water Works	Date Submitted:	3/16/2012
Project/Program:	Distribution Water Main Program		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	$7,000,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	$64,000,000

General Project/Program Description:

The water main replacement program replaces selected water mains based on their main break history, hydraulic characteristics, coordination with paving and other co nstruction projects, and water quality concerns.

*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: Distribution 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)?
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.
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**?
Comments / Other Considerations:				

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**?
Project Specific				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?
Project Specific				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)?
Project Specific				Are there critical **timing issues** associated with this project?
Project Specific				Are there **inter-jurisdictional considerations**?
Project Specific				Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				

MILWAUKEE WATER WORKS

2013-2018

FEEDER MAIN PROGRAM

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: 2013-18 Feeder Main Program **Requesting Department:** DPW/MILWAUKEE WATER WORKS

Prepared By/Phone Ext: Carrie M. Lewis/2801 **Department Head Signature:** [signature]

Account No: 04206410R999

A) **Department Priority** ____ of ____ **Useful Life** 110 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 ☐ 2011-2016 ☐ 2012-2017 ☐ Yes, Modified ☑ New Request

F) **Project/Program Justification**

This program is needed to provide sufficient and reliable water supply to enable consumers to satisfy their needs and to protect the health of Milwaukee Citizens; to provide sufficient water for all fire protection needs and to enable consumers to obtain the lowest cost fire insurance. This program is further required to continue development of the City and preservation of neighborhoods. Changing water use patterns within the service area necessitate the addition of feeder mains to improve pressures and flows.

G) **Additional Comments**

The Feeder Main program extends additional feeder mains, provides integrity tests, and replaces large feeder main valves as part of the flow and redirection of water throughout the system.

BMD-

Capital Improvement Request Part II

Requesting Department: PUBLIC WORKS - Milwaukee Water Works

Project/Program Title: 2013-18 Feeder Main Program **Account No:** 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request					$1,000,000	$1,000,000
2014 Projection					$1,500,000	$1,500,000
2015 Projection					$1,500,000	$1,500,000
2016 Projection					$2,000,000	$2,000,000
2017 Projection					$2,000,000	$2,000,000
2018 Projection					$2,000,000	$2,000,000
Total Six Year Cost	$0	$0	$0	$0	$10,000,000	$10,000,000
Total Project Cost	$0	$0	$0	$0	$10,000,000	$10,000,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: 01/01/13

Estimated Completion Date:

Department Head Signature Glenda Hrubes

Prepared By/Phone Ext Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwauke Water Works	Date Submitted:	3/16/2012
Project/Program:	Feeder Main Program		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	$1,000,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	$10,000,000

General Project/Program Description:

The feeder main program extends large feeder water mains, provides for integrity testing of existing mains, and adds or replaces large feeder main valves.

*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?
Project Specific				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)
Project Specific				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: Feeder 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)?
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.
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?
Project Specific				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**?
Comments / Other Considerations:				

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**?
Project Specific				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?
Project Specific				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)?
Project Specific				Are there critical **timing issues** associated with this project?
Project Specific				Are there **inter-jurisdictional considerations**?
Project Specific				Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				

CITY OF MILWAUKEE

2013-2018

WATER PLANTS PROGRAM

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

MILWAUKEE WATER WORKS

2013-2018

LINNWOOD PLANT BUILDING IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: 2013-2018-Linnwood Building Improvements Program

Requesting Department: DPW/Milwaukee Water Works

Prepared By/Phone Ext: Carrie M. Lewis/2801

Department Head Signature: [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
Please See Attached	_____	_____	$ _____
BMD-52 Water Eng A.xls	_____	_____	$ _____
_____	_____	_____	$ _____

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ 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.

G) **Additional Comments**

The 2013 Program Year includes a Project that will apply a blue colored material to the skylights above the filters. The blue material will reduce the sunlight wavelengths the promote photosynthesis and will reduce the growth of algae on the filters. Metabolic byproducts of algae are detrimental to water quality.

