

City of Milwaukee

Capital Improvements Committee

2014 Capital Budget Hearing

April 8, 2013

Dept. of Administration - ITMD

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$3,648,700	95%	
2013	879,383	425,000	1,450,000		1,875,000	212%	
2012	2,018,801	450,000	150,000		600,000	(71%)	
2011	532,000	280,000	1,755,000		2,035,000	114%	1,307,220
2010	1,609,291	190,000	759,400		949,400	(42%)	1,459,890
2009	972,359	439,320	1,217,600		1,656,920	263%	993,672
2008	1,130,064	0	455,720		455,720	(64%)	582,024
2007	562,500		1,276,000		1,276,000		835,421

The Dept. of Administration – ITMD has submitted 18 capital requests. Only six of the requests are for 2014 funding. The remaining 12 requests are out-year requests.

The total six year request is \$15,148,700 and represents an increase of \$7.6 million (99%) from last year’s (2013) request. Virtually all of the increase is attributable to three programs, the PC Replacement Cycle, Public Safety Communications, and the CSWAN/COMON Upgrade project.

The PC Replacement Cycle is a **new** on-going program. ITMD has been directed to coordinate technology across departments and to look for opportunities to share resources and reduce costs. This program will coordinate the purchase and the replacement cycles of the computers used by various departments.

The Public Safety Communications and CSWAN/COMON projects were transferred to DOA-ITMD from DPW by the 2013 Budget. They represent an increase to ITMD’s six year capital request but not a net increase to the City’s capital budget.

PC Replacement Cycle and Minimum Operating Standards (1 of 18)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$525,000		

This is a **new**, request for an on-going program. The Mayor and the chair of the Finance and Personnel Committee have directed DOA-ITMD to coordinate technology across departments and to look for opportunities to share resources and reduce costs. This program will coordinate the purchase and the replacement cycles of the computers used by various departments. It will also ensure minimum operating standards are maintained by all departments. As technology continues to evolve and the City continues to increase the number of internal and external services that are available electronically, maintaining minimum operating standards and system compatibility throughout the City becomes increasingly important.

This program will allow for the bulk purchasing of computers and minimize equipment variability. This should lower costs by allowing the City to obtain vendor discounts. Having a smaller range of equipment should also reduce maintenance costs.

Although not part of this program, ITMD is taking steps to quantify the costs of IT throughout the City.

The 2014 six year capital request is for \$525,000 each year through 2019 for a total of \$3,150,000.

2014 Capital Request Summary – DOA ITMD <i>(in thousands)</i>							
	2014	2015	2016	2017	2018	2019	6 Yr. Total
PC Replacement Cycle	525,000	525,000	525,000	525,000	525,000	525,000	\$3,150,000
Public Safety Communications	937,000	700,000	625,000	625,000	625,000	625,000	\$4,137,000
IT Upgrades & Replacement	285,000	300,000					\$585,000
Web Application Server Equip	125,000						\$125,000
Workplace Safety & Efficiency	1,626,700						\$1,626,700
Mobile Device Security & Mgmt		160,000					\$160,000
Webcasting	150,000						\$150,000
CSWAN/COMOM Upgrade.		1,100,000					\$1,100,000
Corp Database Server Upgrade		95,000					\$95,000
Oracle/PeopleSoft HRMS Upgrade		1,100,000					\$1,100,000
Titan		120,000					\$120,000
GIS Infrastructure Improvements		300,000					\$300,000
Oracle PeopleSoft HRMS eModules		200,000					\$200,000
Oracle PeopleSoft Employee Portal		300,000					\$300,000
Fusion Upgrade Study		300,000					\$300,000
Oracle/PeopleSoft FMIS Upgrade			1,300,000				\$1,300,000
Emergency Notification System			50,000				\$50,000
Web Security Appliance			350,000				\$350,000
Total	\$3,648,700	\$5,200,000	\$2,850,000	\$1,150,000	\$1,150,000	\$1,150,000	\$15,148,700

Public Safety Communications (2 of 18)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$937,000	87%	
2013	133,980		500,000		500,000	0%	
2012	544,642		500,000		500,000	0%	
2011	283,250		500,000		500,000	0%	742,288
2010	350,000		500,000		500,000	43%	409,441
2009	225,000		350,000		350,000	(44%)	719,111
2008	240,000	400,000	225,000		625,000	0%	551,259
2007	465,000	400,000	225,000		625,000		576,457

This program provides for the installation and maintenance of the City of Milwaukee Optical Network (COMON). The network provides circuits for data, telephone, SCADA, security, building management, fuel management, telemetry and video systems. The network has been developed to serve other public entities including UWM, MATC, Marquette University, MIAD, WisDOT, Discovery World, and the Milwaukee Public Museum. Police locations are used as hubs to connect other City sites.

Average annual funding for this project (since 2001) is approximately \$525,000. The 2013 Budget provided \$500,000 in funding. This program had \$134,000 in carryover borrowing authority at the beginning of 2013. The annual requests have been \$625,000 per year since at least 2011. The requests for 2014 and 2015 are significantly higher. No specific

Request Summary

2014	\$937,000
2015	\$700,000
2016	\$625,000
2017	\$625,000
2018	\$625,000
2019	\$625,000

Six year request history

2014	\$4,137,000
2013	\$3,750,000
2012	\$3,750,000
2011	\$3,750,000

projects were listed in the request.

Projects are designed to increase system redundancy and to provide diverse routes to critical public safety locations. The 2013 program will continue the extension of the optical network to the Housing Authority and Libraries.

DPW notes that the City 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. The value of these circuits can be roughly estimated by the cost of getting those circuits from AT&T or others. COMON provides about 175 Gigabit Ethernet circuits to various entities. AT&T charges between \$2,500 and \$4,000 per month for their “Gigaman” circuits depending on distance. Based on this value of the “gigabit” circuits, DPW estimates the value of the circuits it provides is about \$450,000 per month.

IT Upgrades/Replacement (3 of 18)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$285,000	(5%)	
2013		100,000	200,000		300,000	(8%)	
2012		325,000			325,000		

This capital account was first requested for inclusion in the 2012 Budget. Its purpose is to facilitate small to mid-sized IT projects. It superseded several projects that were requested in prior years including the Directory Consolidation Project (2012) and the E-mail Archive Server Replacement Project (2012). Projects planned for 2013 include the creation of a disaster recovery site for Milwaukee.gov and other critical applications, and a project that will provide mobile access to the Lagan system.

Funding in 2014 would provide for the consolidation of City printing services and the build out of the City Hall wireless network. The consolidation of printing services reflects a more centralized approach to City-wide IT service. It has the potential to reduce costs, enhance security and make more efficient use of resources.

No funding has been requested for this program after 2015.

Six Year Request History

2014 Total \$585,000
 2013 Total \$600,000
 2012 Total \$2,300,000

Web Application Server Replacement (4 of 18)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$125,000		
2013							
2012							

This one year project is scheduled for 2014. The original request (submitted prior to 2011) was for \$75,000. Funding will provide for the scheduled replacement of servers. Replacement of the servers in a timely manner will ensure warranty coverage, and support applications on the City’s website.

Six Year Request History

2014	\$125,000
2013	\$125,000
2012	\$75,000
2011	\$75,000

Work Place Safety and Efficiency (5 of 18)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$1,626,700	117%	
2013			750,000		750,000		

This project was formerly called “Remodeling 809 Building”. The current workspace does not meet building codes for fire suppression. The space is inefficient and impedes collaborative efforts. This project will reduce operating costs and energy consumption and increase productivity. A space study was done in 2004 to support the request. The request has been submitted each year since 2006 with a 3% escalator.

Funding was provided in the 2013 to begin to address the most pressing safety concerns. The 2014 request will fund the remainder of the project.

Six Year Request History

2014	\$1,626,700
2013	\$2,376,700
2012	\$2,307,460
2011	\$2,240,000
2010	\$2,112,000

Mobile Device Security & Management (6 of 18)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$160,000		
2013							

This one year project was first requested in 2013 for funding in 2014. The project will provide security and management software for employees who use personal mobile devices to access City systems. Once the software has been installed on a mobile device, it will allow the device to be secured remotely, wiped in case of loss or theft, and managed from a central location. The requested funding amount has not changed from the 2013 request.

Webcasting (7 of 18)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$150,000	(50%)	
2013							
2012							

This one year project is scheduled for **2014**. This project will add streaming ability to the City's website. On-going annual costs are estimated to be \$15,000. The project is expected to reduce operating costs, increase productivity and ensure inter-departmental compatibility and consistency.

Six Year Request History

2014	\$150,000 for 2014
2013	\$150,000 for 2014
2012	\$150,000 for 2012
2011	\$140,000 for 2011
2010	
2009	\$140,000 for 2009

Out Year Requests

These projects were included in DOS-ITMD's 6 year capital request. **They do not require 2014 funding.**

CSWAN / COMON Upgrade (8 of 18)

(Out year request - 2015)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013					0		
2012	33,278				0		
2011	33,278				0		0
2010	33,278				0		0
2009	1,100,000		1		0		0
2008	0		1,100,000		1,100,000		1,066,722
2007	0				0		0

This one year project to replace Ethernet Routing Switches was first requested in 2012 for **2015**. Manufacturer support for the switches is expected to end in June of 2016. The request has not changed from last year. The cost estimate (\$1,100,000) is based on the last upgrade which was done in 2008.

Responsibility for this project was moved to DOA-ITMD from DPW-Admin by the 2013 Budget.

Corporate Database Server Upgrade (9 of 18)

(Out year request - 2015)

This is a **new** request for one year project to update the server that supports the corporate database. The Oracle database server houses critical datasets including the Unified Call Center, City Clerk Licenses, and Master Property as well as data lookups and web applications used by the City web site. Funding of \$95,000 is requested for **2015**

Oracle/PeopleSoft HRMS Upgrade (10 of 18)

(Out year request - 2015)

This one year project is scheduled for **2015**. Annual maintenance payments for this project are included in ITMD's operational budget. This upgrade will provide enhanced functionality and allow for the "Fusion" upgrade when it becomes available.

Titan (11 of 18)

(Out year request - 2015)

This is a **new** request for \$120,000 of funding in **2015**. The Titan Content Management System (CMS) is the software used to build the City's website. The City is using version 5.3. ITMD anticipates that by 2015, when this project is scheduled, Titan will likely be in version 7.x. Supporting and maintaining v5.3 will be difficult and costly. The upgrade will allow performance enhancements and increased functionality.

GIS Infrastructure Improvements (12 of 18)

(Out year request - 2015)

This request, which was first submitted in 2013, supersedes the MapMilwaukee Mobile Expansion request. It is a one year project scheduled for **2015** which will allow employees to access and update MapMilwaukee information while in the field. This project will increase capacity, increase reliability, facilitate the use of new development tools, and support new multi-platform GIS applications. The funding amount (\$300,000) has not changed from 2013.

Oracle PeopleSoft HRMS eModules (13 of 18)*(Out year request - 2015)*

This is a **new** request for \$200,000 of funding in **2015** for a one year project to enhance self-service functionality within the Oracle/PeopleSoft HRMS modules.

Oracle PeopleSoft Employee Portal (14 of 18)*(Out year request - 2015)*

This is a **new** request for \$300,000 of funding in **2015** for a one year project to implement an employee portal.

Fusion Upgrade Study (15 of 18)*(Out year request - 2015)*

This one year project was originally scheduled for 2012. It is currently scheduled for **2015**. This project will evaluate the functionality and suitability of the HRMS software upgrade. The study will aid the development of implementation and transition plans and provide more accurate estimates of total migration costs. The estimated project cost is \$300,000 and is unchanged from the 2013 request.

Oracle/PeopleSoft Financial Upgrade (16 of 18)*(Out year request - 2016)*

This multi-year project will guarantee continued support for the City's FMIS system and increase productivity. Funding of \$1,300,000 is requested for **2016**.

Emergency Notification System (17 of 18)*(Out year request - 2016)*

This is a **new** request for \$50,000 of funding in **2016** to upgrade CityWatch, the City's emergency notification system. The system is currently used by the Police Department and the Health Department. Other departments that are exploring use of the system are the Port, the City Hall Operator and the Unified Call Center. This is proposed as a one year project to upgrade the system that was installed in 2008.

Web Security Appliance (18 of 18)*(Out year request - 2016)*

This one year project was originally requested in 2011 for **2016**. The 2014 request has not changed. This project will enhance internet security and safeguard against spyware, adware and malware. Operational savings will be realized in the reduction of time spent trouble shooting and fixing infected computers. The project will also limit the City's exposure to liability. The estimated project cost is \$350,000.

Past Requests

PC Replacement Project (2015)

This project was a new one year request in 2011 for 2015 (\$115,000). It did not receive funding. The project would have replaced old computers with energy efficient models and reduced the number of Microsoft licenses. The department has decided not to move forward with this project at this time. It is likely that this project will be permanently superseded by the new PC Replacement Cycle and Minimum Operating Standards program.

Past Projects				
Project	Funding Year		Budgeted Funding	Actual as of Dec 2011
	Initial	Most Recent		
Records Center Work Environment	2011	2011	\$198,000	\$147,765
Improve/Update City Web Site	2011	2011	\$140,000	\$64,625
E-Server Replacement	2011	2012	\$277,000	\$11,078
Exchange Server Replacement	2012	2012	\$275,000	
eAps for Procurement Lifecycle	2013	2013	\$500,000	
Storage Area Network Expansion	2013	2013	\$325,000	

CITY ATTORNEY

City Hall 8th Floor Remodel

In 2006, the City Attorney's Office was moved from the 8th floor of City Hall to accommodate the City Hall Restoration project. It was anticipated that the City Attorney would need to vacate the 8th floor for 2-3 years. The City Attorney currently occupies space on the 7th and 10th floors of the ZMB.

The City Attorney asserts that its current location is insufficient in terms of size and design. There are no office accommodations for two attorneys to perform their functions. The space lacks adequate storage and preparation areas for on-going projects and litigation. As a result, the Office of the City Attorney lacks the space, privacy and security recommended for the sensitive and confidential nature of its work.

The City Attorney submitted a capital request for inclusion in the 2011 Budget to make the improvements necessary to allow the office to return to the 8th floor. The submittal included detailed cost estimates and a proposed floor plan. The total six-year cost was estimated to be \$4.8 million (\$282.40/SF). The request was not funded.

A revised request was submitted for the 2012 Budget which proposed implementing the project over three years with additional funding required in 2013 and 2014. Although the estimated cost of the project remained at \$4.8 million, the Capital Improvements Committee expressed concern that phasing the project over three years may cause unnecessary increases in the overall cost. The Committee recommended in 2012 and 2013 that the project be implemented over no more than two years.

The 2013 request again phased the project over three years. The total six-year request was \$5.5 million, an increase of \$809,000 (17%) from the 2012 request. Most of the increase was related to more accurate projections of the interest costs associated with phasing the project over three years. The 2014 request is unchanged from last year. Of the estimated project cost, approximately \$1.5 million will be used to fund the upgrade of the electrical, mechanical and fire suppression systems. These systems will need to be upgraded regardless of which department occupies the 8th floor. The project will result in a reduction in energy usage.

The 2012 Proposed Budget provided authority to borrow \$1.6 million in 2012 to begin the renovation. The funding was removed from the 2012 Budget by amendment. The 2013 Budget did not contain funding for the 8th floor. The project remains in the City's six year capital plan.

In June of 2012, a resolution was introduced (CC file 120308) directing DPW to conduct a feasibility and cost study for renovating the 8th floor of City Hall to include a banquet facility and historical exhibition space. The resolution was referred to the Public Works Committee which recommended that it be placed on file.

Historic Capital Requests for CH 8th Floor Remodel

Request Year	2014		2013		2012		2011	
	2014	\$2,013,507	2013	\$2,013,507	2012	\$1,600,000	2011	\$4,804,000
2015	\$2,258,560	2014	\$2,258,560	2013	\$1,980,000			
2016	\$1,216,914	2015	\$1,216,914	2014	\$1,100,000			
Total	\$5,488,981	Total	\$5,488,981	Total	\$4,680,000	Total	\$4,804,000	
	17,019 SF		17,019 SF		16,595 SF			
	\$342/SF		\$342/SF		\$282/SF			

*The 2012 request is smaller than the 2011 request because the 2012 request included \$170,000 in funding that remained in a capital account.

CITY CLERK

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$2,645,896	2,152%	
2013	0		117,500		117,500	194%	
2012	6,021	40,000			40,000		
2011	67,540						0
2010	1,007,924						758,363
2009	671,900		350,000		350,000		243,541
2008	681,900						13,976
2007			525,000		525,000		12,490

The City Clerk's Office has submitted five capital requests for the 2014 Budget. One is for an on-going program.

The total six year request is \$3,475,896 and represents an increase of \$2,117,396 (155%) from last year's (2013) request. Most of the increase (\$1.9 million) is related to the City Hall Room 205 renovation project. The request for the Channel 25 project has increased by \$290,000 because the scope of the project has been expanded to include the studio facilities in the 809 Building.

Requested funding for the City Clerk's Office is typically higher than the budgeted amount because the annual request for the Capital Improvement Committee is submitted by the City Clerk but the funding appears in the budget as a Special Capital Project.

The 2007 and 2009 Capital Funding was for the License Management System Requirements Study and License Division Remodeling.

Capital Improvements Committee*

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$85,000	0%	
2013		85,000			85,000	0%	
2012		85,000			85,000	0%	
2011		85,000			85,000	0%	68,876
2010		85,000			85,000		16,878

This program was first funded in 2010. It provides for the salary and fringe benefits for a Fiscal Planning Specialist position. This position is in the City Clerk's Office and serves as staff to the Capital Improvements Committee and provides budget analysis for the Finance and Personnel Committee. The requirements of this program are contained in Common Council file 081215 as amended by file 090090. This program is funded with cash, not borrowing. The total six year request is \$540,000.

*The capital request for this program is submitted by the City Clerk but the funding appears in the Budget as a "Special Capital Project".

Channel 25 - Digital Conversion

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$175,000		
2013							
2012							

The City Clerk's Office submitted a new request in 2012 for \$290,000 (\$135,000 in 2012 and \$155,000 in 2014) for a 3 year project to convert the Channel 25 signal from analog to digital (not high definition). The broadcasting and cable industry's conversion to digital format is making analog equipment more difficult to acquire and maintain. If critical components cannot be replaced or repaired, the City may be unable to televise its meetings. The conversion will ensure continued service and result in better video image quality for the City Channel. Because of the technologies involved it is not practical or cost effective to transition to the new format over a long period of time.

The 2012 Budget did not include funding for this project. The request was resubmitted for the 2013 Budget with funding requested in 2013 and 2015. The 2013 Budget did not include funding.

Originally the project had been designed in two phases; Phase I to convert the Master Control area in the 809 Building and Phase II to convert Room 301 in City Hall. The 2014 request adds the studio facilities in the 809 Building, increasing the total cost of the project by \$260,000. Each phase of the project will be completed in August to coincide with the Council's recess to minimize the disruption to the broadcast of meetings. The total project cost is estimated to be \$550,000.

Six Year Request History

2014	\$550,000
2013	\$290,000
2012	\$290,000

LRB Research Office Upgrade

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$427,000		
2013							
2012							

This request replaces the prior request titled "Room 307 CH Remodeling". This is a one year project first requested for inclusion in the 2011 Budget. (\$435,239) The 2,650 SF space was formerly used by the Division of Budget and Management Analysis. The timing of a personnel shift in 2010 did not allow for the renovation of Room 307 prior to LRB staff being assigned there. The room is in need of substantial renovation as well as an HVAC upgrade. Carpeting, ceiling tiles and workstations are in extremely poor condition. The lighting is substandard.

The request was revised for 2012, removing several items (walls, cabinets, painting, plumbing, separate furnishings and security) resulting in over \$42,000 in cost savings. The updated cost estimate from DPW Facilities (March 2013) is \$427,000. The scope of the project has not changed. The cost estimate includes the HVAC & electrical system.

Because the space is already occupied, there are no efficiencies to be gained by phasing the project over multiple years. The City will realize some decrease in operating costs primarily through the reduction in energy use. These effects, however, have not been quantified.

The Capital Improvements Committee did not recommend funding for this project in 2012 or 2013.

Six Year Request History

2014 \$427,000
 2013 \$411,000
 2012 \$394,000
 2011 \$435,299

Security Camera Replacement

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$14,000		
2013							
2012							

This is a **new** request for \$14,000 of funding for a one year project to replace existing security cameras and install additional cameras in the License Division.

City Hall Room 205 Renovation

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$1,944,896		
2013							
2012							

This is a **new** one year project to update the electrical and HVAC systems in Room 205 of City Hall. This project would also reconfigure office and conference room space and enhance security for reception personnel.

The electrical and HVAC systems in Rm 205 have not been updated in nearly 40 years and are not in compliance with current building and fire codes. Equipment malfunctions and power outages have resulted. Combining the upgrade of the electrical and HVAC systems with the reconfiguration of the office space will ensure the most efficient design of the new system and minimize disruption to staff and office activities.

Detailed cost estimates were included with the request.

Past Requests

Public Face of LIRA

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013		117,500			117,500		
2012							

The City has provided \$700,000 in funding for the development and implementation of the License Information Reporting and Administration (LIRA) system. The project has provided automation of certain labor intensive process such as payment of license files and submission of police reports. LIRA also provides electronic communication and information access to city departments which were never possible in the past.

The LIRA system went on-line in October of 2010 and operated parallel to the legacy system until December 13, 2010. It now operates independently to process licensing information. The project has remained within its budget.

Work continues on the system as the Licensing Division implements further improvements. The next phase of the project is the development of an external face for the LIRA. The project will allow public access to licensing information, on-line application and tracking and other functionalities. It is expected to be a one year project. Funding was provided in the 2013 Budget. **No request was submitted for 2014.**

SAN Storage

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013					0		
2012		40,000			40,000		

This one year project was included in the 2012 Budget.

This project was the most cost effective means of meeting the City's obligation under state statute and municipal code to issue licenses and provide notice of licensing hearings in a timely manner. Five terabytes of storage space to be used for the LIRA licensing system and the MediaMatch video integration software were installed. ITMD had requested that the City Clerk's office purchase its own storage. It is expected that this project will provide adequate storage space for 10 years.

This project was completed in 2012, within its budget.

DCD

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	TID	Revenue	Total	Change
2014 Request						\$21,285,000	21%
2013	62,538,606	150,000	2,700,000	11,000,000	3,685,000	17,585,000	(40%)
2012	149,059,553	75,000	2,650,000	22,000,000	4,251,000	29,176,000	(5%)
2011	174,997,539	450,000	3,960,257	22,000,000	4,251,000	30,661,257	(22%)
2010	178,478,575	175,000	11,754,220	23,222,323	4,251,000	39,402,543	(10%)
2009	154,903,586	500,000	2,686,000	36,268,614	4,390,000	43,844,614	(39%)
2008	119,329,944	200,000	6,878,500	60,451,000	4,200,000	71,729,500	
2007							

The Department of City Development (DCD) has submitted nine capital requests for the 2014 Budget. All requests are for on-going programs.

The total six year request is \$148,050,000 and represents a decrease of \$122.3 million (45%) from last year's (2013) request. The majority of the decrease is related to the request for Tax Incremental Districts (TIDs)

The requests for many of the programs in DCD decreased between 5% and 25%. Only the request for the *in rem* program increased.

2014 Capital Request Summary – DCD
(in thousands)

Project/Program	2014	2015	2016	2017	2018	2019	6 Year Total
Neighborhood Commercial District Street Improvement Fund	600	600	600	600	600	600	\$3,600
Business Improvement Districts	250	250	250	250	250	250	\$1,500
Tax Incremental Districts	19,500	22,500	22,500	22,500	22,500	22,500	\$132,000
Advance Planning Fund	150	150	150	150	150	150	\$900
Healthy Neighborhoods Initiative	150	150	150	150	150	150	\$900
Housing Infrastructure Preservation Fund	400	400	400	400	400	400	\$2,400
In Rem Property Program	300	300	300	300	150	150	\$1,500
Façade Program	250	250	250	500	500	500	\$2,250
Brownfield Program	500	500	500	500	500	500	3,000
Development Fund							
ADA Riverwalk Construction							
Total	\$22,100	\$25,100	\$25,100	\$25,350	\$25,200	\$25,200	\$146,550

Budgeted Capital Funding - DCD					
Program	2010	2011	2012	2013	2014 Request
Neighborhood Commercial District Street Improvement Fund	500,000	250,000	500,000	600,000	600,000
Business Improvement Districts	1,236,250	250,000	250,000	250,000	250,000
Tax Incremental Districts	27,473,323	26,251,000	26,251,000	14,685,000	19,500,000
Advance Planning Fund	175,000	150,000	175,000	150,000	150,000
Healthy Neighborhoods Initiative	200,000	200,000	200,000	150,000	150,000
Housing Infrastructure Preservation Fund	600,000	300,000	800,000	600,000	400,000
In Rem Property Program		200,000		150,000	300,000
Façade Program			500,000	500,000	250,000
Brownfield Program			500,000	500,000	500,000
Development Fund	1,050,000	1,500,000			
ADA Riverwalk Construction	1,167,970	1,560,257			
30 th Street Industrial Corridor	7,000,000				
Total	\$39,402,543	\$30,661,257	\$29,176,000	\$17,585,000	\$22,100,000

Neighborhood Commercial District Street Improvement Fund (1 of 9)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$600,000	0%	
2013	1,250,000		600,000		600,000	20%	
2012	1,127,810		500,000		500,000	100%	
2011	877,810		250,000		250,000	(50%)	168,991
2010	2,075,535		500,000		500,000	48%	300,468
2009	2,500,000		337,000		337,000	(66%)	778,555
2008	2,000,000		1,000,000		1,000,000	100%	635,792
2007	1,987,500		500,000		500,000		273,288

Funding for this program from 2000 through 2012 has been \$500,000 per year with the exception of 2008, 2009 and 2011 when the funding was \$1,000,000, \$337,000, and \$250,000 respectively.

Funding from the account has been proposed for Riverworks and the North Avenue Marketplace (BID#32) in 2011; Historic King Drive (BID#8) and Lincoln Avenue/Becher in 2012; and the Kinnickinnic Streetscape, Center Street and Prospect Avenue in 2013.

Funding in 2014 is proposed for the Granville Streetscape.

The 2014 six year request has decreased by 5% from the 2013 request.

Six Year Request History

2014	\$600,000 each year	Total \$3.6 million
2013	\$600,000 each year except for 2013	Total \$3.8 million
2012	\$250,000 each year except for 2012	Total \$1.75 million
2011	\$500,000 each year	Total \$3.0 million

Business Improvement Districts (2 of 9)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$250,000	0%	
2013	1,566,618		250,000		250,000	0%	
2012	2,486,250				250,000	0%	
2011	2,236,250		250,000		250,000	(80%)	192,622
2010	1,500,000		250,000		1,236,250		93,646
2009	2,000,000					100%	203,226
2008	1,500,000		500,000		500,000	0%	363,244
2007	1,890,000		500,000		500,000		4,812

From 2000 through 2008, this program received \$500,000 of funding annually. No funding was budgeted in 2009 because the department anticipated that there was enough carryover authority to meet the needs of the program. As of March 2013 there were 31 Business Improvement Districts.

Funding from this account has been proposed for Riverworks and the North Avenue Marketplace (BID#32) in 2011; Historic King Drive (BID#8) and Lincoln Avenue/Becher in 2012; and the Kinnickinnic Streetscape, Center Street and Prospect Avenue in 2013.

Funding in 2014 is proposed for the Granville Streetscape.

The 2014 six year request is unchanged from the 2013 request.

Six Year Request History

2014 \$250,000 each year
 2013 \$250,000 each year
 2012 \$250,000 each year
 2011 \$500,000 each year

Tax Incremental Districts (3 of 9)

Budget Yr.	Carryover	New Borrowing	Developer Revenues	Capitalized Interest	Total	Change	Actual
2014 Request		\$15,000,000	\$4,500,000		\$19,500,000	33%	
2013	56,222,323	10,000,000	3,685,000	1,000,000	14,685,000	(44%)	
2012	137,942,604	20,000,000	4,251,000	2,000,000	26,251,000	0%	
2011	164,297,654	20,000,000	4,251,000	2,000,000	26,251,000	(4%)	21,339,375
2010	164,578,955	10,000,000	4,251,000	1,000,000	27,473,323	(32%)	21,370,902
2009	140,310,308	30,000,000	4,390,000	3,000,000	40,658,614	(37%)	13,967,288
2008	109,6480,810	54,000,000	4,200,000	5,400,000	64,651,000	(13%)	25,125,610
2007	71,151,734	61,992,000	4,200,000	6,888,000	74,480,000		36,807,399

Since 2000, \$423 million has been budgeted for tax incremental districts. Funding has been highly variable ranging from a low of \$8 million to a high of \$74.5 million. Actual expenditures through the end of 2011 have totaled \$233 million.

The 2014 capital request is for \$15 million in borrowing with an additional \$4.5 million in revenue for a total of \$19.5 million in 2014. The amount of borrowing proposed increases to \$18 million annually from 2015 through 2019. The revenue estimate remains constant at \$4.5 million annually. The total six year request, including revenue, has decreased by \$121.1 million (48%) compared to last year’s request. There was still a significant amount of carryover borrowing authority remaining at the beginning of 2013.

In early 2012, the Attorney General of the State of Wisconsin issued an opinion on the use of TID funding for street paving work outside TID boundaries. Proposed guidelines will limit this type of funding to street segments which contribute to the redevelopment work funded by the TID Project Plan. Funding will be limited to an amount not to exceed the final year’s incremental revenue from the district. To date paving projects have been approved for TIDs 34, 47 and 30. Approval is pending for additional projects in TIDs 18 and 40.

No potential TIDs for 2013 or 2014 were identified in the submitted requests.

There are currently 46 Tax Incremental Districts. The 2011 Annual report for the City’s Tax Incremental Districts can be found as an attachment to Common Council file 120267.

Six Year Request History

	Borrowing	Revenue	Total
2014	\$105,000,000	\$27,000,000	\$132,000,000
2013	\$231,000,000	\$22,110,000	\$253,100,000
2012	\$132,000,000	\$22,650,000	\$154,650,000
2011	\$235,701,000	\$0	\$235,701,000

Advance Planning Fund (4 of 9)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$150,000	0%	
2013		150,000			150,000	(14%)	
2012		175,000			175,000	17%	
2011		150,000			150,000	(14%)	141,873
2010		175,000			175,000	40%	76,576
2009		125,000			125,000	(38%)	202,291
2008		200,000			200,000	14%	246,856
2007		175,000			175,000		91,535

Funding for this program from 2000 through 2006 was \$150,000 annually. From 2007 through 2012 funding has fluctuated between \$125,000 and \$175,000. This program is funded by the tax levy, not borrowing.

Proposed Activities	2014	2013	2012
Comprehensive Area Plan Implementation	\$50,000 ¹	\$50,000 ⁴	\$50,000 ¹
Professional Development (conferences etc.)	\$12,000	\$12,000	\$12,000
Software & GIS licensing	\$8,000 ²	\$8,000 ²	\$7,500 ²
Graduate Students and Scholar	\$50,000	\$50,000	\$38,000
Market/Data Analysis	\$43,000	\$43,000 ⁵	\$25,000 ³
GIS consultant for 2010 census data	\$		\$30,000
Other	\$12,000	\$12,000	\$12,500

¹ Downtown Catalytic Projects and strategic land use plans

² ArcView software and licenses

³ Citywide Industrial

⁴ Update Fond Du Lac Avenue & North Avenue Plan

⁵ Northwest side Industrial land use analysis

The 2014 six year request has decreased by 14% from the 2013 request.

Six Year Request History

2014	\$150,000 each year
2013	\$175,000 each year
2012	\$175,000 each year
2011	\$175,000 each year

Healthy Neighborhoods Initiative (5 of 9)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$150,000	0%	
2013		50,000	100,000		150,000	(25%)	
2012		100,000	100,000		200,000	0%	
2011			200,000		200,000	0%	121,803
2010			200,000		200,000	0%	58,739
2009	150,000		200,000		200,000	0%	200,000
2008			200,000		200,000		200,000

This program was first funded in 2008. It has received \$200,000 in funding each year through 2012. The 2014 six year request is for \$150,000 each year through 2019, a reduction of \$50,000 per year from the requests submitted in 2011, 2012 and 2013.

There are nine identified Healthy Neighborhoods: Capitol Heights, Enderis Park, Havenwoods, Johnson’s Park, Lincoln Village, Martin Drive, Sherman Park, Silver City, and Thurston Woods. (as of June 2012)

The Greater Milwaukee Foundation also provides funds to support the Healthy Neighborhoods Initiative. DCD does not track the amount of the contributions because funding goes directly to the outside groups. However, the department estimates that the Foundation contributed over \$300,000 in 2011 and nearly \$400,000 in 2012.