BMD-10

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2013-2018-Linnwood Building Improvements Program **Account No:** 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request					$150,000	$150,000
2014 Projection					$400,000	$400,000
2015 Projection					$250,000	$250,000
2016 Projection					$210,000	$210,000
2017 Projection					$125,000	$125,000
2018 Projection					$1,000,000	$1,000,000
Total Six Year Cost	$0	$0	$0	$0	$2,135,000	$2,135,000
Total Project Cost	$0	$0	$0	$0	$2,135,000	$2,135,000

Life to Date Expenditures (Project Only)							$0

Available Cost Estimate:	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**
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: _____

Estimated Completion Date: _____

Department Head Signature _____

Prepared By/Phone Ext Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwauke Water Works	Date Submitted:	3/16/2012
Project/Program:	Linnwood Plant Building Improvements Program		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	$150,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	$2,135,000

General Project/Program Description:

This program relates to buildings on the campus of the Linnwood 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?
Project Specific				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)
Project Specific				Will the project result in a reduction in **energy use**?
Project Specific				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)?
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.
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?
Project Specific				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**?
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**?
Project Specific				Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				

MILWAUKEE WATER WORKS

2013-2018

LINNWOOD PLANT TREATMENT IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: 2013-2018-Linnwood Treatment Improvements Program

Requesting Department: DPW/Milwaukee Water Works

Prepared By/Phone Ext: Carrie M. Lewis/2801

Department Head Signature: [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
Please See Attached	_____	_____	$ _____
BMD-52 Water Eng A.xls	_____	_____	$ _____
_____	_____	_____	$ _____

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ 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.

G) **Additional Comments**

The 2013 Program Year includes a Project 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.

BMD-10

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2013-2018-Linnwood Treatment Improvements Program **Account No:** 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request					$300,000	$300,000
2014 Projection					$800,000	$800,000
2015 Projection					$500,000	$500,000
2016 Projection					$250,000	$250,000
2017 Projection					$7,000,000	$7,000,000
2018 Projection					$1,150,000	$1,150,000
Total Six Year Cost	$0	$0	$0	$0	$10,000,000	$10,000,000
Total Project Cost	$0	$0	$0	$0	$10,000,000	$10,000,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: _____

Estimated Completion Date: _____

Department Head Signature Shannon Kuhn

Prepared By/Phone Ext Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwauke Water Works	Date Submitted:	3/16/2012
Project/Program:	Linnwood Plant Treatment Improvements		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	$300,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	$10,000,000

General Project/Program Description:
This program upgrades and replaces systems necessary for the water 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**
Project Specific				Does the project **address** a legislative, regulatory or court-ordered **mandate**?
Project Specific				Does the project promote **long-term regulatory compliance**?
Project Specific				Will there be a **serious negative impact** on the City if compliance is not achieved?
Project Specific				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?
Project Specific				Does the project **minimize life-cycle costs?**
	X			Will the facility require **additional personnel** to operate?
Project Specific				Will the project lead to a **reduction in operating costs?**
Project Specific				Will the project lead to **increased productivity or service improvements?**
Project Specific				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)
Project Specific				Will the project result in a reduction in **energy use?**
Project Specific				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

*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.
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?
Project Specific				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
Project Specific				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?**

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)?*
Project Specific				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?

Comments / Other Considerations:

MILWAUKEE WATER WORKS

2013-2018

HOWARD PLANT BUILDING IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: 2013-2018-Howard Building Improvements Program

Requesting Department: DPW/Milwaukee Water Works

Prepared By/Phone Ext: Carrie M. Lewis/2801

Department Head Signature: [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
Please See Attached	____	____	$ ____
BMD-52 Water Eng A.xls	____	____	$ ____
____	____	____	$ ____

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ 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.

G) **Additional Comments**

The 2013 Program Year includes a Project that will upgrade various aging electrical systems to prevent failures, including the electrical pump starter for the two Howard filter surface wash pumps, electrical panel and distribution centers, and the electrical power bus for the overhead crane.

BMD-10

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2013-2018-Howard Building Improvements Program **Account No:** 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request					$100,000	$100,000
2014 Projection					$200,000	$200,000
2015 Projection						$0
2016 Projection					$300,000	$300,000
2017 Projection					$200,000	$200,000
2018 Projection					$550,000	$550,000
Total Six Year Cost	$0	$0	$0	$0	$1,350,000	$1,350,000
Total Project Cost	$0	$0	$0	$0	$1,350,000	$1,350,000

Life to Date Expenditures (Project Only)							$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: _____

Estimated Completion Date: _____

Department Head Signature Gheesa Kuhn

Prepared By/Phone Ext Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwauke Water Works	Date Submitted:	3/16/2012
Project/Program:	Howard Plant Building Improvements Program		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	$100,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	$7,450,000

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?
Project Specific				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)
Project Specific				Will the project result in a reduction in **energy use**?
Project Specific				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 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.
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?
Project Specific				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?**

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?**
Project Specific				Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

MILWAUKEE WATER WORKS

2013-2018

HOWARD PLANT TREATMENT IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: 2013-2018-Howard Treatment Improvements Program

Requesting Department: DPW/Milwaukee Water Works

Prepared By/Phone Ext: Carrie M. Lewis/2801

Department Head Signature: [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
Please See Attached	_____	_____	$ _____
BMD-52 Water Eng A.xls	_____	_____	$ _____
_____	_____	_____	$ _____

E)

In Six Year Capital Improvement Plan

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F)

Project/Program Justification

This Program continues with Milwaukee Water Works' plans for upgrading and replacing systems necessary for the water purification process.

G)

Additional Comments

The 2013 Program Year includes a Project that will replace effluent valves for all eight filters. These valves control the flow of water through the filters and facilitate backwashing. Their optimum functioning is required for effective automation of fiter processes.

BMD-10

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2013-2018-Howard Treatment Improvements Program **Account No:** 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request					$100,000	$100,000
2014 Projection					$250,000	$250,000
2015 Projection					$750,000	$750,000
2016 Projection					$1,250,000	$1,250,000
2017 Projection					$600,000	$600,000
2018 Projection					$4,500,000	$4,500,000
Total Six Year Cost	$0	$0	$0	$0	$7,450,000	$7,450,000
Total Project Cost	$0	$0	$0	$0	$7,450,000	$7,450,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: _____

Estimated Completion Date: _____

Department Head Signature _____

Prepared By/Phone Ext Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwauke Water Works	Date Submitted:	3/16/2012
Project/Program:	Howard Plant Treatment Improvements Program		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	$100,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	$1,350,000

General Project/Program Description:
This program upgrades are replaces systems necessary for the water 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**
Project Specific				Does the project **address** a legislative, regulatory or court-ordered **mandate?**
Project Specific				Does the project promote **long-term regulatory compliance?**
Project Specific				Will there be a **serious negative impact** on the City if compliance is not achieved?
Project Specific				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?
Project Specific				Does the project **minimize life-cycle costs?**
	X			Will the facility require **additional personnel** to operate?
Project Specific				Will the project lead to a **reduction in operating costs?**
Project Specific				Will the project lead to **increased productivity or service improvements?**
Project Specific				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)
Project Specific				Will the project result in a reduction in **energy use?**
Project Specific				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 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.
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?
Project Specific				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
Project Specific				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?**

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)?*
Project Specific				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?

Comments / Other Considerations:

MILWAUKEE WATER WORKS

2013-2018

PUMP FACILITIES PROGRAM

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: 2013-2018-Pump Facilities Improvement Program

Requesting Department: DPW/Milwaukee Water Works

Prepared By/Phone Ext: Carrie M. Lewis/2801

Department Head Signature: [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
Please See Attached	_____	_____	$ _____
BMD-52 Water Eng A.xls	_____	_____	$ _____
_____	_____	_____	$ _____

E)

In Six Year Capital Improvement Plan

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ 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.

G)

Additional Comments

The 2013 Program Year does not have a Project Scheduled.