The Healthy Neighborhood’s latest annual reports can be found in Common Council Files 111256 (2011) and 121320 (2012).

Proposed Activities	2014	2013	2012
Projects within the neighborhoods	\$50,000	\$100,000	\$90,000
Community improvement projects	\$100,000	\$70,000	\$50,000
Administration		\$30,000	\$10,000
Foreclosure activities			\$50,000

Neighborhood Sponsors

Capitol Heights	Albright Methodist Church
Enderis Park	Enderis Neighborhood Association
Havenwoods	Havenswoods Economic Development Corp
Johnson’s Park	Johnsons Park Neighborhood Association
Lincoln Village	Urban Anthropology
Martin Drive	Martin Drive Neighborhood Association
Sherman Park	Sherman Park Community Association
Silver City	Layton Boulevard West Neighbors, Inc.
Thurston Woods	Agape Community Center

The 2014 six year request has decreased by 25% from the 2013 request.

Six Year Request History

2014	\$150,000 each year
2013	\$200,000 each year
2012	\$200,000 each year
2011	\$200,000 each year

Housing Infrastructure Preservation Fund (6 of 9)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$400,000	(33%)	
2013			600,000		600,000	(25%)	
2012	699,430		800,000		800,000	168%	
2011	600,000		300,000		300,000	(50%)	835,599
2010			600,000		600,000		2,735

This program was first funded in 2010. The purpose of this program is to provide funding for **major** repairs on historic/valuable city owned houses and prepare them for eventual sale. The return of properties to private ownership will have a positive impact on the tax base.

Bids are currently out for work to be done at 2429 N. 2nd Street and 2676 N. Sherman Boulevard. The properties at 4366 N. 26th Street and 3005 W. Kilbourn Avenue are in the planning stages. The department estimates that there should be approximately four more projects for 2013.

A list of 2012 projects funded by this account can be found in Common Council File 121460.

The 2014 six year request has decreased by 14% from the 2013 request.

Six Year Request History

2014	\$400,000 each year	Total \$2.4 million
2013	\$400,000 each year except 2013	Total \$2.8 million
2012	\$200,000 each year	Total \$1.8 million
2011	\$200,000 each year	Total \$3.6 million

In Rem Property (7 of 9)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$300,000	100%	
2013				150,000	150,000		
2012					0		
2011				200,000	200,000		36,228

This program first received funding in 2011. It was not funded in the 2012 Budget.

This program was created to fund **minor** capital repairs (e.g., new roofs, water heaters, etc.) to properties obtained by the City through foreclosure, with the goal of making these properties more marketable for prompt sales. The department has found that most of the costs associated with maintaining and marketing in rem properties do not fall under capital expenditure guidelines and, therefore, cannot be funded with this account. The level of expenditure in 2011 was relatively low, allowing work to be done in 2012 using carryover authority.

Common Council File 111511 (3/20/12) directed DCD to create a plan for the conveyance of City-owned housing units to qualified existing tenants. DCD has identified this program as a potential funding source for the activities of the plan. The department has developed guidelines (see Common Council File 120165) for the proposed Rent to Own Plan. Currently the department works with existing tenants that show interest and financial means to purchase properties, but because of staffing limitations does not actively manage a “rent to own” plan at this time.

In November of 2012, Common Council File 121022 reserved \$400,000 in contingent fund borrowing for the Land Management Special Purpose Account to manage, repair and maintain properties owned by the city and obtained through the in rem tax foreclosure process. The need for contingent borrowing could indicate that the in rem account needs more funding.

Estimated In Rem Properties			
Budget Request Year	Houses in City Inventory*	Additional Properties Anticipated**	Estimated Year End Inventory
2014	1,000	600-800	1,600-1,800
2013	700	600-800	1,300-1,500
2011	558	700	1,258
*as of the request date (March of the year preceding the Budget Request Year) **prior to year end			

The 2014 six year request has increased by 67% from the 2013 request.

Six year Request History

2014	\$300,000 each year 2014-2017; \$150,000 each year 2018-2019	Total \$1.5 million
2013	\$150,000 each year	Total \$900,000
2012	\$200,000 each year	Total \$1.2 million

Façade Program (8 of 9)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$250,000	(50%)	
2013			500,000		500,000	0%	
2012			500,000		500,000		

This program was created by the 2012 Budget. Prior to 2012, funding for façade projects came from the Development Fund capital account. The request did not list any specific projects.

The 2014 six year request has decreased by 25% from the 2013 request.

Six year Request History

2014	\$250,000 each year 2014-2016 ; \$500,000 each year 2017-2019	Total \$2.25 million
2013	\$500,000 each year	Total \$3.0 million

Brownfield Program (9 of 9)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$500,000	0%	
2013			500,000		500,000	0%	
2012			500,000		500,000		

This program was created by the 2012 Budget. The program provides matching funds for grants. Prior to 2012, funding for brownfield projects came from the Development Fund capital account.

Milwaukee is an EPA Brownfields Showcase Community.

The 2014 six year request is unchanged from the 2013 request.

Six year Request History

2014	\$500,000 each year	Total \$3.0 million
2013	\$500,000 each year	Total \$3.0 million

Past Requests

ADA Riverwalk Construction

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013	2,147,513				0		
2012	2,797,1714				0		
2011	1,817,628		1,560,257		1,560,257	34%	357,026
2010	724,000		1,167,970		1,167,970	61%	74,342
2009					724,000		
2008							
2007							

The last anticipated budget year for this project was 2011. No request was received for 2012, 2013 or 2014.

This program provided funding to construct the ramps and lifts necessary to bring the Riverwalk into ADA compliance as directed by the terms of the 2006 settlement with the Department of Justice. The total cost for the project is expected to be approximately \$4.9 million. As of September 2011, five of the nine Riverwalk segments involved in the project had been improved. Work was scheduled to begin on additional segments before the end of the year. The anticipated completion date for the project is near the end of 2012.

Projected Construction Costs

(as of March 2010)

Segment #	Segment Name	2008	2009	2010	2011	Total
Section 6	Iroquois	\$224,345				\$224,345
Section 9B	Mason Street	\$657,866				\$657,866
Section 2-3aa	Usinger's/State Street		\$258,449			\$258,449
Section 5	Rock Bottom		\$473,977			\$473,977
Section 2-3aa	Steinmeyer Building		\$608,847			\$608,847
Section 4	Multi-Owner Building			\$608,847		\$608,847
Section 10	Taxman Property			\$482,255		\$482,255
Section 9A	100 East Wisconsin				\$514,990	\$514,990
Section 4	Cawker Building				\$687,819	\$687,819
	5 Yr Duration Increase				\$280,078	\$280,078
Total		\$882,211	\$1,341,273	\$1,091,102	\$1,482,887	\$4,797,473

Development Fund

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013	852,152						
2012	4,005,500						
2011	4,913,500	300,000	1,200,000		1,500,000	43%	1,790,613
2010	6,438,193		1,050,000		1,050,000	(42%)	2,138,894
2009	6,564,778	375,000	1,425,000		1,800,000	0%	1,544,567
2008	6,161,134		1,800,000		1,800,000	(18%)	2,013,4489
2007	6,101,134		2,200,000		2,200,000		1,851,835

From 2000 through 2011, the Development Fund received an average of \$1.9 million in funding each year. No funds were budgeted in 2012 or 2013. The department did not submit a capital request for 2013 or 2014. This program had just over \$4 million in carryover authority at the beginning of 2012 and \$852,000 at the beginning of 2013.

The façade and brownfield components of this program were spun off into their own separate programs in the 2012 Budget.

2012 Planned Activity

Downtown development	\$500,000
Loan activity	\$300,000
Menomonee Valley Spec Assessment	\$250,000
Brownfields	\$250,000
Façade / RIF	\$200,000

809 Bldg Remodeling

This one year project to remodel the 2nd floor of the 809 Building was originally requested for 2012 (\$976,000). No funding was provided. The request was not resubmitted for 2013 or 2014. The estimated cost for the project was \$66.39 / SF. Floor plans and detailed cost estimates were submitted. This space has been identified by DPW Facilities as an area of the City Hall Complex whose renovation has been delayed because of funding constraints.

Technology Initiative

Funding was requested and denied in 2011 for this one year project to add fire protection and occupancy certificates to the e-permit system. The project would also have updated and documented the database architecture. The request was not resubmitted in 2012, 2013 or 2014. This project may be incorporated into the Land Management System that was funded in 2012. If it is not, the department may resubmit the request in the future.

FIRE DEPARTMENT

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request				\$680,000	\$9,275,000	173%	
2013	6,213,485		3,403,000		3,403,000	(1%)	
2012	4,728,509		3,424,000		3,424,000	12%)	
2011	5,398,322		3,064,000		3,064,000	(24%)	3,354,721
2010	5,219,579		4,056,000		4,056,000	44%	1,162,095
2009	6,462,564		2,807,500		2,807,500	(12%)	2,666,580
2008	6,104,000	86,000	3,122,000		3,208,000	10%	3,915,075
2007	7,446,516	100,000	2,818,000		2,918,000		2,118,070

The Fire Department (MFD) has submitted five capital requests. Three are for on-going programs.

The total six year request is \$39,840,000 and represents an increase of \$15.3 million (62%) from last year's (2013) request. Most of increase is attributable to the inclusion of a request for the Fire Repair Shop (\$14.5 million) and a new Regional Video Conferencing project (\$170,000).

The six year request for Fire Facilities Maintenance has increased by \$326,000 from 2013.

The proposed Video Conferencing project is a regional project that Milwaukee will be pursuing jointly with at least eleven other municipalities or departments. City funding will provide the required match for \$680,000 in grant funding.

Fire Facilities Maintenance Program

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$1,245,000	17%	
2013	881,098		1,063,000		1,063,000	112%	
2012	1,176,232		500,000		500,000	400%	
2011	1,676,235		100,000		100,000	(91%)	1,049,593
2010	712,500		1,125,000		1,125,000	58%	164,843
2009			712,500		712,500		10,602
2008					**		**
2007					**		**

**Prior to 2009, expenditures for the maintenance of engine houses were made from various capital accounts including the Interior Building Maintenance, Mechanical Systems Maintenance, Exterior Building Maintenance and Ventilation System and Window Replacement account. Combining these capital accounts provides more flexibility to the department to complete the most pressing maintenance concerns.

This program funds the repair and maintenance of internal, external and mechanical systems for the Fire Department's 36 engine houses. The department has done a considerable amount of work evaluating the condition of their buildings and developing a capital asset maintenance program. The early years of the 2013 request reflect a more aggressive repair and maintenance schedule than prior requests. The total six year request is \$326,000 greater than in 2013. The average annual request is \$762,000, approximately \$21,000 per engine house per year.

Request Summary - 2014

2014	\$1,245,000
2015	\$906,000
2016	\$541,000
2017	\$895,000
2018	\$573,000
2019	\$410,000

Six year request history

2014	\$4,570,000
2013	\$4,244,000
2012	\$4,799,680
2011	\$4,800,200

Proposed Plan	2012	2013	2014	Proposed Locations (for 2014)
Interior Surfaces ¹	\$86,000			
Ventilation System	\$100,000			
Flooring		\$90,000	\$40,500	E31
Roofs	\$250,000	\$296,000	\$621,000	E23
HVAC	\$150,000 ²	\$60,000	\$7,700	
Boilers		\$150,000	\$25,700	E9 E12
Electrical Upgrades			\$45,000	E22 E28 E34 Shop
A/C		\$24,000	\$24,700	E6 E8 E12
Tuckpointing			\$132,000	E8 E14 E21 E23 E26
Paint		\$105,000	\$77,300	E2 E14 E21 E36
Overhead Doors	\$25,000	\$38,000	\$7,800	E9
Windows	\$100,000	\$93,600	\$48,200	E8 E21
Doors		\$96,000	\$49,400	E8 E21
Mold		\$40,000	\$123,600	
Concrete	\$50,000	\$70,000	\$41,200	E1 E17 E27 E39
Apparatus floor ³				E6 E26
Water heater ³				E1 E4 E9 E18 Shop
Foundation ³				E26 E27 E28

¹ Includes flooring, lighting and environmental remediation

² Combined boiler and HVAC

³ Funding for these activities is included in other categories.

MFD Engine Houses

Engine #	Address	Year Constructed	Age
Engine 01	784 N Broadway	1872	141
Engine 02	755 N James Lovell	1962	51
Engine 03	100 W Virginia St	1900	113
Engine 04	9511 W Appleton Ave	1976	37
Engine 05	1313 W Reservoir Ave	1969	44
Engine 06	1693 N Franklin Pl	1946	67
Engine 07	3174 S Chase Ave	1950	63
Engine 08	5585 N 69 St	1958	55
Engine 09	4141 W Mill Rd	1978	35
Engine 10	5600 W Oklahoma Ave	1954	59
Engine 11	2526 S Kinninckinnic Ave	1964	49
Engine 12	1400 N 9 St	1954	59
Engine 13	2901 N 30 St	1927	86
Engine 14	6074 S 13 St	1978	35
Engine 16	10320 W Fond Du Lac Ave	1990	23
Engine 17	4653 S 13 St	1959	54
Engine 18	3626 N Holton St	1981	32
Engine 21	2050 N Palmer St	1894	119
Engine 22	8814 W Lisbon Ave	1953	60
Engine 23	2130 W Oklahoma Ave	1996	17
Engine 24	4927 W Fiebrantz Ave	1967	46
Engine 25	300 S 84 St	1983	30
Engine 26	1140 S 26 St	1904	109
Engine 27	2647 N Barlett Ave	1904	109
Engine 28	424 N 30 St	1904	109
Engine 29	3541 S 84 St	1985	28
Engine 30	2903 N Teutonia Ave	1912	101
Engine 31	2400 S 8 St	1912	101
Engine 32	1551 N 30 St	1985	28
Engine 33	4515 W Burnham	2010	3
Engine 34	6205 W Burleigh St	1949	64
Engine 35	100 N 64 St	1998	15
Engine 36	4060 N 27 St	1997	16
Engine 37	5335 N Teutonia Ave	1981	32
Engine 38	8463 N Granville Rd	1965	48
Engine 39	8025 W Bradley Rd	1977	36

Major Capital Equipment

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$2,970,000	33%	
2013	5,203,256		2,230,000		2,230,000	(21%)	
2012	2,964,726		2,814,000		2,814,000	(1%)	
2011	2,923,557		2,854,000		2,854,000	1%	2,010,336
2010	2,974,582		2,821,000		2,821,000	62%	667,799
2009	4,995,046		1,745,000		1,745,000	(26%)	2,230,113
2008	3,354,000		2,362,000		2,362,000	(4%)	3,585,953
2007	4,422,000		2,458,000		2,458,000		917,920

This program provides for the replacement of major fire-fighting equipment and apparatus, including ambulances, fire engines and ladder trucks. Funding for this program rose significantly from 2002 through 2005 and then declined steadily until 2009. Since 2009, funding has stabilized near \$2.8 million each year, which is slightly above the average funding provided in the years from 2002 through 2009. A departmental re-evaluation of equipment purchasing patterns resulted in a lower allocation for 2013. At the beginning of 2013, this program had over \$5 million in carryover authority. Carryover amounts are often related to the long lead times that are associated with purchasing fire fighting apparatus.

Stable funding in this account will allow the department to replace equipment each year and will create a smooth age distribution throughout the fleet, while variable funding can create the need for large capital expenditures in future years.

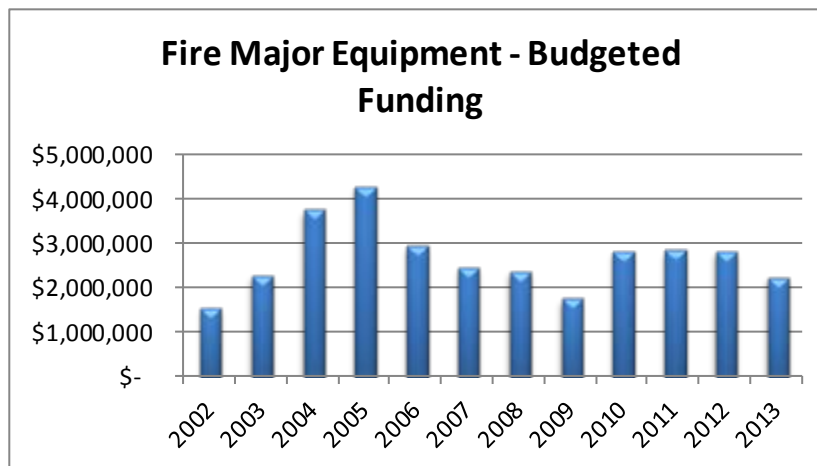
Changes to EPA regulations requiring a reduction in emissions for diesel engines have reduced the purchasing power of the funding provided for this program. Based on quotes received by the department, the new regulations have added approximately 5% to the cost of ladder trucks and 7% to the cost of engines.

Request Summary

2014	\$2,970,000
2015	\$3,643,000
2016	\$2,597,000
2017	\$3,090,000
2018	\$4,304,000
2019	\$2,656,000

Six year request history

2014	\$19,260,000
2013	\$19,615,000
2012	\$23,382,496
2011	\$20,210,676



The department maintains a fleet of equipment that includes 50 engines (36 frontline and 14 reserve) 22 ladder units (15 frontline and 7 reserve) and 20 medical units (15 frontline and 5 reserve). Because of the browning out of engine houses, three of the 36 frontline engines, are not in active use.

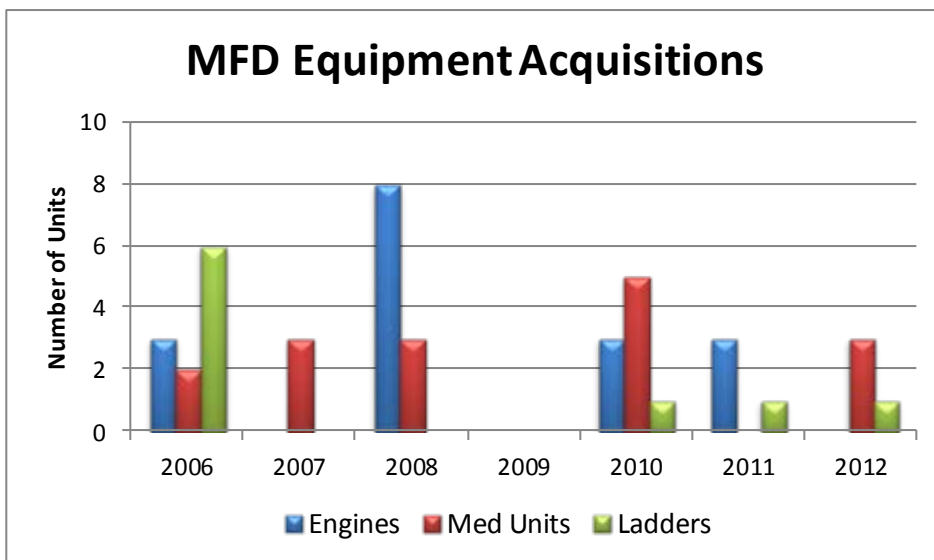
The NFPA recommends shifting frontline firefighting apparatus to reserve status at 15 years. To maintain this replacement cycle for the active fleet, the budget

should provide enough funding to purchase, on average, 2.4 engines and one ladder unit per year. To maintain a 5 year replacement cycle for med units the budget should provide for 3 med units per year.

The 6-year request for major capital equipment (\$19.26 million) provides a level of funding which will allow replacement cycles within the NFPA recommendations. The Fire Dept. has proposed an acquisition schedule that when applied to the active fleet will result in a replacement cycle of 13.5 years for engines. If applied to the entire fleet of engines the replacement cycle rises to 18.8 years. The proposed replacement cycle for active ladder units is 11.3 years. For all ladder units it is 16.5 years. The proposed replacement cycle for med units is 6 years and 8.8 years for the active and entire fleet respectively. Although the schedule proposed for the 2013 Budget reduced the engine and med units purchased by one each compared to the 2012 six year request, it did not make any allowance for browned out units. The 2014 proposed schedule is unchanged from 2013.

Fire – Major Capital Equipment			
	Frontline	Reserve	Total
Engines	36	14	50
Ladder Units	15	7	22
Medical Units	15	5	20
Total	66	26	92

Proposed Capital Equipment Purchases - 2014							
	2014	2015	2016	2017	2018	2019	Total
Engines	3	3	2	3	3	2	16
Ladder Units	1	2	1	1	2	1	8
Medical Units	3	2	3	2	3	2	15
Total	7	7	6	6	8	5	39



Auxiliary Power Supply

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					110,000	0%	
2013	33,000		110,000		110,000	0%	
2012	277,551		110,000		110,000	0%	
2011	288,530		110,000		110,000	0%	38,342
2010	299,336		110,000		110,000	10%	228,656
2009	200,000		100,000		100,000	0%	0
2008	100,000		100,000		100,000	0%	(21,074)
2007			100,000		100,000	0%	34,867

This program first received funding in 2007. The estimated end date of this program is 2023.

This program provides funding for the purchase and installation of backup generators at each of MFD's 36 engine houses. Nineteen stations have been retrofitted with generators so far. The generators are customized for each location, resulting in costs that may vary significantly by site. The cost of copper and the complexity of the installation are the key drivers of installation costs. Generally, this level of funding will replace one or two generators each year.

As of April 2013, auxiliary generators have been installed at the following engine houses:

Eng. 2 755 N. James Lovell Avenue
 Eng. 3 100 W. Virginia Street
 Eng. 4 9511 W. Appleton Avenue
 Eng. 5 1313 W. Reservoir Avenue
 Eng. 9 4141 W. Mill Road
 Eng. 12 1400 N. 9 Street
 Eng. 13 2901 N. 30th Street
 Eng. 14 6074 S. 13th Street
 Eng. 16 10320 W. Fond Du Lac Avenue
 Eng. 18 3626 N. Holton Street
 Eng. 23 2130 W. Oklahoma Avenue
 Eng. 25 300 S. 84th Street
 Eng. 29 3541 S. 84th Street
 Eng. 30 2903 N. Teutonia Avenue
 Eng. 31 2400 S. 8th Street
 Eng. 32 1551 N. 30th Street
 Eng. 35 100 N. 64th Street
 Eng. 36 4060 N. 27th Street
 Eng. 37 5335 N. Teutonia Avenue

Generators are planned for installation in 2013 at the following engine houses:

Eng. 8 5585 N. 69th Street
 Eng. 17 4653 S. 23 Street
 Eng. 24 4927 W. Fiebrantz Avenue
 Plus one additional site

Fire Repair Shop - Land Acquisition, Design & Construction

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$4,100,000		
2013	96,131						
2012	250,000						
2011	250,000						
2010	250,000						
2009			250,000		250,000		
2008	1,675,000						
2007	1,675,000						

The MFD believes that the construction of a new repair facility for firefighting apparatus could result in significant savings, primarily through operational efficiencies and a reduction in the need to utilize outside vendors to facilitate repairs. The department submitted a request for the 2011 budget of \$5,945,000 to construct a new repair facility adjacent to the existing facility on S. 1st Street and W. Virginia Street. That request was not funded. It was not re-submitted for 2012.

While the garage proposed in 2011 at the Virginia Street site did provide an improved repair space, it did not address all the functional deficiencies at the existing repair facility. The department is currently developing a comprehensive plan for a new facility that would maximize efficiencies for vehicle repair, department shops, apparatus storage and energy use. The Fire Department is working with other City departments to identify an appropriate parcel of land on which to locate the new repair facility. The department has completed conceptual designs and cost estimates.

Request Summary - 2014

2014	\$4,100,000
2015	\$7,100,000
2016	\$3,300,000
2017	\$0
2018	\$0
2019	\$0

Six year request history

2014	\$14,500,000
2013	\$0
2012	\$0
2011	\$5,945,000

The Fire Dept. submitted a request for 3 years of funding from 2014 through 2016.

Regional Video Conferencing

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request			\$170,000	\$680,000	\$850,000		

This is a **new** request for a one year program to install video conferencing equipment in all 36 engine houses, the Fire Academy and the Fire Chief's conference room. Funding for this request will provide the 20% match for the grant that was jointly applied for by several area departments. MFD will be partnering with the fire departments from Cudahy, Franklin, Greendale, Greenfield, Hales Corners, Milwaukee County, North Shore, Saint Francis, South Milwaukee, Wauwatosa and West Allis.

The full cost of the system is anticipated to be \$850,000. Annual savings are estimated to be \$70,000 in personnel and \$10,000 in fuel costs. These savings will be partially offset by annual maintenance costs which are expected to be between \$40,000 and \$50,000 for at least the first three years. After three years, the department plans to host the training internally which will eliminate the subscription fees from the annual maintenance costs. There are no separate fees for training services. Annual maintenance fees are based on the equipment being supported not the level of usage.

System equipment will include 61 video conferencing systems with H.323/460 CODEC, microphones, cameras and HD resolution cables; 42" LCD monitors with mounting hardware, cable, converters, and misc. hardware; 52 media carts to allow video conferencing to be moved to a space appropriate for the type of training. Eight large training rooms will have AV support equipment with projection display, speakers and microphones.

The department has estimated that the system will have a seven year useful life. Replacement schedules for the various components of the system have not been developed yet. The department anticipates the need for future capital funding to replace at least a portion of the system.

The department currently uses web based training in groups of four to eight employees using computers that were designed and configured for individual training. These computers are typically set up in areas that cannot easily accommodate larger groups. In order to be seen by the instructor, trainees often have to sit so far from the computer that they can't read the information on the screen. The training is often of poor quality and technical difficulties often require training sessions to be rescheduled.

The new video conferencing system will have cameras and monitors designed to accommodate groups. Instructors will be able to teach from a classroom setting instead of from their desks, allowing them to use visual aids and demonstrate hands on procedures. MPD staff will be trained to resolve technical issues allowing for faster resolution of problems and expediting training.

Apparatus Floor Survey

Twelve fire stations have basement space below the apparatus floor where equipment is stored. The increased size and weight of ladder trucks and engines raises concerns about the structural integrity of the flooring where the equipment is parked. The results of this study will influence future capital requests for this program.

Phase I of the study, which included a visual inspection of the 12 stations with basements, has been completed. The study determined that 8 of the stations require further investigation or repair. The amount of distress at these stations was classified as "severe" or "urgent". One station was rated severe. Temporary shoring has been installed at that station to ensure the safety and stability of the floor.

A consultant was hired to perform Phase II of the study which will complete more rigorous investigations of the floors to determine their structural integrity and the necessity of repairs. A forensic structural engineer took core samples and performed crush testing as well as chemical analysis. Preliminary results indicate that the floor at Engine 6 (Franklin and Brady) which has been shored because of concerns about the floors safety, does not appear to be in danger of imminent collapse. The full chemical study is still underway. The results from the chemical analysis may affect long term capital plans for the department. Cost estimates will be formulated once the extent of the repairs is known. It is anticipated that a capital request will submitted at that time.

The average age of the 8 stations which require further evaluation is over 90 years. Consideration should be given to the overall condition of the building when determining corrective actions for these facilities. Although no separate capital request has been submitted to address the apparatus floors, some work is being included in the Fire Facilities Maintenance account. Engine houses 6 and 26 are anticipated to have work done in 2014.

FIRE AND POLICE COMMISSION

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$150,000		
2013							
2012	150,000						
2011	150,000						
2010	150,000						
2009	150,000		150,000		150,000		
2008							
2007							

FPC Office Remodeling

This request was previously funded in the 2009 Budget. Space was allocated for the Fire & Police Commission on the 10th floor of the ZMB where the City Attorney's Office is now located. Because of delays in moving the City Attorney back to City hall, funding for this project has lapsed.

The F&P Commission will move temporarily to the 8th floor of City Hall.

MUNICIPAL COURT

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$144,000		
2013	28,041						
2012	102,367						
2011	235,115						132,000
2010	1,062,163		334,000		334,000	(51%)	
2009	429,620		683,645		683,645	59%	818,800
2008	159,332		429,620		429,620		147,717
2007	240,841	50,000			50,000		150,617

The Municipal Court has submitted two capital requests for short term projects, one scheduled for 2014 and one scheduled for 2015. The Court relies heavily on technology for its operations and to provide services to the public. The Court's capital request supports the development of new technologies to provide enhanced services and the maintenance of their critical electronic infrastructure.

The total six year capital request is \$1,050,000 and is unchanged from 2013.

Capital funding from 2007 through 2010 was primarily for the Court Case Management System.

Virtual Server & SAN Replacement (2 of 2)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$144,000		

This project was first requested in 2013 for funding in 2014. The 2014 request is unchanged from 2013.

The Municipal Court uses servers and a storage area network (SAN) to host its case management system (CATS). Based on industry standards, the equipment will have reached the end of its useful life in 2014. Extending their use beyond this time may make the Court's operations vulnerable to outages or loss of performance. There may be possibilities for repurposing the equipment to less critical applications.

CATS & Website Upgrade

(Out year request)

This two year project was originally requested in 2013 for funding in **2015** and **2016**. The request is unchanged from last year. The focus of the upgrade will be the transition from a client-server based architecture to a browser-based platform, similar to FMIS, HRMS and other City systems. This project would eliminate the need to install and maintain workstation software. It would also facilitate remote court operations such as community court sessions. Funding of \$552,000 and \$384,000 is requested for 2015 and 2016 respectively. Total project cost is estimated to be \$936,000

Past Requests

Data Center AC

The Municipal Court requested \$54,000 for 2012 to replace the air conditioning unit that services the Court's datacenter. The existing unit had exceeded its useful life and required frequent and expensive repairs. With the implementation of the Electronic Case Jacket Project, the operations of the Court are reliant on its computer network. Failure of the AC systems could disrupt court operations. This project was funded through the Court's O&M Budget.

Panic Alarm System

The Municipal Court requested \$23,000 for 2012 to install a warning system that will alert court staff to dangerous situations. The existing system is not functional and cannot be repaired because of its age. A functioning alarm system will help to ensure the safety of employees and City residents who use court services. This project was funded through the Court's O&M Budget.

Electronic Case Jacket Project

The Electronic Case Jacket project was a multi-phase project designed to eliminate physical case jackets and paper files and to promote efficiencies in Municipal Court operation. The Municipal Court now operates its sessions electronically. This allows greater efficiencies in the processing of court cases, greater access to case related documents and information and flexibility in where the Court can hold sessions.

Since 2007, the Electronic Case Jacket project has received just over \$1.3 million in funding and is nearing completion. The project is currently within its budget.

Phase 1, which eliminated paper rosters for calling court cases, went live in April 2009. Phases 2, 3 and 4 involved the electronic capture of documents, the conversion of notices, and the integration of on-line templates for outgoing correspondence. Much of 2010 was spent designing the environment to integrate the activities of judges, clerks and bailiffs and allow immediate access to all relevant case information on a single screen. Electronic processing of incoming correspondence began in September 2010.

A key component of the system is the electronic receipt of citations. At this time nearly all traffic citations and approximately 80% of municipal citations are received electronically. The remaining citations must be scanned by Municipal Court staff. The Municipal Court anticipates the electronic receipt of cases from the Department of Neighborhood Services. Parking citations will be received electronically shortly thereafter.

In conjunction with this project, the Municipal Court has updated its website. The website has been optimized for mobile device use. It is not unusual for users of court services to have their primary internet access provided via a Smartphone. Those users now have the ability to make payments and find case information using their phone. Search capabilities have also been expanded. Upcoming improvements include the ability to conduct more court business on-line including entering not-guilty pleas, selecting a preferred court date, and requesting extensions.

IT Disaster Recovery Project

In conjunction with the electronic case jacket project, the Municipal Court began planning to implement a disaster recovery project to protect the integrity of Court data. The Court created a virtualized environment in their own data center which will allow them to easily restore systems to new hardware in the event of an emergency. This project has been completed on time and within its budget.

NEIGHBORHOOD SERVICES

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$402,500		
2013	18,250				0		
2012	58,416				0		
2011	76,141				0		48,169
2010			76,141		76,141		0
2009							0
2008							0
2007							

The Department of Neighborhood Services (DNS) has submitted three capital requests for the 2014 Budget including requests for two new remodeling projects to accommodate staffing changes and improve customer service.

The total six year request is \$852,500 and represents an increase of \$158,000 (23%) from last year's (2013) request.

Capital funding in 2010 was for security upgrades at the Anderson Municipal Building/Water Tower.

Conversion of Anderson Water Tower Garage

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$200,000		
2013							

This project was first requested in 2013 to modify space at the Anderson Municipal Building to accommodate additional staff. The original request was for a one year project. The 2014 request phases the project over two years. An additional \$450,000 is requested for 2015. The total six year request is for \$695,000.

Over the last 4 budget years, DNS has added 11 additional staff, moved 4 existing staff from the ZMB to the Anderson Building, and expects to fill a number of vacant positions during 2013. Approximately 70 employees will have offices in the Anderson building.

The project will renovate space on the first and second floors. The more extensive renovation will be on the 1st floor. 2,300 SF of garage space will be converted to offices to accommodate 25-27 inspectors at an estimated cost of \$465,000 (\$201.8 / SF). Work on the second floor will primarily consist of the reconfiguration of cubicles and the addition of two walled offices. The second floor will have room for 20 inspectors and 5 clerical staff. The estimated cost is \$225,500.

Cost estimates from DPW Facilities do not include furnishings. The cost of the furnishings is not known at this time. Some furnishings could be repurposed from their existing use.

Remodel of the Development Center Offices

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$122,000		

This is a **new** one year project to create two new enclosed offices at the southeast corner of the Development Center space. This project will increase direct supervision of employees and improve customer service by giving managers direct line of vision to the front counter, cashier and customer service areas. This project will create two new manager offices, a new conference room and two new work stations.

The total project area is 1,182 square feet. The estimated cost per square foot is \$103.20.

Floor plans have been provided. (see CC file 121728)

Remodel ZMB 10th Floor Office Assistant Area

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$80,500		

This is **new** one year request to reconfigure workstations to locate the DNS Trades Division clerical staff in one area. This will facilitate the exchange of information, improve assignment sharing and cross training and allow for better phone coverage.

The total project area is 1,490 square feet. The estimated cost per square foot is \$54.03.

Floor plans have been provided with the capital request. (See CC file 121728)

Past Requests

Anderson Tower Conference Room

This project was first requested for 2012 (\$70,000). No funding provided in the 2012 Budget. No request was submitted for 2013 or 2014.

The project would have upgraded electronic equipment, installed sound and telecommunications systems, and purchased new furniture for the 3rd floor conference room at the Anderson Municipal Building. The room has a capacity of approximately 50 people. The room is frequently used for DNS meetings and training events like the Landlord Training Program. It is also used by other City agencies (Health Dept, Common Council, DER, Election Commission etc) and community groups. If properly equipped, it could also function as an emergency operations center.

PORT OF MILWAUKEE

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request			\$5,200,000	\$800,000	\$6,000,000	458%	
2013			1,075,000		1,075,000	378%	
2012			225,000		225,000		
2011	1,804,300		0		0		1,108,133
2010	3,584,238		0	400,000	400,000	(86%)	
2009	2,477,146		1,500,000	1,450,000	2,950,000	127%	
2008	2,021,438		500,000	800,000	1,300,000		
2007							

The Port of Milwaukee has submitted 16 capital requests. Eight are for inclusion in the 2014 Budget. The remaining eight are out-year requests.

The total six year request is \$19,650,000 and represents a decrease of \$625,000 (3%) from last year's (2013) request.

The large increase from the 2013 Budget is related to the New Crane/Heavy Lift Equipment project which has been in the capital plan for several years and is now scheduled for 2014.

The 2014 request includes \$800,000 in grant funding. The six year request includes \$8.28 million in projected grants. A number of the Port's programs provide matching funds for grants. Some projects such as the Transload Terminal will not move forward if grant funding cannot be secured.

City funding in the capital budget for the Port of Milwaukee has averaged just over \$800,000 per year since 2000. No capital funding was provided in 2010 or 2011. Special Funds which have similar purposes to some of the Port's capital programs make operating funds available. In 2011 and 2012 these Special Funds provided an additional \$545,000. In 2013, \$440,000 was budgeted in special funds for maintaining the Port's capital facilities. (see chart below)

The most recent 3 Year Statement of Intentions for Port activities can be found as an attachment to CC file 121518.

The Department of Public Works is currently evaluating the condition of the Port's facilities. An interim FCAP report is available as an attachment to CC file 121728.

2014 Capital Request Summary – Port of Milwaukee							
Program	2014	2015	2016	2017	2018	2019	6 Yr. Total
Secured Ferry Terminal Parking						100,000	\$100,000
Harbor Maintenance Dredging	50,000				150,000		\$200,000
GRANTS & AIDS							
Cargo Handling Equipment	4,000,000						\$4,000,000
Cargo Handling Equipment Rehab/Upgrade							
City Heavy Lift Dock Improvements		520,000					\$520,000
GRANTS & AIDS		2,080,000					\$2,080,000
Analyze and Upgrade Sewer System	150,000	150,000	150,000	150,000	150,000	150,000	\$900,000
Dockwall Rehabilitation	150,000	150,000	150,000	150,000	150,000	150,000	\$900,000
Pier Berth & Channel Improvements	200,000	200,000	200,000	200,000	200,000	200,000	\$1,200,000
GRANTS & AIDS	800,000	800,000	800,000	800,000	800,000	800,000	\$4,800,000
Rail Track and Service Upgrades	500,000	500,000	500,000				\$1,500,000
Confined Disposal Facility							
Port Security	50,000	100,000	100,000	100,000	100,000	100,000	\$550,000
Roadway Paving			100,000				\$100,000
Rehab Elec Service S. Harbor Tract		100,000					\$100,000
Terminal Resurfacing		250,000			100,000		\$350,000
Port Facility Systems	100,000		100,000		100,000		\$300,000
Demolish Expired Leasehold Facilities		100,000					\$100,000
Transload Terminal				350,000			\$350,000
GRANTS & AIDS				1,400,000			\$1,400,000
Liquid Cargo Pier							
Energy Initiative			100,000		100,000		\$200,000
Total Grants & Aids	\$800,000	\$2,880,000	\$800,000	\$2,200,000	\$800,000	\$800,000	\$8,280,000
Total City Funding	\$5,200,000	\$2,070,000	\$1,400,000	\$950,000	\$1,050,000	\$700,000	\$11,370,000
TOTAL PORT OF MILWAUKEE	\$6,000,000	\$4,950,000	\$2,200,000	\$3,150,000	\$1,850,000	\$1,500,000	\$19,650,000

Port of Milwaukee Special Funds*				
	2010 <i>Actual</i>	2011 <i>Actual</i>	2012 <i>Budget</i>	2013 <i>Budget</i>
Major Maintenance – Terminals & Piers	95,000	110,072	100,000	110,000
Major Rehab & Upgrades – Equipment	43,615	71,856	50,000	50,000
Environmental Cleanup Fund	70,000	37,646	100,000	50,000
Harbor Maintenance Dredging	46,500	0	50,000	50,000
Equipment Rehab & Upgrade	51,540	113,932	75,000	100,000
Dockwall & Breakwater Rehabilitation	31,978	29,221	100,000	70,000
Energy Efficiency Upgrade	52,000	31,338	0	0
Leasehold Demolition	2,223	12,701	40,000	10,000
Sewer System Upgrade	1,041	24,198	30,000	0
Harbor Security	19,664	0	0	0
Total *	\$413,561	\$430,964	\$545,000	\$440,000
<i>*This table excludes Summerfest related special funds</i>				

Rail Track & Service Upgrades (1 of 16)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$500,000	100%	
2013	0		250,000		250,000		
2012	0				0		
2011	0				0		84,320
2010	0				0		0
2009	0				0		0
2008	0				0		0
2007	0	100,000		100,000	200,000		1,066

This program provides funding to upgrade the 17 miles of rail track system on an on-going basis to meet modern day safety and service load requirements. The Port plans to begin a railroad crossing replacement program in 2013, replacing ten crossings at a cost of \$45,000. The Port also anticipates beginning a five year replacement program to upgrade track to 110/115 lbs. The Port will seek grant funding supplement the City's budget.

Earlier funding in this account included \$25,000 and \$100,000 in 2002 and 2004.

The 2014 six year request has increased by \$1.05 million (233%) from the 2013 request. Although this is a five year program, funding is only requested through 2016. The Port will assess its progress and adjust future capital requests accordingly.

Request Summary (2014)

2014	\$500,000
2015	\$500,000
2016	<u>\$500,000</u>
Total	\$1,500,000

New Crane /Heavy Lift Equipment (2 of 16)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$4,000,000		
2013							
2012							
2011							
2010							
2009							
2008							
2007							

This project has been in the capital plan since at least 2009. The amount of the request has not changed since 2011. The Port is pursuing grant opportunities to help offset the cost of the equipment. Recent changes to the Wisconsin Department of Transportation (WisDOT) regulations relative to oversize cargo rules will allow materials for the wind energy industry to move through the Port.

Analyze and Upgrade Sewer System (3 of 16)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$150,000		
2013							
2012							
2011							
2010							
2009	79,500						
2008	79,500						
2007	79,500						

This program provides funding for the inspection and rehabilitation of the Port's sewer system to ensure that it remains in compliance with state and federal regulations. No specific projects were included in the 2014 request.

Since 2000, this program has received \$200,000 in funding. \$50,000 in 2001 and \$150,000 in 2005. There have been no recent expenditures from this capital account. Expenditures from the sewer system upgrade special fund totaled \$1,041 and \$24,198 in 2010 and 2011 respectively. The special fund received an additional \$30,000 in 2012. No funding was provided in 2013.

In 2009 \$79,500 in general obligation borrowing authority lapsed.

The 2014 six year request is \$800,000 (700%) more than the requests from 2012 and 2013.

Six –year Request history

2014 \$150,000 each year; Total \$900,000

2013 \$100,000 for 2013

2012 \$100,000 for 2013

2011 \$75,000 for 2011, \$200,000 for 2013; \$200,000 for 2015; Total \$475,000

Dockwall Rehabilitation (4 of 16)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$150,000		
2013	150,000				0		
2012	24,568				150,000		
2011	146,721				0		0
2010	500,000				0		137,207
2009	373,370				150,000		353,286
2008	400,000				0		0
2007	150,000				250,000		30,821

This program provides funding for the dock wall rehabilitation program necessary to avert costly emergency repairs and to maintain the dock wall in appropriate condition for cargo operations. Lease documents often require the city to maintain dock walls for its tenants. Loss of revenue to the City may result if the dock walls are not kept in a safe and useable condition.

Between 2004 and 2007, this program received a total of \$500,000 in funding. Additional funding of \$150,000 was received in 2009 and 2012. The special fund for Dock Wall Rehabilitation received \$100,000 in 2011 and 2012 and \$70,000 in 2013. Actual expenditures were \$31,978 and \$29,221 in 2010 and 2011 respectively.

In 2009, \$23,370 in general obligation borrowing authority lapsed. An additional \$9,513 lapsed in 2013.

Six –year Request History

2014	\$150,000 each year	Total \$900,000
2013	\$150,000 each year	Total \$900,000
2012	\$150,000 each year	Total \$900,000
2011	\$150,000 each year	Total \$900,000

Pier Berth and Channel Improvements (5 of 16)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request			200,000	800,000	\$1,000,000	0%	
2013	0		200,000	800,000	1,000,000	(25%)	
2012	300,000		0	800,000	800,000		
2011	300,000		0	0	0	(100%)	0
2010	1,000,000		0	400,000	400,000	(60%)	0
2009	900,000		200,000	800,000	1,000,000	(100%)	0
2008	800,000		100,000	400,000	500,000	(75%)	0
2007	800,000		400,000	1,600,000	2,000,000		173,875

This program provides funding 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.

Since 2000, this program has received \$3.97 million in City funding. It did not receive City funding in the years 2010, 2011 or 2012. Grant amounts shown in the budget for those years are projections and do not reflect actual funding received.

No projects were identified in the 2013 or 2014 request.

In 2008, \$400,000 of general obligation borrowing authority lapsed. Amounts of \$28,600 and \$280,000 lapsed in 2011. Additionally, \$193,114 and \$100,000 lapsed in 2013.

Six –year Request History (excluding grant funding)

2014	\$200,000 each year	Total \$1,200,000
2013	\$200,000 each year	Total \$1,200,000
2012	\$200,000 each year	Total \$1,200,000
2011	\$200,000 each year	Total \$1,200,000

Port Facilities Systems (6 of 16)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$100,000		
2013	0				0		
2012	100,000				0		
2011	100,000				0		32,780
2010	100,000				0		0
2009	100,000				0		0
2008	0		100,000		100,000		0
2007	0				0		0

This program provides funding to do major maintenance repairs to terminals and piers. This fund is also used to do emergency work as required for projects which exceed special funds set aside for Major Maintenance. This program received \$100,000 of funding in 2008. Funding of \$100,000 is requested in 2014, 2016 and 2018.

The Major Maintenance – Terminals and Piers Special Fund received \$100,000 of funding in 2011 and 2012 and \$110,000 in 2013. Actual expenditures from the special fund were \$95,000 and \$110,072 in 2010 and 2011.

In 2011, \$118,908 in general obligation borrowing authority lapsed from the Major Maintenance – Terminals and Piers Special Fund. An additional \$67,220 lapsed in 2013.

Requested funding in 2013 would have been used for tuckpointing on Terminals 3 and 4 which exceeded the available O&M funding. No funding was provided. No specific projects were identified for 2014.

Six –year Request History

- 2014 Total \$300,000
- 2013 Total \$500,000
- 2012 Total \$300,000
- 2011 Total \$300,000

Port Security (7 of 16)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$50,000		
2013	0		50,000		50,000		
2012	400,000				0		
2011	400,000				0		811,054
2010	500,000				0		0
2009	200,000		400,000	650,000	1,050,000		0
2008	200,000				0		0
2007	246,550				0		11,411

This ongoing program is used to implement security measures and mandates enacted by the Department of Homeland Security and the US Coast Guard. From 2004 through 2006, this program received a total of \$450,000 in funding. An additional \$400,000 in city funding was provided in 2009.

The special fund for Harbor Security did not receive funding in 2011, 2012 or 2013. Actual expenditures from the special fund for 2010 and 2011 were \$19,664 and \$0 respectively.

A total of \$475,700 in general obligation borrowing authority has lapsed in this account since 2008, including \$239,400 that lapsed in 2013.

Six –year Request History

2014	\$100,000 each year except 2014	Total \$550,000
2013	\$100,000 each year	Total \$600,000
2012	\$100,000 each year	Total \$600,000
2011	\$100,000 each year	Total \$600,000

Harbor Maintenance Dredging (8 of 16)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$50,000		
2013	0				0		
2012	100,000				0		
2011	100,000				0		0
2010	100,000				0		0
2009	100,000				0		0
2008	0		100,000	400,000	500,000		0
2007	0				0		0

This program provides funding to maintain the navigation channels in certain areas of the harbor. It received \$100,000 of capital funding in 2008. Funding is requested for 2014 and 2018 in the amounts of \$50,000 and \$150,000 respectively.

The special fund that supports Harbor Maintenance Dredging received \$50,000 each year in 2011, 2012 and 2013. Actual expenditures from the special fund were \$46,500 and \$0 in 2010 and 2011.

In 2013, \$100,000 of general obligation borrowing authority lapsed from the capital account.

Because of the historically low Lake Michigan water level, the Port has received requests from tenants to investigate the need for dredging in their areas.

Six –year Request History

2014	Total \$200,000
2013	Total \$350,000
2012	Total \$350,000
2011	Total \$450,000

Out Year Requests

Demolish / Rehabilitate Expired Leasehold Facilities (9 of 16) *(Out year request - 2015)*

This program has received no capital funding. A request for capital funding was first received in 2012. The 2014 request is for \$100,000 in **2015**. No specific buildings were identified for demolition.

The special fund for Leasehold Demolition received \$40,000 in 2011 and 2012 and \$10,000 in 2013. Actual expenditures from the special fund were \$2,223 and \$12,701 in 2010 and 2011 respectively.

Six –year Request History

2014	\$100,000 in 2015	
2013	\$100,000 in 2013 and 2015	Total \$200,000
2012	\$100,000 in 2013 and 2015	Total \$200,000

Rehab Electrical Services - South Harbor Tract (10 of 16) *(Out year request -2015)*

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013	0						
2012	79,695				0		
2011	97,542				0		29,019
2010	100,000						17,848
2009	100,000						2,457
2008					100,000		0
2007							

This project received \$100,000 in funding in 2008. The 2014 request is for \$100,000 in **2015**, to complete Phase III of this project. Phase I and Phase II were completed in 2010 and 2011 respectively. The request stated that the project has been delayed “due to the critical nature of other proposed Port capital projects”.

In 2013 \$50,675 in general obligation borrowing authority lapsed.

Roadway Paving (11 of 16) *(Out year request - 2016)*

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013	0		100,000		100,000		
2012	0				0		
2011	0				0		115,785
2010	0				0		0

This program provides funding for the maintenance of roadways on Jones Island and the South Harbor Tract. These roadways are not maintained by DPW on a regular basis. Because they are not public thoroughfares, they are not eligible to be paid for with funds from the wheel tax.

This program has received almost no capital funding since 2000. \$50,000 was provided in the 2002 Budget and \$100,000 was provided in 2013. The 2014 request asks for \$100,000 in **2016**.

Six –year Request History

2014 \$100,000 in 2016
 2013 Total \$300,000
 2012 \$200,000 in 2015
 2011 Total \$300,000

Terminal Resurfacing (12 of 16)*(Out year request - 2015)*

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013	0		150,000		150,000		
2012	340,140		0		0		
2011	340,140		0		0		35,175
2010	350,000		0		0		12,763
2009	100,000		250,000		250,000		9,859
2008	0		100,000		100,000		0
2007	0				0		0

Since 2000, this program has received \$500,000 in funding. The 2014 request is for \$250,000 in **2015** and \$100,000 in **2018**.

In 2013, \$151,418 in general obligation borrowing authority lapsed.

DPW is in the process of evaluating the condition of the Port’s facilities. An interim report can be found in CC File 121728. One of the findings in the report indicated that the Bulk Terminal pavement exhibited significant alligator cracking. It was evaluated as being in “fair” condition.

Six –year Request History

2014 Total \$350,000
 2013 Total \$500,000
 2012 Total \$500,000
 2011 Total \$250,000

City Heavy Lift Dock Improvements (13 of 16)*(Out year request - 2015)*

This is a request for a two year project to increase the length and weight bearing capacity of the heavy lift dock. A capital request was first submitted in 2012 anticipating the need for funding in **2015**. No capital funding has been provided. The request includes \$520,000 of City funding and \$2,080,000 of grant funding. Funding will provide the City’s match (20%) of the Harbor Assistance Grant.

Six –year Request History (excluding grant funding)

2014 \$520,000 for 2015
 2013 \$520,000 for 2015
 2012 \$520,000 for 2015

Energy Efficiency Upgrades (14 of 16)*(Out year request - 2016)*

This program has received no capital funding. A capital request was first received in 2011. Funding would pay for aluminum coated roofs on Port Buildings. Funding will not be required until **2016**. The request includes \$100,000 in 2016 and 2018. The total amount is unchanged from the 2013 request. To date only one roof has been suitable for replacement under this program.

The special fund for Energy Efficiency Upgrades did not receive funding in 2011, 2012 or 2013. Actual expenditures from the special fund were \$52,000 in 2010 and \$31,338 in 2011.

Six –year Request History

2014 Total \$200,000
 2013 Total \$200,000
 2012 Total \$200,000
 2011 Total \$300,000

Secured Ferry Terminal Parking (15 of 16) (Out year request - 2019)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013	0				0		
2012	0				0		
2011	0				0		0
2010	200,000				0		0
2009	212,850				0		0
2008	212,850				0		0

This project will provide improvements to the long term parking facilities in support of the Port’s passenger operations. This program has received a total of \$400,000 in capital funding; \$200,000 in 2005 and 2006. The City’s lease with the ferry operator requires the City to build additional facilities as they are needed. In 2012 the Port requested funding for 2013. The Port now believes that construction can be deferred until 2019.

Six –year Request History

2014 \$100,000 for 2019
 2013 \$100,000 for 2014
 2012 \$100,000 for 2013

Transload Terminal (16 of 16) (Out year request - 2017)

This was a new request in 2012 for funding in 2014. The 2014 request moves the funding (\$350,000) to **2017**. The transload terminal would provide intermodal transportation between rail/truck modes and water modes (ferry/barge). It is anticipated that development and construction of the facility will take three years.

This project is grant dependent and will not move forward unless grant funding can be secured. Grant funding is anticipated to be \$1.4 million. The Port will apply for grant funding when the project gets closer to construction.

Six –year Request History (excluding grant funding)

2014 \$350,000 for 2017
 2013 \$350,000 for 2014
 2012 \$350,000 for 2014

Past Requests

Liquid Cargo Pier

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013	0		250,000		250,000		

This was a new project for 2013 to provide supplemental funding for the liquid cargo pier project. Additional damage to the pier was discovered during the rehabilitation project. Repairing the damage was not an eligible expense under the terms of the grant that was used to pay for 80% of the original project. The project was funded as requested in the 2013 Budget. **No additional request was submitted for 2014.**

Confined Disposal Facility Expansion

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013	75,000	75,000			75,000		
2012	0		75,000		75,000		
2011	0				0		
2010	0				0		0
2009	127,458				0		0
2008	140,858				0		0
2007	140,858				0		32,851

This program provides funding for the recovery of land by way of land fill. This program sustains the continued restoration of confined disposal facilities into marketable waterfront development. Funding for this program has historically been titled "Acquire and Rehab KK River Site". In 2005, a technical amendment was adopted by Common council changing the title to "Confined Disposal Facility Expansion". The 2013 request did not anticipate the need for additional funding. **No request was submitted in 2014.**

In addition to recent funding, \$175,000, \$75,000 was provided in 2005 and 2006.

In 2009, \$127,458 in general obligation borrowing authority lapsed.

Cargo Handling Equipment Rehabilitation and Upgrade

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013					0		
2012	283,017				0		
2011	319,897				0		0
2010	500,000				0		36,880
2009	50,000		500,000		500,000		180,103
2008	50,000				0		
2007	50,000				0		

This program received \$50,000 of funding in 2005 and \$500,000 in 2009. \$500,000 was requested in 2013 to pay for major overhauls of cranes and/or the purchase of wind cargo equipment. No funding was included in the 2013 Budget. **No request was submitted in 2014.**

Equipment related special funds received \$125,000 in funding in 2011 and 2012 and \$150,000 2013. Actual expenditures were \$51,500 in 2010 and \$114,000 in 2011.

In 2009, \$50,000 of general obligation borrowing authority lapsed. An additional \$32,459 lapsed in 2013.

PARKING FUND

(in thousands)

Budget Yr.	Carryover Borrowing	New Borrowing	Perm Imp Reserve.	Grant/Aid	Total	Change	Actual
2014 Request		\$3,865	\$5,000		\$8,865	39%	
2013	2,226	1,441	5,000		6,441	11%	
2012	2,985	790	5,000		5,790	(6%)	
2011	2,590	1,175	5,000		6,175	4%	1,523
2010	4,439	950	5,000		5,950	(25%)	1,859
2009	4,098	2,936	5,000		7,936	3%	2,039
2008	2,636	2,700	5,000		7,700	38%	1,385
2007	3,681	595	5,000		5,595		2,142

The Department of Public Works has submitted eleven capital requests for the Parking Fund. Six requests are for parking structure maintenance and five are for other projects. Only five requests are for funding in 2014.

Excluding the amounts from the Permanent Improvement Reserve, the total six year request is \$14.92 million and represents an increase of \$7,194,000 (93%) from last year's (2013) request.

The majority (\$6.2 million) of the increase in the six year request is related to five new projects; the paving of the tow lot and other surface lots (\$150,000); the purchase of credit card mechanisms for single space parking meters (\$1.3 million), a new program for replacing multi-space meters as they wear out (\$1.1 million), the replacement of revenue control and access equipment at four parking structures (\$1.55 million) and the relocation of staff from the 123 Building (\$2.15 million). Only the paving and staff relocation projects are proposed for 2014.

The 2014 request also increases proposed parking structure maintenance over the next six years by \$2.4 million from the 2013 request.

No additional funding was requested for the License Plate Recognition project or the parking Meter Wireless Network project which were both funded in 2013.

2014 Capital Request Summary – DPW Parking							
	2014	2015	2016	2017	2018	2019	6 Yr. Total
Structure Maintenance							
1000 N. Water		140,000	50,000	400,000			\$590,000
2 nd & Plankinton	450,000	370,000		300,000	300,000		\$1,420,000
4 th & Highland		115,000	460,000		350,000		\$925,000
MacArthur Square	1,010,000	400,000	500,000		500,000	950,000	\$3,360,000
Milwaukee Michigan		300,000		550,000	300,000	100,000	\$1,250,000
Parking Facility Repair and Maintenance	200,000	100,000	200,000	200,000	150,000	250,000	\$1,100,000
Other Projects							
Repave Tow Lots and Surface Lots	55,000	40,000	55,000				\$150,000
Single Space Credit Card Meter Mechs		675,000	650,000				\$1,325,000
Replace Multi-Space Meters						1,100,000	\$1,100,000
Parking Structure Revenue Control and Access Equipment			50,000	1,500,000			\$1,550,000
Joint Dispatch/Parking Relocation	2,150,000						\$2,150,000
Total	\$3,865,000	\$2,140,000	\$1,965,000	\$2,950,000	\$1,600,000	\$2,400,000	\$14,920,000

Parking Facility Maintenance (Misc Structural/Mechanical/Electrical Maintenance)

Budget Yr.	Carryover Borrowing	New Borrowing	Perm Imp Reserve.	Grant/Aid	Total	Change	Actual
2014 Request					\$200,000		
2013	748,696	0			0		
2012	658,905	250,000			250,000	(100%)	
2011	606,791	250,000			250,000		195,943
2010	450,000	400,000			400,000	60%	492,999
2009	200,000	250,000			250,000	25%	207,448
2008	0	200,000			200,000		39,792
2007	0				0		0

Funding for this program is used to provide necessary repairs of structural, mechanical and electrical deficiencies of a non-emergency nature. Funding is also used to correct unplanned deficiencies identified by violation reports issued by building code inspectors that are time-sensitive in nature. No funding was requested in 2013 because there was sufficient carryover authority.

Six Year Request History

2014	\$1,100,000	(varies between \$100,000 and \$250,000)
2013	\$900,000	(\$100,000 in 2014 and \$200,000 2015-2018)
2012	\$1,400,000	(\$250,000 each year except 2014)
2011	\$1,500,000	(\$250,000 each year)

Second and Plankinton Parking Structure Repairs

Budget Yr.	Carryover Borrowing	New Borrowing	Perm Imp Reserve.	Grant/Aid	Total	Change	Actual
2014 Request					\$450,000		
2013	865,000				0		
2012	325,000	540,000			540,000	66%	
2011	0	325,000			325,000		17,940
2010	0						190
2009	0						
2008	0						
2007	0						

The 2014 six year request has increased by \$370,000 (35%) from the 2013 request. Newly proposed maintenance includes the modernization of the structures west elevator.

Anticipated Work (2014 request)

2014	Paint interior (last painted in 1999)	\$450,000
2015	Modernize west elevator	\$370,000
2017	Caulk joints and paint exterior components (orig. scheduled for 2015)	\$300,000
2018	Concrete repairs and application of epoxy overlay	<u>\$300,000</u>
		\$1,420,000

MacArthur Square Parking Structure Repair / Renovation

Budget Yr.	Carryover Borrowing	New Borrowing	Perm Imp Reserve.	Grant/Aid	Total	Change	Actual
2014 Request					\$1,010,000		
2013	0				0		
2012	290,000				0		
2011	1,181,842				0		608,641
2010	2,160,000				0		0
2009	2,297,522	290,000			290,000		1,036,173
2008	733,600	1,500,000			1,500,000		84,258
2007	730,000	370,000			370,000		27,952

The 2014 six year request has increased by \$1,485,000 (79%) from the 2013 request. Newly proposed projects include the evaluation and upgrade of the electrical system, the replacement of a roof expansion joint and the painting of the James Lovell level.

Anticipated Work (2014 request)

2014	Repair concrete; re-apply membrane; pavement markings; replace expansion joint (J Lovell level); evaluate electrical system	\$1,010,000
2015	Repair concrete surfaces; paint lower level (E & W sides)	\$400,000
2016	Repair elevated slabs; reapply membrane; repaint pavement markings	\$500,000
2018 - 2019	Electrical upgrade project	\$500,000
2019	Paint J Lovell level; replace roof expansion joint	<u>\$950,000*</u>
		\$3,360,000

*a portion of 2019 funding will be used to complete the electrical upgrade project.

Repave Tow Lots and Some Surface Lots

Budget Yr.	Carryover Borrowing	New Borrowing	Perm Imp Reserve.	Grant/Aid	Total	Change	Actual
2014 Request					\$55,000		

This is a **new** request for a 3 year paving project. One third of the Tow Lot's pavement will be replaced each year. Phasing the project will minimize operational disruptions. Various surface lots will also be repaired.

The City maintains approximately 40 surface parking lots. Many of the lots have not been paved in 25 years.

Proposed funding for the project:

2014	\$55,000
2015	\$40,000
2016	<u>\$55,000</u>
Total	\$150,000

Joint Dispatch /Parking Enforcement Relocation

Budget Yr.	Carryover Borrowing	New Borrowing	Perm Imp Reserve.	Grant/Aid	Total	Change	Actual
2014 Request					\$2,150,000		

This is a **new** request for a one year project to relocate the Parking dispatchers and Parking Enforcement staff from their current location at 123 N. 25th Street where DPW leases space from MMSD.

The 123 Building is a two story light industrial facility. It contains offices, the tire repair shop and storage space. The structure was developed in 1988 and renovated in 2001 to accommodate Parking operations. As of December 2011, the Facility Condition Index for the building was 0.0.

The next major anticipated expenditure for this facility will be in 2017 when DPW estimates that \$568,000 will be required to replace various site features such as parking lots, fencing, bollards, fuel islands and underground storage tanks. Various interior and building control components are expected to require \$1.2 million in 2020.

The complete FCAP Report for the 123 Building is available as an attachment to CC file 111338 "DPW Facilities 2011 FCAP Update Feb 2012".

Annual rent payments are indexed for inflation and are currently \$141,377. The terms of the City's lease with MMSD may require the City to make capital investments at this facility.

Estimated costs for this move are:

Move	Tire Shop	to Central Repair	\$685,000
Move	Parking Dispatch	to Fleet Dispatch	\$188,000
Move	Parking Enforcement	to Lincoln Garage	<u>\$1,245,900</u>
			\$2,118,900

Out Year Requests

1000 North Water Parking Structure Repairs

(Out year request - 2015)

Budget Yr.	Carryover Borrowing	New Borrowing	Perm Imp Reserve.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013	0				0		
2012	560,000				0		
2011	260,000				0		149,822
2010	560,000				0		700,367
2009	252,324	560,000			560,000		34,268
2008	5,900				0		7,894
2007	195,000				0		33,486

The City is obligated to the condo association to maintain this structure.

The 2014 six year request has increased by \$190,000 (48%) from the 2013 request. Newly proposed maintenance includes the elevator cabling project and the replacement of 8 security cameras.

Anticipated Work (2014 request)

2015 Elevator cabling	\$400,000
2016 Replace 8 security cameras	\$140,000
2017 Replace expansion joints; sealer; pavement markings	<u>\$50,000</u>
	\$590,000

Fourth and Highland Parking Structure Repairs

(Out year request – 2015)

Budget Yr.	Carryover Borrowing	New Borrowing	Perm Imp Reserve.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013	518,559				0		
2012	549,425				0		
2011	0				0		9,407
2010	0	550,000			550,000		19,250
2009	0				0		0
2008	0				0		0
2007	0				0		0

The 2014 six year request has increased by \$115,000 (14%) from the 2013 request. Newly proposed maintenance include the installation of an electrical back up system, cable replacement in two elevators, and the replacement of 10 windows on the south curtain wall.

Anticipated Work (2014 request)

2015 Electrical backup system (\$30K), elevator cabling (\$65K), windows (\$20K)	\$115,000
2016 Paint and repair expansion joints (originally scheduled for 2015)	\$460,000
2018 Joint caulking; water repellent sealer; pavement markings	<u>\$350,000</u>
	\$925,000

Milwaukee/Michigan Parking Structure Repairs (Out Year Request - 2015)

Budget Yr.	Carryover Borrowing	New Borrowing	Perm Imp Reserve.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013	0				0		
2012	0				0		
2011	0				0		0
2010	0				0		529,278
2009	512				0		772
2008	614,000				0		511
2007	615,000				0		0

The City is contractually obligated to Johnson Controls to make capital improvements at this structure.

The amount 2014 six year request is unchanged from the 2013 request. The only new component is the façade inspection proposed for 2015.

Anticipated Work (2014 request)

2015	Joint caulking and paint (painting originally scheduled for 2013); façade inspection	\$300,000
2017	Traffic membrane (last applied in 2005); pavement markings; water repellent sealer	\$550,000
2018	Replace slabs and pavement markings	\$300,00
2019	Planning and administration for steel component painting	<u>\$100,00</u>
		\$1,250,000

Single Space Credit Card Meter Mechanisms (Out Year Request - 2015)

Budget Yr.	Carryover Borrowing	New Borrowing	Perm Imp Reserve.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		

This is a **new** 2 year project to install single space credit card parking meters in the downtown and Third Ward where there are less than six contiguous parking spaces and parking rates are at least \$1.00 per hour. Funding of \$675,000 and \$650,000 is requested for **2015** and **2016** respectively. The request does not specify how many meters will be installed.

Replace Multi-Space Meters (Out Year Request - 2019)

Budget Yr.	Carryover Borrowing	New Borrowing	Perm Imp Reserve.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		

This is a **new** out-year request to begin planning for the ultimate replacement of the multi-space parking meters that the City began installing in 2007. The meters have a 10-12 year useful life and by 2019 will likely need to be replaced or need substantial maintenance. Since 2007, the City has invested nearly \$3.4 million installing multi-space meters in the downtown area and in the Third Ward. Meters have been installed in areas that have at least six contiguous parking spaces and have parking rates of at least \$1.50 an hour.

Funding of \$1.1 million is requested for **2019**.

Parking Structure Revenue Control and Access Equipment*(Out Year Request - 2016)*

Budget Yr.	Carryover Borrowing	New Borrowing	Perm Imp Reserve.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		

This is a **new** request for a project scheduled to begin in **2016** to replace revenue control and ingress/egress equipment at four parking garages. The equipment being replaced was installed in 2004 and has a useful life of 9-11 years.

Funding of \$50,000 and \$1,500,000 has been requested for **2016** and **2017** respectively.

Past Requests

License Plate Recognition System

Budget Yr.	Carryover Borrowing	New Borrowing	Perm Imp Reserve.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013		721,000			721,000		

This was a new request in 2013 for a one year project to install license plate recognition (LPR) cameras on up to 35 parking enforcement jeeps. The technology can confirm the purchase of a night parking permit, identify vehicles that have been reported stolen and recognize vehicles with outstanding violations. The cameras will be used for both day and night parking enforcement. Cost savings can be expected by the elimination of the printing of physical permits and the elimination of the need for staff to sell permits.

Funding was provided in the 2013 Budget. **No additional funding was requested for 2014.**

Parking Meter Wireless Network

Budget Yr.	Carryover Borrowing	New Borrowing	Perm Imp Reserve.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013		170,000	550,000		720,000		

This is was a new request in 2013 for a one year project to install a wireless communications (WiFi) network for the City's multi-space meters. Installing a WiFi network will reduce cellular communication costs. Expected savings over the 7 year useful life of the hardware is \$288,000. The installation of this network will also provide free wireless internet access in the downtown area.

Funding was provided in the 2013 Budget. **No additional funding was requested for 2014.**

Multi-Space Meters

Budget Yr.	Carryover Borrowing	New Borrowing	Perm Imp Reserve.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013	93,537				0		
2012	597,006				0		
2011	679,431				600,000		541,709
2010	689,431				0		0
2009	1,000,000				1,300,000		562,830
2008	586,700				1,000,000		1,000,001
2007	1,300,000				0		1,275,000

Between 2006 and 2009 this program received \$4.2 million in funding to replace single space parking meters with multi-space electronic meters that accept credit/debit card payments. No requests for additional funding were received in 2012, 2013 or 2014.

DPW – Water Works

(in thousands)

Budget Yr.	Carryover Borrowing	Borrowing	Retained Earnings	Assess-ments	Developer Funded	Total	Change	Actual
2014 Request						\$13,825	0%	
2013	12,710	8,000	5,450	100	300	13,850	49%	
2012	4,020	8,690	500	30	100	9,320	(54%)	
2011	11,600	4,045	16,200	100	300	20,645	3%	12,170
2010	12,275	0	19,630	100	300	20,030	(26%)	16,826
2009	12,500	0	26,696	100	300	27,096	(26%)	19,308
2008		12,500	23,569	100	600	36,769	46%	18,124
2007	0	0	24,540	0	600	25,141		15,485

The Milwaukee Water Works (MWW) has submitted eleven capital requests for the 2014 Budget. Eight requests are for funding in 2014.

The total six year request is \$149,035,000 and represents an increase of \$11.8 million (9%) from last year's (2013) request. Most of the increase is related to the water main program. The six year request for that program has increased by \$16 million from the 2013 request. There was also a significant increase (\$9.2 million) in the six year request for Pump Facilities projects. Most other programs saw decreases between \$1.3 million and \$4.6 million.

The MWW capital program relied on debt financing for 2012. Debt financing will also be utilized in 2013. It is believed that by 2014 the cash position of the MWW will have stabilized, aided by a rate increased that the department was authorized by the Common Council (CC file 121524) on March 21, 2013 to apply for.

The 2014 request anticipates that the department will be able to return to more traditional levels of water main replacement by 2017.

(In thousands)

Program	2009 Actual	2010 Actual	2011 Actual	2012 Budget	2013 Budget	2014 Request	6 year Request
Water Main Program	\$14,071	\$9,729	\$3,909	\$630	\$8,000	\$10,000	\$80,000
Feeder Main						\$1,500	11,000
Linnwood Plant							
Building	\$1,790	\$791	\$5	\$1,040	\$150	0	\$2,185
Treatment	\$394	\$515	\$151	\$400	\$300	\$775	\$5,350
Howard Plant							
Building	\$194	\$23	\$335	\$200	\$100	\$100	\$1,350
Treatment	\$27	\$167	\$98	\$50	\$100	\$150	\$3,650
Pump Facilities	\$584	\$2,255	\$754	\$2,250	\$0	\$100	\$30,200
Storage Facilities	\$1,523	\$1,373	\$1,088	\$200	\$1,400	0	\$7,500
Meter Shop	\$0	\$903	\$84	\$50	\$0	\$700	\$700
Backup Power	\$724	\$1,070	\$5,745	\$4,500	\$3,800	0	\$6,600
Contingencies						\$500	500
Total	\$19,308	\$16,826	\$12,170	\$9,320	\$13,850	\$13,825	\$149,035

Distribution Water Main System Program

(in thousands)

Budget Yr.	Non-Assess	Borrowing	Assessable	Developer	Total	Change	Actual
2014 Request					\$10,000	25%	
2013		7,600	100	300	8,000	1,170%	
2012	500		30	100	630	(96%)	
2011	15,400		100	300	15,800	3%	3,743
2010	15,000		100	300	15,400	(8%)	9,729
2009	16,380		100	300	16,780	3%	14,071
2008	15,560		100	600	16,260	4%	12,354
2007	15,040		0	600	15,640		12,094

Since 2001, the MWW has received an average of \$12.8 million in funding for its distribution system. Between 2001 and 2009, MWW has expended, on average, 78% of its appropriation. Because of the revenue loss in 2010, MWW began to scale back its 2010 capital program. A total of \$9.7 million and \$3.7 million was expended for water main replacement in 2010 and 2011 respectively.

In 2011, MWW received \$15.4 million in non-assessable funding for its water mains. Because of continuing cash flow constraints MWW chose to defer additional projects and expended only \$3.7 million, replacing approximately 4 miles of water main. The remaining \$11.8 million was available to fund projects in 2012. MWW anticipates expending \$5.0 million to replace 5 miles of water main in 2012.

Request Summary

2014	\$10,000,000
2015	\$11,000,000
2016	\$12,500,000
2017	\$15,500,000
2018	\$15,500,000
2019	\$15,500,000

Six year request history

2014	\$80,000,000
2013	\$64,000,000
2012	\$42,500,000
2011	\$106,070,000

The 2013 Budget provided a total of \$8,000,000 for water mains, the majority of which will be financed with borrowing. The total water main request for 2014 (including feeder mains) represents a 44% increase from the 2013 Budget amount.

On March 21, 2013, the Common Council adopted a resolution (CC file 121524) authorizing the Milwaukee Water Works to apply for a rate increase. The increase is anticipated to increase revenue by \$1.2 million in 2013.

Feeder Main Program

This program enables the Milwaukee Water Works to satisfy consumer needs and to protect the health and safety of Milwaukee citizens. Changing water use patterns necessitate the addition of feeder mains to improve pressures and flows.

Although the Distribution Water Main Program and the Feeder Main Program are requested separately, they are typically budgeted together.

Request Summary

2014	\$1,500,000
2015	\$1,500,000
2016	\$2,000,000
2017	\$2,000,000
2018	\$2,000,000
2019	\$2,000,000

Six year request history

2014	\$11,000,000
2013	\$10,000,000
2012	\$4,500,000
2011	\$8,650,000

Linnwood Plant Building Improvements

Budget Yr.	Non-Assess	Borrowing	Assessable	Developer	Total	Change	Actual
2014 Request					\$0		
2013	150,000				150,000	(86%)	
2012	1,040,000				1,040,000	100%	
2011		520,000			520,000		5,184
2010						(100%)	791,218
2009	250,000				250,000	(93%)	1,790,166
2008	3,390,000				3,390,000	54%	1,069,610
2007	2,200,000				2,200,000		193,088

Since 2001 this program has received \$9.4 million in funding. Funding has been highly variable. The most significant funding years were 2007, 2008 and 2012 when \$2.2 million, \$3.4 million, and \$1 million respectively were budgeted.

The large decrease in the six year request from 2011 to 2012 was due to the delay in the PSC approval of the rate case.

Funding in 2013 will pay for skylight filters that will reduce sunlight and reduce algae growth on treatment filters.

There are no projects scheduled for 2014.

Request Summary

2014	\$0
2015	\$450,000
2016	\$210,000
2017	\$125,000
2018	\$400,000
2019	\$1,000,000

Six year request history

2014	\$2,185,000
2013	\$2,135,000
2012	\$200,000
2011	\$4,880,000

Linwood Plant Treatment Improvements

Budget Yr.	Non-Assess	Borrowing	Assessable	Developer	Total	Change	Actual
2014 Request					\$775,000	158%	
2013		300,000			300,000	(25%)	
2012	400,000				400,000	(69%)	
2011		1,275,000			1,275,000	264%	151,289
2010	350,000				350,000	(67%)	514,968
2009	1,050,000				1,050,000	(2%)	394,366
2008	1,075,000				1,075,000	115%	2,786,803
2007	500,000				500,000		1,114,547

Since 2001, \$8.5 million has been budgeted for this program.

The large decrease in the six year request from 2011 to 2012 was due to the delay in the PSC approval of the rate case.

Funding for 2013 will fund a project to assess and mitigate deficiencies of various steel pipelines associated with the water treatment process

The 2014 request will fund the design phase of the Motor Control Centers Replacement (MCC) project. There are four MCC units at Linnwood. MCC #4 is currently being designed, #2 and #3 will be designed in 2014 and #1 is planned for 2016.

Request Summary

2014	\$775,000
2015	\$1,975,000
2016	\$300,000
2017	\$1,150,000
2018	\$1,150,000
2019	\$0

Six year request history

2014	\$5,350,000
2013	\$10,000,000
2012	\$3,900,000
2011	\$17,880,000

Howard Plant Building Improvements

Budget Yr.	Non-Assess	Borrowing	Assessable	Developer	Total	Change	Actual
2014 Request					\$100,000		
2013	100,000				100,000	(50%)	
2012	200,000				200,000	(43%)	
2011	350,000				350,000		334,932
2010	0				0	(100%)	23,157
2009	450,000				450,000	156%	194,078
2008	176,000				176,000		53,643
2007	0				0		132,345

Since 2001, this program has received just over \$2.2 million in funding. The average budgeted amount is \$165,000 per year.

The large decrease in the six year request from 2011 to 2012 was due to the delay in the PSC approval of the rate case.

2013 funding will upgrade aging electrical systems 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.

Funding in 2014 will be used to upgrade access control and to improve perimeter protection.

Request Summary

2014	\$100,000
2015	\$200,000
2016	\$300,000
2017	\$550,000
2018	\$200,000
2019	\$0

Six year request history

2014	\$1,350,000
2013	\$1,350,000
2012	\$660,000
2011	\$2,100,000

Howard Plant Treatment Improvements

Budget Yr.	Non-Assess	Borrowing	Assessable	Developer	Total	Change	Actual
2014 Request					\$150,000	50%	
2013		100,000			100,000	100%	
2012	50,000				50,000	(92%)	
2011		600,000			600,000	362%	98,244
2010	130,000				130,000	(74%)	167,001
2009	500,000				500,000	13%	27,382
2008	442,000				442,000		0
2007	0				0		161,253

Since 2001, this program has received \$3.1 million in funding.

The large decrease in the six year request from 2011 to 2012 was due to the delay in the PSC approval of the rate case.

The 2014 six year capital request is \$3.8 million (51%) less than the 2013 request.

Funding in 2013 will replace the effluent valves that control the flow of water through the plant's eight filters.

Request Summary

2014	\$150,000
2015	\$400,000
2016	\$750,000
2017	\$1,250,000
2018	\$600,000
2019	\$500,000

Six year request history

2014	\$3,650,000
2013	\$7,450,000
2012	\$1,000,000
2011	\$6,750,000

Funding in 2014 will replace the dielectric tubes in one of the plant's generators. This project should add between five and ten years to the life of the generator.

Howard Avenue is a newer treatment plant and has not needed extensive upgrades in recent years. Annual funding for this program typically has not exceeded \$500,000. Within ten years, more significant upgrades will be needed.

Pump Facilities Improvements

Budget Yr.	Non-Assess	Borrowing	Assessable	Developer	Total	Change	Actual
2014 Request					\$100,000		
2013	0				0	(100%)	
2012	2,250,000				2,250,000	36%	
2011		1,650,000			1,650,000	(54%)	754,183
2010	3,600,000				3,600,000	5%	2,254,680
2009	3,440,000				3,440,000	260%	584,073
2008	955,000				955,000	(84%)	307,843
2007	6,200,000				6,200,000		174,204

This program provides funding to upgrade or replace various aspects of the pumping facilities that aid in the efficient distribution of water throughout the system. Since 2001, this program has received \$22.9 million in funding. Annual funding is highly variable.

\$2,250,000 was budgeted for this program in 2012 to perform a physical inspection of the treated water tunnel between the Linnwood Plant and the Riverside pumping station. The last complete inspection of this 7,200 foot tunnel was in 1986.

Funding in 2014 will provide for the replacement of portions of the electrical equipment at the Texas Avenue pumping station. There were no projects scheduled for 2013.

Request Summary

2014	\$100,000
2015	\$5,700,000
2016	\$5,000,000
2017	\$5,050,000
2018	\$7,150,000
2019	\$7,200,000

Six year request history

2014	\$30,200,000
2013	\$21,000,000
2012	\$3,500,000
2011	\$11,200,000

The 2014 six year request is \$9.2 (44%) higher than the 2013 request.

The large decrease in the six year request from 2011 to 2012 was due to the delay in the PSC approval of the rate case.

Storage Facilities Improvements

Budget Yr.	Non-Assess	Borrowing	Assessable	Developer	Total	Change	Actual
2014 Request					\$0	(100%)	
2013	1,400,000				1,400,000	600%	
2012	200,000				200,000	(33%)	
2011	300,000				300,000	200%	1,088,150
2010	100,000				100,000	(97%)	1,373,128
2009	3,826,000				3,826,000	2,539%	1,523,366
2008	145,000				145,000	(28%)	1,022,916
2007	200,000				200,000		1,604,589

This program provides funding for the evaluation, elimination or enhancement of the system's water storage capacity. Since 2001, this program has received \$12.2 million in funding. The most significant investments were in 2006, 2009 and 2013. (\$4.5 million, \$3.8 million and \$1.4 million respectively)

The large decrease in the six year request from 2011 to 2012 was due to the delay in the PSC approval of the rate case.

The 2014 six year request is \$1.4 million (16%) less than the 2013 request.

Funding in 2013 will replace the roof over the Linnwood South Clearwell.

There are no projects scheduled for 2014.

Request Summary

2014	\$0
2015	\$1,400,000
2016	\$2,500,000
2017	\$0
2018	\$3,600,000
2019	\$0

Six year request history

2014	\$7,500,000
2013	\$8,900,000
2012	\$5,700,000
2011	\$14,200,000

Meter Shop Improvements

Budget Yr.	Non-Assess	Borrowing	Assessable	Developer	Total	Change	Actual
2014 Request					\$700,000		
2013					0	(100%)	
2012	50,000				50,000	(67%)	
2011	150,000				150,000		84,110
2010	0				0	(100%)	902,823
2009	300,000				300,000		0
2008	0				0	(100%)	11,450
2007	400,000				400,000		11,138

This program provides funding for improvements to the operations associated with the Milwaukee Water Works Business Section's Water Meter Services. This program first received funding in 2004. Since that time, \$1.3 million has been budgeted.

The recent requests for this program have been intermittent. The 2014 six year request is \$1.3 million (65%) less than the 2013 request.

Funding in 2012 was for the construction of fill stations for bulk water (to replace hydrant permits).

Funding in 2014 will replace the roof at the Meter Shop North.

There were no projects scheduled for 2013.

Request Summary

2014	\$700,000
2015	\$0
2016	\$0
2017	\$0
2018	\$0
2019	\$0

Six year request history

2014	\$700,000
2013	\$2,000,000
2012	\$4,150,000
2011	\$3,150,000

Backup Power Generation

Budget Yr.	Non-Assess	Borrowing	Assessable	Developer	Total	Change	Actual
2014 Request					\$0		
2013	3,800,000				3,800,000		
2012	4,500,000				4,500,000		
2011	0				0		5,744,796
2010	450,000				450,000		1,070,043
2009	5,000,000				5,000,000		723,836
2008	12,500,000				12,500,000		218,160
2007	0				0		0

In response to a regional power outage in the Northeast in 2003, the City retained the consulting firm of Black & Veatch to perform an evaluation of the reliability of the MWW's electrical power. The study had several objectives including providing benchmarking data and developing conceptual designs for critical facilities. The study determined that the electrical feeds to MWW's critical facilities are generally reliable. The study strongly recommended, however, that the City consider implementing emergency power at each of its critical facilities. (see CC file 061500 for the full report)

This program was first funded in the 2008 Budget when it received \$12.5 million. Since then it has received \$13.75 million in additional funding. The department anticipates making a request for \$100,000 in **2016** and \$6,500,000 in **2017**.

The 2014 six year request is \$3.8 million (37%) less than the 2013 request.

Funding in 2013 will upgrade of the Grange Pumping Station to include backup power generation and will replace aging switchgear.

There are no projects scheduled for 2014.

Request Summary

2014	\$0
2015	\$0
2016	\$100,000
2017	\$6,500,000
2018	\$0
2019	\$0

Six year request history

2014	\$6,600,000
2013	\$10,400,000
2012	\$11,800,000
2011	\$12,000,000

DPW – Sewer Maintenance

(in thousands)

Budget Yr.	Carryover	Cash	Borrowing	Grant/Aid	Assess.	Total	Change	Actual
2014 Request						\$41,650		
2013	65,904	3,810	38,060	2,640		44,510	1%	
2012	52,999	3800	37,510	2,640		43,950	10%	
2011	21,041	2,700	33,933	2,800	400	39,833	66%	31,434
2010	89,225	2,600	21,337			23,937	(24%)	41,173
2009	61,031	2,900	28,550	150		31,600	6%	36,236
2008	51,574	2,250	27,700			29,950	7%	30,083
2007	54,962,	0	28,000			28,000		21,307

The Department of Public Works has submitted six capital requests for the Sewer Maintenance Fund for the 2014 Budget.

The total six year request is \$262,400,000 and represents an increase of \$4,900,000 (2%) from last year's (2013) request. The request includes \$10.5 million in grant funding for the Inflow and Infiltration program over the next six years.

The most recent compliance reports (2010 and 2011) for the Sewer Maintenance Fund can be found as attachments to CC files 110183 and 120158.

2014 Capital Request Summary – Sewer Maintenance Fund (in thousands)

	2014	2015	2016	2017	2018	2019	6 Yr. Total
Sewer Relief and Relay	31,000	32,000	33,000	34,000	35,000	36,000	\$201,000
Inflow & Infiltration	7,000	7,000	7,000	7,000	7,000	7,000	\$42,000
Grant & Aid	1,750	1,750	1,750	1,750	1,750	1,750	\$10,500
Sanitary Pump Rehabilitation	700	700	700	700	700	700	\$4,200
Water Quality for TMDL	1,000	500	500	500	500	500	\$3,500
River Channel Maintenance	200	200	200	200	200	200	\$1,200
Developer Out of Program							
Total	\$41,650	\$42,150	\$43,150	\$44,150	\$45,150	\$46,150	\$262,400

Sewer Relief & Relay Program

(in thousands)

Budget Yr.	Carryover	Cash	Borrowing	Grant/Aid	Total	Change	Actual
2014 Request					\$31,000	(5%)	
2013	46,109	2,000	30,800		32,800	3%	
2012	38,375	2,000	29,700		31,700	32%	
2011	16,437	1,200	22,800		24,000	58%	26,147
2010	74,521	1,600	13,562		15,162	(37%)	33,642
2009	52,834	2,000	22,000		24,000	(10%)	32,147
2008	44,676	2,000	24,600		26,600	9%	23,276
2007	47,704	0	24,500		24,500		19,143

The 2014 request reflects the continuation of a more aggressive strategy to maintain the City's sewers. The 2014 request increases annual requests by \$1 million each year until they reach \$36 million in 2019 resulting in a replacement cycle that closely approximates the current recommended cycle of 90 years. The replacement cycle in 2010 was approximately 160 years.

As borrowing increases to support the sewer main program sewer rates will need to be closely monitored to ensure the financial health of the fund. In 2010 Springsted Inc. did an analysis of the Sewer Maintenance fund and recommended that sewer and storm water rates should increase 4.7% annually from 2011 through 2015. They believed the increases would be necessary to pay for anticipated operating and maintenance expenses, capital improvements and to provide sufficient cash flow and reserves.

Request Summary

2014	\$31,000,000
2015	\$32,000,000
2016	\$33,000,000
2017	\$34,000,000
2018	\$35,000,000
2019	\$36,000,000

Six year request history

2014	\$201,000,000
2013	\$195,000,000
2012	\$186,000,000
2011	\$186,000,000

Approximately 10% of the 2014 sewer program is projected to be paving related compare to 8.5% in 2012. The average index rating for paving related projects on the Preliminary 2014 Sewer Program is 43.7 compared to 49.6 the remainder of the program. 17% of the proposed projects for 2014 are scheduled for lining.

Although the increased level of funding will address on-going maintenance and rehabilitation needs, it does not address the existing backlog of older sewers. There are currently over 200 miles of sewers that are more than 90 years old. DPW estimates that even if enough funding is provided to maintain a 90 year replacement cycle, by 2020 there will be over 300 miles of sewer mains that have exceeded their useful life.

The estimates of useful life also do not take into consideration that a growing portion of the sewer main program consists of sewer lining projects – not replacement projects. Sewer lining is a technique that has proven to be a cost effective alternative for rehabilitating many sewers that in the past would have required complete replacement. So far, the relining projects have exceeded expectations for extending useful sewer main life, but it is unknown if the lined sewers will achieve the same 90 year useful life as traditionally installed sewer mains.

I&I Reduction Projects

Budget Yr.	Carryover	Cash	Borrowing	Grant/Aid	Total	Change	Actual
2014 Request			7,000,000	1,750,000	\$8,750,000	(15%)	
2013	18,668,691	400,000	7,260,000	2,640,000	10,300,000	(5%)	
2012	11,960,502	400,000	7,810,000	2,640,000	10,850,000	(24%)	
2011	1,699,381	500,000	10,633,000	2,800,000	14,333,000	126%	4,053,085
2010	6,250,000	500,000	5,850,000		6,350,000	72%	5,445,132
2009	3,000,000	450,000	3,250,000		3,700,000	23%	2,148,056
2008	0		3,000,000		3,000,000		3,258,014
2007	0						

Funding for this program is used to stop clear water from entering the sewer system. Work is done on both the public and the private portions of the sewer system.

Funding for this program began in 2008 with \$3 million. The 2014 capital request is for \$8.75 million each year through 2019. That amount includes \$1.75 million in grant funding each year. Through the end of 2011, \$14.9 million has been expended on I&I projects, mostly in the public right of way.

The 2005 stipulation that the City entered into with the Dept. of Justice requires that the City inspect its sanitary manholes once every five years and take corrective action on defective manholes within 18 months of discovery.

Work on private laterals has been done in the Cooper Park area, as well as a small pilot project on City owned properties obtained through the *in rem* process. A second lateral project is currently being developed for the Clemens School neighborhood (north of Capitol Drive & west of 35th Street). Property owner participation in the project is voluntary. Participation rates in Cooper Park were very high. Detailed information about the status of the projects as well as I&I projects in other communities is available on the MMSD website (basementconnection.mmsd.com) The extended drought in 2012 has made it difficult to judge the true impact of the private lateral improvements.

All work done on private property has been funded by grants. There have been no property owner assessments.

Request Summary*

2014	\$7,000,000
2015	\$7,000,000
2016	\$7,000,000
2017	\$7,000,000
2018	\$7,000,000
2019	\$7,000,000

Six year request history

2014	\$42,000,000
2013	\$42,000,000
2012	\$42,000,000
2011	\$25,160,000

*Excluding grant funding

I&I Reduction Projects – Expenditures

Budget Yr.	Cash	Borrowing	Grant/Aid	Total Expenditure	Change
2013					
2012					
2011	500,000	3,446,783	106,302	4,053,085	(25%)
2010	500,000	4,945,132		5,445,132	153%
2009	450,000	1,698,056		2,148,056	(34%)
2008		3,258,014		3,258,014	
2007		0			

Sanitary Pump Rehabilitation Project

Budget Yr.	Carryover	Cash	Borrowing	Grant/Aid	Total	Change	Actual
2014 Request					\$700,000	(7%)	
2013		750,000			750,000	(25%)	
2012		1,000,000			1,000,000		
2011		1,000,000			1,000,000	10%	608,015
2010		500,000			500,000	11%	628,645
2009		450,000			450,000	80%	579,818
2008		250,000			250,000		161,137
2007					0		

Funding for this program provides for the inspection, rehabilitation and replacement of sanitary pump facilities. The City owns and maintains 7 sanitary lift stations and 83 sanitary bypass pump stations. These pumps reduce the risk of sewage backing up into homes and businesses. Pumps are located in areas that historically had sewer backup occurrences during periods of heavy rain.

Funding for this program began in 2008. Since that time, \$3.95 million has been budgeted. Actual expenditures through the end of 2011 total \$2.0 million.

The City's lift stations pump sanitary flow from low areas into gravity sanitary sewers so the flow can reach the Milwaukee Metropolitan Sewerage District's collection and treatment system. The sanitary bypass pump stations are covered under the Sanitary Bypass permit issued by the DNR. If the bypass pumps operate during large rain events, DNR has not objected to their use. If the bypass pumps operate during dry weather, or during small rain events, the DNR will work with the City to establish a course of action to prevent these types of operations. The 2005 stipulation with the Department of Justice allows for the DNR to assess a fine for the operation of bypass pumps during small events or dry weather.

The DNR is continuing its review of their sanitary sewer overflow rules. It is not known when those rules will be finalized. It is DPW's understanding that the revised rules would not eliminate the use of sanitary bypass pumps as long as the municipality is maintaining its system and addressing infiltration and inflow problems.

The 2013 request of \$1 million would have allowed for the reconstruction of 4 pumps, moderate rehabilitation of 10 additional pumps, as well as monthly inspections and comprehensive testing. The 2014 request represents a reduction of 30% from the 2013 request and a reduction of 7% from the 2013 budgeted amount.

The 2014 six year request is 12% below the 2013 request.

Six year Request History

2014	Total \$4.2 million
2013	Total \$4.8 million
2012	Total \$4.8 million
2011	Total \$4.5 million

Water Quality Projects to Meet Total Maximum Daily Load Requirements (TMDL)

Budget Yr.	Carryover	Cash	Borrowing	Grant/Aid	Total	Change	Actual
2014 Request					\$1,000,000		
2013	0						
2012	0						
2011	0						0
2010	1,064,000						114,227
2009	1,064,000						227,663
2008*	964,600		100,000		100,000		242,605
2007*	1,000,000						313,757
2006*	0		1,000,000		1,000,000		29,984

**Older funding in this chart is for a previous water quality program – not the 2013 request for meeting the new Total Maximum Daily Load (TMDL) requirements*

This was a new request in 2013 for an on-going program to construct various Best Management Practices to reduce total maximum daily loads in the Menomonee, Milwaukee, Kinnickinnic River watersheds and estuary areas. MMSD and the DNR are working jointly to develop the standards that will apply to impaired watersheds with respect to TMDLs. The standards are expected to be largely complete by the end of 2012. The City will have three permit cycles (5 years each) to comply with the new standards.

This program will replace and expand the Best Management Practices for Total Suspended Solids (TSS) Reduction program. The TMDL program will construct best management practices in a similar manner to the TSS program, but it will take a broader approach to water quality, focusing on bacteria and total phosphorus as well as total suspended solids. Funding for water quality projects may remain in the TSS capital account until the standards for the TMDL program are finalized.

The TSS program was not funded in the 2012 Budget but received \$500,000 in the 2013 Budget.

Six-year Request History

2014 \$500,000 each year except 2014 Total \$3.5 million
 2013 \$500,000 each year Total \$3 million

BMPs for TSS Reduction *(see TMDL request)*

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$0	(100%)	
2013	1,126,145		500,000		500,000		
2012	2,062,579		0		0	(100%)	
2011	2,304,568		500,000		500,000	(74%)	567,165
2010	2,709,000		1,925,000		1,925,000	(32%)	1,310,928
2009	0		2,700,000		2,850,000		1,106,223
2008	0				0		
2007	0				0		

This program provided funding to construct various Best Management Practices (BMPs) such as green streets, rain gardens, wet detention ponds, bio-infiltration areas, and end of pipe treatments to reduce the amount of Total Suspended Solids (TSS) that enter waterways. The Wisconsin Department of Natural Resources’ regulation in ch. 151, Wis. Adm. Code requires the City to reduce the amount of TSS in runoff by 40%. This project began in 2009

and was intended to continue until the 40% TSS goal was reached. The original deadline for compliance was March 10, 2013. Since 2009, the City has allocated over \$5.6 million for the program. In order to meet the compliance deadline, the City worked with the DNR to be given credit for the TSS removed by the treatment of storm water in the combined sewer area. With the allowance of this credit, the City has attained the 40% compliance rate.

Due to changes in the Wisconsin state budget and new EPA regulations that are pending, this program is being replaced by a more comprehensive water quality program. The 2013 Budget contained \$500,000 for this capital account even though the department requested the funding the TMDL account. Because the regulations and requirements for the new TMDL program have not been finalized, the Budget Office decided to maintain funding in this account.

This program had \$2.1 million in carryover authority at the beginning of 2012. In 2012, the department planned to use carryover borrowing authority to construct bio-filtration facilities along W. Grange Avenue from S. 6th Street to S. 19th Street and to complete a project on E. Greenfield Avenue. In 2011, bio-filtration areas were constructed along S. 6th Street from W. Howard Avenue to W Layton and at the intersection of N. 85th Street and W. Auer Avenue.

River Channel Restoration

Budget Yr.	Carryover	Cash	Borrowing	Grant/Aid	Total	Change	Actual
2014 Request					\$200,000	25%	
2013		160,000			160,000	(60%)	
2012		400,000			400,000		
2011							

This was a new request for the 2012 Budget to provide funding for the restoration of the channels and drainage ditches which carry stormwater to local waterways during rain events. Over time, sediment and vegetation can reduce their capacity and intensify the effects of excessive rainfall. As part of a broader strategy for managing storm water run-off and preventing flooding, the City will be reviewing these channels and restoring their capacity as necessary.

The request was submitted in 2012-2014 with the title River Channel Maintenance. The funding appeared in the 2012 and 2013 Budgets as River Channel Restoration. The distinction being that this fund is not for routine maintenance of waterways but for broader renovation projects which would restore/improve capacity. No projects were identified in the 2014 request.

2012 funding will be used to restore the channel at N. 91st Street and W. Hasting Avenue.

Six –year Request History

2014	\$200,000 each year	Total \$1,200,000
2013	\$200,000 each year	Total \$1,200,000
2012	\$200,000 each year	Total \$1,200,000

Development Out-of-Program Agreement (Various Loc)

Budget Yr.	Carryover	Tax Levy	Gen Oblig.	Grant/Aid	Total	Change	Actual
2014 Request					\$0		
2013					0		
2012					0		
2011					0		0
2010					0		0
2009					0		0
2008					0		0
2007							112,077

From 2000 through 2006 \$2.6 million has been budgeted for this program. No funding has been provided since 2007. No request was submitted by the department in 2013. Only page one of the BMD was submitted in 2014. There were no dollar amounts.