BMD-10

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2013-2018-Pump Facilities Improvement Program **Account No:** 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection					$1,100,000	$1,100,000
2015 Projection					$1,700,000	$1,700,000
2016 Projection					$5,000,000	$5,000,000
2017 Projection					$3,050,000	$3,050,000
2018 Projection					$10,150,000	$10,150,000
Total Six Year Cost	$0	$0	$0	$0	$21,000,000	$21,000,000
Total Project Cost	$0	$0	$0	$0	$21,000,000	$21,000,000

Life to Date Expenditures (Project Only)							$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: _____

Estimated Completion Date: _____

Gwendolyn Kuhn

Department Head Signature _____

Prepared By/Phone Ext Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwauke Water Works	Date Submitted:	3/16/2012
Project/Program:	Pump Facilities Improvements Program		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	$0
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	$21,000,000

General Project/Program Description:

In this program, various components of pumping facilities (such as pumps, valves, electrical and HVAC Systems, and the structures themselves) are added, upgraded or replaced

*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**
Project Specific				Does the project **address** a legislative, regulatory or court-ordered **mandate**?
Project Specific				Does the project promote **long-term regulatory compliance**?
Project Specific				Will there be a **serious negative impact** on the City if compliance is not achieved?
Project Specific				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?
Project Specific				Does the project **minimize life-cycle costs**?
	X			Will the facility require **additional personnel** to operate?
Project Specific				Will the project lead to a **reduction in operating costs**?
Project Specific				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?
Project Specific				Is there a **revenue generating opportunity**? (e.g. user fees)
Project Specific				Will the project result in a reduction in **energy use**?
Project Specific				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 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.
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?
Project Specific				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
Project Specific				Does the project incorporate **new technology** that will provide enhanced service?
Project Specific				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?**
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)?*
Project Specific				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?
Comments / Other Considerations:				

MILWAUKEE WATER WORKS

2013-2018

STORAGE FACILITIES PROGRAM

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: 2013-2018-Storage Facilities Improvement Program

Requesting Department: DPW/Milwaukee Water Works

Prepared By/Phone Ext: Carrie M. Lewis/2801

Department Head Signature: [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
Please See Attached	____	____	$ ____
BMD-52 Water Eng A.xls	____	____	$ ____
____	____	____	$ ____

E)

In Six Year Capital Improvement Plan

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F)

Project/Program Justification

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.

G)

Additional Comments

The 2013 Program Year includes a Project that will replace the roof over the Linnwood South Clearwell. The existing grass and earth will be removed and a membrane covering will be placed over the concrete roof of the clearwell. This membrane will be a barrier to contaminants which might enter the clearwell from above.

BMD-1

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2013-2018-Storage Facilities Improvement Program **Account No:** 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request					$1,400,000	$1,400,000
2014 Projection					$1,400,000	$1,400,000
2015 Projection						$0
2016 Projection					$2,500,000	$2,500,000
2017 Projection						$0
2018 Projection					$3,600,000	$3,600,000
Total Six Year Cost	$0	$0	$0	$0	$8,900,000	$8,900,000
Total Project Cost	$0	$0	$0	$0	$8,900,000	$8,900,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: _____

Estimated Completion Date: _____

Department Head Signature _____

Prepared By/Phone Ext Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwauke Water Works	Date Submitted:	3/16/2012
Project/Program:	Storage Facilities Improvements Program		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	$1,400,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	$8,900,000

General Project/Program Description:

This program allows for evaluating enhancing, or eliminating storage capacity for the Milwaukee Water Works Distribution 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?
Project Specific				Does the project **directly promote improved health or safety?**
Project Specific				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?
Project Specific				Does the project **minimize life-cycle costs?**
	X			Will the facility require **additional personnel** to operate?
Project Specific				Will the project lead to a **reduction in operating costs?**
Project Specific				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)
Project Specific				Will the project result in a reduction in **energy use?**
Project Specific				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: Storage Facilities 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)?

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.
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?
Project Specific				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
Project Specific				Does the project incorporate **new technology** that will provide enhanced service?
Project Specific				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?**

Comments / Other Considerations:

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?**
Project Specific				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?
Project Specific				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)?
Project Specific				Are there critical **timing issues** associated with this project?
Project Specific				Are there **inter-jurisdictional considerations?**
Project Specific				Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

MILWAUKEE WATER WORKS

2013-2018

METER FACILITIES IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: 2013-2018-Meter Facilities Improvement Program

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
Please See Attached	_____	_____	$ _____
BMD-52 Water Eng A.xls	_____	_____	$ _____
_____	_____	_____	$ _____

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ 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.

G) **Additional Comments**

The 2013 Program Year does not include a Project.

BMD-16

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2013-2018-Meter Facilities Improvement Program **Account No:** 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request						$0
2014 Projection					$2,000,000	$2,000,000
2015 Projection						$0
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
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

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: _____

Estimated Completion Date: _____

Department Head Signature Gheorghe Kuhn

Prepared By/Phone Ext Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwauke Water Works	Date Submitted:	3/16/2012
Project/Program:	Meter Facilities Program		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	$0
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	$2,000,000

General Project/Program Description:

This program allows for improvements to the operations of the Meter Services Unit of the business section.

*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?**
Project Specific				Will the facility require **additional personnel** to operate?
Project Specific				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?
Project Specific				Is there a **revenue generating opportunity?** (e.g. user fees)
Project Specific				Will the project result in a reduction in **energy use?**
Project Specific				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 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:

Yes	No	N/A	Amount	**Infrastructure** - *Primarily recurring infrastructure and facility preservation programs*
Project Specific				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?
Project Specific				Have you documented the past cost of unplanned or corrective maintenance related to the facility?
Project Specific				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?
Project Specific				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:

MILWAUKEE WATER WORKS

2013-2018

BACKUP POWER GENERATION

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

BMD-100

Capital Improvement Request Form Part I

Project/Program Title: 2013-2018-BACKUP POWER GENERATION

Requesting Department: DPW/Milwaukee Water Works

Prepared By/Phone Ext: Carrie M. Lewis/2801

Department Head Signature: [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
Please See Attached	____	____	$ ____
BMD-52 Water Eng A.xls	____	____	$ ____
____	____	____	$ ____

E) **In Six Year Capital Improvement Plan**

Yes ☑ 2011-2016 ☑ 2012-2017 ☑ Yes, Modified ☐ New Request

F) **Project/Program Justification**

During the 2008 Milaukee Water Works' Capital Improvement Budget deliberations, the Common Council allowed for funding of the provision of backup power generation for Milwaukee WaterWorks' critical purification and pumping facilities. To date, construction at the Riverside Pumping Station is substantially complete. Construction efforts at the Florist Pumping Station will begin the Spring of 2012. Design efforts for the Linnwood Purification Plant are underway and construction is expected to begin in 2013 along with construction at the Grange Station.

G) **Additional Comments**

The 2013 Program Year includes the upgrade of the Grange Pumping Station to include backup power generation and replacement of aging switchgear. Grange Station is a critical element of delivering water to the far southwest area of the distribution system

BMD-

Capital Improvement Request Part II

Requesting Department: DPW/Milwaukee Water Works

Project/Program Title: 2013-2018-Backup Power Generation **Account No:** 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2012						$0
2013 Budget Request					$3,800,000	$3,800,000
2014 Projection					$100,000	$100,000
2015 Projection					$6,500,000	$6,500,000
2016 Projection						$0
2017 Projection						$0
2018 Projection						$0
Total Six Year Cost	$0	$0	$0	$0	$10,400,000	$10,400,000
Total Project Cost	$0	$0	$0	$0	$10,400,000	$10,400,000
Life to Date Expenditures (Project Only)						$0

Available Cost Estimate:	2013	2014	2015	2016	2017	2018
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: _____

Estimated Completion Date: _____

Department Head Signature _____

Prepared By/Phone Ext Carrie M. Lewis/2801

CIC - Capital Improvement Request Part III

Department:	PUBLIC WORKS-Milwauke Water Works	Date Submitted:	3/16/2012
Project/Program:	Back Up Power Generation Program		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	$3,800,000
Dept Head:	Ghassan Korban, Commissioner	6 Yr Total:	$10,400,000

General Project/Program Description:

This program provides for design and construction of back up power generation at critical water treatment and pumping 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:

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: Back Up Power Generation 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?**
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X				Will the project **produce desirable jobs** in the City?
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Comments / Other Considerations: