

EXECUTIVE SUMMARY

CAPITAL IMPROVEMENT PROJECTS

2009 PROPOSED BUDGET

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CAPITAL IMPROVEMENT PROJECTS

2009 PROPOSED BUDGET

SUMMARY PREPARED BY LEGISLATIVE REFERENCE BUREAU

The Proposed Budget provides a total of \$224,417,979 for capital improvement projects in 2009, a 15.6% decrease from 2008 budgeted levels. All sources of capital improvement funding – city financing, grant and aid assistance, and enterprise funds – are proposed and/or projected to decrease in 2009 versus prior year dollar allocations as detailed below.

City financing sources for capital improvement projects include the property tax levy, general obligation borrowing, Tax Incremental District borrowing, and special assessments. The Grant & Aid category includes capital improvement financing assistance from state and federal sources. Revenues resulting from a specific activity and devoted to improvements within that particular activity comprise Enterprise capital funding.

This report provides brief descriptions of the capital improvement projects included in the 2009 Proposed Budget. More extensive analyses of individual projects may be provided within the department summaries prepared by the Legislative Reference Bureau.

2009 PROPOSED CAPITAL BUDGET WITH 2008 COMPARABLES

DEPARTMENT	2008 BUDGET	2009 PROPOSED	\$ CHANGE
<i>City Funded:</i>			
Department of Public Works	\$49,531,974	\$47,740,300	(\$1,791,674)
Department of City Development	71,729,500	44,224,614	(27,504,886)
Special Projects	8,825,000	15,825,000	7,000,000
Police Department	2,745,000	6,664,000	3,919,000
Library	1,238,000	4,144,000	2,906,000
Fire Department	3,208,000	2,807,500	(400,500)
Department of Administration	455,720	1,656,920	1,201,200
Port of Milwaukee	500,000	1,400,000	900,000
Health Department	800,000	864,000	64,000
Municipal Court	429,620	683,645	254,025
Common Council City Clerk	0	350,000	350,000
Fire & Police Commission	0	150,000	150,000
Election Commission	0	40,000	40,000
Subtotal City Funded	\$139,462,814	\$126,549,979	(\$12,912,835)
<i>Grant & Aid Funding</i>			
Department of Public Works	\$56,382,825	\$34,886,000	(\$21,496,825)
Port of Milwaukee	800,000	1,450,000	650,000
Library	0	50,000	50,000
Subtotal Grant & Aid Funding	\$57,182,825	\$36,386,000	(\$20,796,825)
<i>Enterprise Funds</i>			
Sewer Maintenance	\$29,950,000	\$31,450,000	\$1,500,000
Water	36,769,000	27,096,000	(9,673,000)
Parking	2,700,000	2,936,000	236,000
Subtotal Enterprise Funds	\$69,419,000	\$61,482,000	(\$7,937,000)
TOTAL CAPITAL PLAN	\$266,064,639	\$224,417,979	(\$41,646,660)

CITY FUNDED: \$126,549,979

DEPARTMENT OF PUBLIC WORKS: \$47,740,300

➤ Infrastructure Services Division: \$31,707,300

Major Bridges - \$762,000: Major Bridges are those bridges that are part of the major arterial and connector infrastructure within the City and are eligible for federal and/or state aid. City share of these major bridge rehabilitation/reconstruction projects is normally 20%. Major bridge projects in 2009 include W. Granville Road over the Little Menomonee River, W. Forest Home Avenue over the Kinnickinnic River, and W. Hampton Avenue over Lincoln Creek.

Local Bridges - \$5,275,000: Structures within this program are essentially all those bridges within the City that do not qualify for federal and/or state aid. New borrowing in 2009 will largely be directed to the Juneau Avenue Bascule Bridge over the Milwaukee River.

Major Streets - \$4,230,100: Streets within this program are eligible for county, state, and federal funding. There are 20 major street reconstruction projects scheduled for 2009, the largest being N. 76th Street between Center Street and Appleton Avenue. W. Loomis Road from W. Fardale Avenue to S. 51st Street and W. Oklahoma Avenue from S. 60th Street to S. 72nd Street are also included on the 2009 project list.

Local Streets - \$10,300,100: This program provides funding for local streets for which pavement or curb and gutter are in need of rehabilitation. With the implementation of the Motor Vehicle Registration Fee ("MVR Fee"), these projects are largely sponsored by the City, with a small portion recoverable by special assessment for concurrent sidewalk and driveway work on adjoining properties.

Alley Reconstruction - \$300,100: This program provides funding for alley reconstruction within the City. These projects are sponsored by the City with a portion recovered by special assessment levied against abutting properties.

Sidewalk Replacement - \$800,000: Sidewalk replacement by contract is an existing program for the replacement of defective sidewalk throughout the City. This program also includes the installation of handicap ramps where needed. These projects are sponsored by the City with a portion recovered by special assessment levied against abutting properties.

New Street Construction - \$200,000: This program provides for the construction of presently unimproved streets to serve residential, commercial or industrial areas. Funds in 2009 will be used to complete an overall project along the former "Beer Line B" railroad corridor.

Developer Agreement Paving - \$400,000: This program provides for the construction of streets and alleys required to serve platted subdivision and planned developments with funds provided by the developer. The objective of the program is to provide permanent pavement facilities to serve new developments in the City.

Street Lighting - \$7,850,000: Monies in this program are used to replace deteriorated poles, defective cable, outdated circuitry, aging electrical substations and other lighting equipment, and modernize the street lighting control system.

Traffic Control Facilities - \$990,000: This program provides for the upgrade, replacement, and installation of traffic control devices as needed to accommodate traffic pattern changes, provide conformity with national standards, comply with City ordinances, and utilize technological advances to improve traffic flow.

Underground Conduit and Manholes - \$400,000: Funding for this program ensures a reliable route for City communication cables to be installed into all existing and proposed City buildings, provides a reliable route for traffic control signalized intersections, and is utilized for street lighting cable circuits.

Underground Electrical Manhole Reconstruction - \$200,000: This program funds the reconstruction of existing manholes located in street right-of-way that provide the necessary entrance networks for all of the communications, traffic control, and street lighting cable circuits that serve the City's governmental buildings and agencies.

➤ **Operations Division- Buildings & Fleet: \$12,276,000**

Space Planning – Facilities - \$155,000: The 2009 Proposed Budget includes \$155,000 in capital funding to the Space Planning-Facilities program; \$110,000 was appropriated in the 2008 Budget. This program provides funds for architectural and engineering services related to office studies, including preparation of preliminary plans and cost estimates for proposed projects, as well as unscheduled interior office alterations for City Departments, and facility inspections. In 2009, \$10,100 will be designated for un-programmed planning activities to study general office space needs and proposed alterations in various City facilities. \$79,100 will be designated for un-programmed office alterations generated by adjustments to agencies needs due to personnel or equipment changes in their annual budgets. \$65,800 will be designated for un-programmed engineering services to various city departments and facilities condition reporting inspections.

Recreation Facilities Citywide - \$300,000: The 2009 Proposed Budget includes an allocation of \$300,000 to the Recreation Facilities Program; \$300,000 was allocated in the 2008 Budget. Improvements in this program include maintenance and renovations in neighborhood recreation facilities, children's play areas and stand alone recreation sites. Funds will be released for projects with prior review and approval of the Common Council. 2009 projects include:

- Reiske Park – Reconstruction (ADA) - \$42,000
- 29th & Meinecke – Reconstruction (ADA) – \$49,000
- 13th & Lapham – Reconstruction (ADA) –Design Only - \$13,000
- 4th & Mineral – Equipment Upgrade – Design Only - \$13,000
- Cooper – Tennis Court Reconstruction – \$91,000
- Alcott – Tennis Court Reconstruction – Design Only - \$14,500

Facilities Systems Program - \$1,500,000: The 2009 Proposed Budget includes \$1,500,000 in capital funding to the Facility Systems Program; \$2,400,000 was allocated in the 2008 Budget. The Facility Systems Program is an ongoing program to keep the City's buildings in good operating condition. Facility systems include heating, ventilating, air conditioning (HVAC), plumbing, fire protection, electrical distribution, lighting, boilers, and computerized facility management. 2009 funding will address:

- Zeidler Municipal Bldg. – Modernize Elevators-Construction - \$1,200,000
- Various Sites – Emergency Mechanical Repairs - \$100,000
- Various Sites – Security Projects - \$150,000
- Various Sites – Emergency Electrical Repairs - \$50,000

Environmental Remediation Program - \$200,000: The 2009 Proposed Budget includes \$200,000 in capital funding to the Environmental Remediation Program; \$200,000 was allocated in the 2008 Budget. This program seeks to provide a safe environment in city-owned buildings through removal of hazardous building materials including asbestos and lead abatement as well as soil and groundwater remediation at 17 sites. Proposed projects for 2009 include asbestos and lead paint abatement (\$100,000), and soil and groundwater remediation (\$100,000).

Facilities Exterior Upgrades Program - \$825,000: The 2009 Proposed Budget includes \$825,000 in capital funding to the Facilities Exterior Upgrades Program; \$469,000 was allocated in the 2008 Budget. This program helps to maintain the exterior of city facilities in a watertight and energy efficient condition. Roofing, yard and parking lot improvements are also included. Projects planned for 2009 include:

- Anderson Bldg.-Exterior Façade Restoration - \$525,000
- Material Recovery Facility-Re-roofing - \$200,000
- Various Sites-Emergency Repairs - \$100,000

City Hall Foundation & Hollow Walk - \$1,800,000: The 2009 Proposed Budget includes \$1,800,000 in capital funding for the City Hall Foundation and Hollow Walk program; \$1,200,000 in capital funding was provided in 2008 for the project's professional design services. The program will address the deteriorated condition of City Hall's foundation on the north side and the hollow sidewalks on the east and west sides of the building. The program restores the wood foundation piles, wood foundation pile caps, below grade hollow sidewalk walls and structural concrete beams and sidewalk to ensure the building is structurally sound. Funding for 2009 will include completing the design, bidding the project out and awarding a construction contract. The construction of this project is tentatively scheduled to start in the spring of 2010.

Municipal Garages/Outlying Facilities Remodeling - \$240,000: The 2009 Proposed Budget includes \$240,000 in capital funding to the Municipal Garages and Outlying Facilities Remodeling program; \$175,000 was allocated in the 2008 Budget. This program addresses the replacement of major operational systems including hydraulic lifts, material handling equipment and pneumatic systems that do not comply with current safety codes. Projects planned for 2009:

- Northwest Garage-Air Handling Unit Replacement Design - \$55,000
- Northwest Garage-Switchgear Replacement - \$185,000

2-Way Radio Replacement – \$362,000: The 2009 Proposed Budget includes \$362,000 in capital funding for the 2-Way Radio Replacement program; \$568,000 of carryover borrowing was utilized in 2008. This program provides funding to design a 2-way radio communication system to utilize the Milwaukee Police Department's new digital radio infrastructure and to systematically replace obsolete radio equipment. The system, when fully implemented, will improve dispatch of all vehicles, help optimize ice and snow operations while providing the capability to connect city and surrounding agencies to respond to major emergencies.

The Buildings and Fleet section is working with the Police Department's Communication Section to replace all existing 2-way radios. The existing radio technology has become obsolete and many radios have a very short useful life remaining. Along with the radio replacement, the department remains interested in utilizing GPS capabilities of the new radios to install an Automatic Vehicle Location (AVL) system. Budgets for 2009 and 2010 include \$50,000 each year for the development and implementation of AVL software system to increase response efficiency. 2-way radios with the appropriate AVL system will also assist the department in optimizing operations and in managing field operations.

Major Capital Equipment - \$6,360,000: The 2009 Proposed Budget includes \$6,360,000 in capital funding for the Major Capital Equipment program; \$6,000,000 was allocated in the 2008 Budget. This program is specified for equipment that exceeds \$50,000 and has a life expectancy of at least 10 years. The program focuses on equipment replacement including garbage and recycling collection, snow and ice control and pick-up and dump trucks for use as pool equipment. Major capital equipment planned for purchase in 2009 includes:

- 1 – Sweeper - \$155,000
- 1 – Tractor, Front-End Wheel Loader - \$125,000
- 1 – Truck, Aerial, 36 Ft. Step Van Body - \$145,000
- 1 – Truck, Aerial, 36 Ft. Utility Body - \$140,000
- 2 – Truck, Dump, 16 Yard Tri-Axle - \$280,000
- 2 – Truck, Dump, 5 Yard - \$220,000
- 5 – Truck, Dump, 5 Yard w/Underbody Plow - \$700,000
- 2 – Truck, Dump, 5 Yard, Crew Cab - \$170,000
- 7 – Truck, Packer, 25 Yard Rearload - \$1,540,000
- 1 – Truck, Packer, 25 Yard w/Ramp Lift Arm - \$225,000
- 7 – Truck, Packer, 25 Yard Recycle - \$1,820,000
- 3 – Truck, Pickup, Utility - \$162,000
- 1 – Truck, Platform/Compressor/Salt Plow - \$70,000
- 1 – Truck, Road Patcher - \$230,000
- 2 – Truck, Step Van - \$150,000
- 1 – Truck, Vac-All - \$228,000

It should be noted that the average age of equipment comprising the city fleet is 9.3 years. The optimal maximum average age of municipal fleet equipment is 6 years. The estimated average age of capital equipment based on the 2009 Proposed Budget funding level is 9.6 years. Each piece of equipment to be replaced is currently 11 to 21 years old; the average age for the group is 18 years. In light of budget considerations and adjustments over the past 5 years, which, in some cases have extended the replacement cycle of some city equipment, the average age of some particular fleet pieces has increased slightly.

MacArthur Square Plaza Restoration - \$534,000: The 2009 Proposed Budget includes \$534,000 in capital funding for the MacArthur Square Plaza Restoration program; \$500,000 in capital funds were allocated to this program in the 2008 Budget. The MacArthur Square Plaza was constructed in 1966-1968. Since that time no significant changes were made, except for sidewalk replacement in the early 1980's. A 2005 engineering condition report outlined major deficiencies to all elements of the Plaza, including landscaping, irrigation, pool and foundation, architectural and structural elements, plumbing and electrical lighting. The financial needs of the work range between \$16 million to \$19.2 million. The waterproofing beneath the soil has failed

and leaking is causing operational problems for the parking garage section and needs to be replaced. The \$534,000 in capital funds will be used to waterproof and repair the existing 22,390 square foot plaza reflecting pool. This project will prevent further deterioration of structural and mechanical elements and damage to parked vehicles. The \$500,000 would address interim repair needs to mitigate leaking waterproofing problems on the median plaza deck and make remedial repairs.

➤ **Operations Division – Forestry: \$3,407,000**

Concealed Irrigation and General Landscaping/City Boulevards - \$582,000: This program replaces infrastructure related to irrigation and landscaped boulevard medians in conjunction with the city's Paving Program.

Production and Planting Program - \$1,500,000: Replacement of trees removed in street construction projects, replacement of diseased or dead trees and planting of new trees on boulevards.

Boulevard Plan - \$525,000: Will provide automated irrigation systems at signature bed locations and simplifies boulevard design that positions high profile flower beds on landmark and gateway segments that are connected by segments with high quality turf, shade and ornamental trees with selected use of perennials.

Emerald Ash Borer Readiness and Response - \$800,000: Includes the use of hyper-spectral imaging technology to identify ash trees and then apply biannual pesticide injections in advance of Emerald Ash Borer attack.

➤ **Administrative Services Division: \$350,000**

Public Safety Communications - \$350,000: The plan and execution for fiber has been on going since 1987. Since fiber optic cable is installed in the City's underground conduit system, it is very secure. The fiber design uses police locations as hub points to star to other City sites. Funding has been allocated annually for this project. Major projects are designed to increase system redundancy and to provide diverse routes to critical public safety locations.

With the 2009 funding, the Public Safety Communications Program will continue the extension of the optical network to the Housing Authority and Libraries and other public institutions. Remaining buildings and network redundancies for critical facilities will be programmed within this schedule. The Communications account also funds the City's share of projects associated with state and local paving, sewer and infrastructure programs, minor telephone system expansion, minor upgrades to the telephone system hardware and software as well as expansion to remote City facilities. It provides funding for general engineering associated with these projects and programs and funds miscellaneous copper and fiber plant modifications.

DEPARTMENT OF CITY DEVELOPMENT: \$44,224,614

809 Building Remodeling - \$380,000: This allocation would fund remodeling of DCD's offices on the 2nd floor of the 809 North Broadway building. Specifically, these funds will be used for construction of new "hard" office and office cubicles, replacement of carpeting and construction of a new kitchen/break area. The 2008 Budget funded similar remodeling work in DCD's offices

on the 3rd floor of the 809 North Broadway building; that work is expected to be completed within budget by February 1, 2009.

Tax Increment Financed Urban Renewal Projects - \$40,658,614: The 2009 Proposed Budget provides the following funding to support development in tax increment districts:

<i>TIF Funding Category</i>	<i>2009 Proposed Budget</i>
<i>New borrowing for existing TIDs</i>	<i>\$0</i>
<i>New borrowing for potential new TIDs</i>	<i>\$30,000,000</i>
<i>Revenue/expenditure authority for developer-financed TIDs</i>	<i>\$4,390,000</i>
<i>New borrowing for potential new developer-financed TIDs</i>	<i>\$3,268,614</i>
<i>Capitalized interest on TID borrowing</i>	<i>\$3,000,000</i>
<i>TOTAL</i>	<i>\$40,658,614</i>

Development Fund - \$1,800,000: The DCD Development Fund provides capital funding to complement and support a wide variety of private economic development projects and activities. The Development Fund has been used to support façade grants, brownfield clean-up, streetscaping projects, RiverWalk development, spot land acquisition, and loans and grants for job training. The proposed 2009 allocation for this fund includes \$375,000 in cash financing to support customized job training programs for businesses, particularly those located in the 30th Street Corridor.

Neighborhood Commercial District Street Improvement Fund - \$337,000: This fund provides the City's matching funds for BID commercial district streetscaping projects as well as the local match for federal Congestion Mitigation and Air Quality Improvement Program ("CMAQ") grants that fund neighborhood street construction projects. The 2009 allocation will provide matching funds for 2 CMAQ grants.

Advanced Planning Fund - \$125,000: This fund pays for costs relating to DCD's comprehensive planning efforts, including consultant fees. The first update of the City's Downtown Plan since that plan was approved in 1999 is expected to be completed and presented to the City Plan Commission and the Common Council by April, 2009. The Near North area plan is also underway. The West Side and Southwest area plans will be commenced this fall. Under state law, the City must complete its Comprehensive Plan (i.e., adopt area plans for all portions of the city) by January 1, 2010.

ADA RiverWalk Constriction - \$724,000: This is a new capital account for 2009. It will provide a \$724,000 contribution toward construction of ADA-accessible connections along the RiverWalk. In 2006, the City, Business Improvement District No. 15 (RiverWalk) and the U.S. Department of Justice executed an agreement that requires the City, in conjunction with the BID, to improve 9 segments of the RiverWalk to be fully ADA-accessible within 3 years. The scope

of this project includes the construction of 6 ramps and the installation of 4 lifts. The total cost of the RiverWalk ADA compliance project is \$4.55 million. Property owners within BID No. 15 will be assessed \$1.01 million (22% of total project costs). The City will pay the remainder. The City's funding commitments for the project to date include \$1.5 million budgeted in the Development Fund in prior years and this \$724,000 in capital funding for 2009. The remaining \$1.3 million will need to be appropriated in the 2010 and 2011 budgets.

Healthy Neighborhoods Initiative - \$200,000: The Healthy Neighborhoods concept focuses on marketing the positive attributes of urban neighborhoods, rather than highlighting neighborhood problems. In particular, HNI promotes homeowner investment and aesthetic improvements in relatively strong urban neighborhoods, striving for positive outcomes in 4 areas – image, market, physical conditions and neighborhood management. Projects funded by HNI have included small-scale neighborhood improvement initiatives, property beautification contests, neighborhood identification efforts and landscaping projects, primarily in 5 neighborhoods (Thurston Woods, Enderis Park, Silver City, Martin Drive and Sherman Park). The Milwaukee Foundation has been a partner with the City in this Initiative, providing \$545,000 for the HNI in 2007 and 2008 alone. The HNI consortium is working on developing a home improvement loan pool for loans to property owners in the HNI neighborhoods. This loan pool is expected to become operational in 2009; City HNI funds will be supplemented by private-sector lender participation in the pool.

SPECIAL PROJECTS: \$15,825,000

Grant and Aid - \$8,300,000: This account provides budget authority for unanticipated grants that the City receives.

Payment to Debt Service and Payment to General Fund - \$6,600,000: The Comptroller's Office has recognized the \$6.6 million Motor Vehicle Registration Fee revenue as a capital improvement revenue. The capital improvement budget reflects a \$3,300,000 million transfer to debt service for street improvement related debt and a \$3,300,000 million transfer to the General Fund.

Energy Challenge Fund - \$500,000: The 2009 Proposed Budget includes \$500,000 in capital funding to support the goal of helping city departments reduce energy consumption by 15% from 2008 to 2012, using 2005 city energy consumption as a baseline. Funds are awarded to departments for capital projects that result in energy efficiencies or that use renewable energy or alternative fuel sources. Funds are distributed based on projected reductions in energy use and demand charges and demonstration of project payback within a reasonable time period. The Environmental Sustainability Director manages the Energy Challenge Fund. The 2008 Budget appropriated \$500,000 in capital funding for this project. The following departments were awarded funds in 2008:

- \$50,000 to the Department of Public Works for the 809 Building.
- \$141,000 for the Central Library (lighting upgrades).
- \$73,000 for the Office of Environmental Sustainability (2008 only – salary and fringe) to oversee the Central Library lighting upgrades project.
- \$100,000 for a solar project on the Central Library (this funding is used to match the \$200,000 Department of Energy Grant).

- The remaining \$136,000 will be awarded within the next month for energy efficiency control systems.

No departments have been selected for the 2009 funds as the 2009 Budget is not yet adopted. The Energy Challenge Fund will target buildings that have the highest energy usage and highest energy costs. The projects will also be evaluated based on their pay-back period (e.g., a project that pays for itself in 3 years rather than 7 years might receive greater consideration).

Housing Trust Fund - \$400,000: The 2009 Proposed Budget includes \$400,000 in capital funding to support the Housing Trust Fund. In 2008 this fund was a special purpose account, funded at the same level. The fund primarily supports developers in the acquisition, construction, rehabilitation and modification of affordable and accessible housing for low-income households, and to finance support services that assist low-income households in obtaining and maintaining affordable housing. The Community Development Grants Administration is responsible for administering the Housing Trust Fund, including soliciting and reviewing requests for funding. The projects recommended by the Housing Trust Fund Advisory Board, in 2008, and approved by the Common Council for funding are:

- Mercy Housing Lakefront - \$750,000 – to develop 46 new housing units in the former Johnston Community Health Center, 1230 W. Grant Street.
- St. Catherine's Residence -- \$264,000 -- for a 46-unit expansion to a residence for women at 1018 E. Knapp Street.
- Heartland Housing/Guest House - \$125,000 -- for rehabilitation of 24 apartments at 1218 W. Highland Avenue.
- United Methodist Children's Services - \$200,000 – for construction of 24 new apartments at 3940 W. Lisbon Avenue.
- Milwaukee Christian Center - \$68,000 – for construction of 4 new homes for low-income homebuyers.

Municipal Art Fund - \$25,000: This is the City's annual contribution to the Municipal Art Fund, a pool of money set aside for the acquisition of works of art to be incorporated in City buildings and other public facilities. The Milwaukee Arts Board determines how money in the Municipal Art Fund is expended on various works of art for City construction projects.

POLICE DEPARTMENT: \$6,664,000

911 System Replacement - \$5,000,000: This program will provide for the replacement of the current digital Time Domain Modulation ("TDM") 911 system, which was installed in 2003. As the vendor no longer sells or manufactures equipment compatible with the current system, hardware components that fail need to be either custom made or supplied via the discontinued parts market. Vendor software support of the current system will cease effective December 31, 2009. The new digital Internet Protocol ("IP") replacement system will address the rapid changes in communications technology, deal with wireless IP based devices, and change from the current technology to an IP network.

Police Administration Building Remodeling - \$954,000: Additional funding is allocated to the continuing remodeling of the Police Administration Building ("PAB"). The PAB was built in 1970 and until 2001 had not undergone any major remodeling. The 2009 monies will be used to complete the electrical substation replacement, replace the cooling tower and work on asbestos

abatement. A space needs analysis will be completed before additional remodeling work is undertaken.

Renovation of 4715 W. Vliet Street Building - \$550,000: These monies provide for further improvements to the "Old Third District Station." The \$200,000 allotted in 2008 is being spent on basic renovation work on the first floor of the building to allow for legal occupancy, including addressing ADA, HVAC, and electrical issues. Current funding will be used on Phase II of the project, consisting of necessary plumbing, additional HVAC, and electrical upgrades necessary to allow for use of the second floor. Neighborhood Task Force operations will move to this building when occupancy allows.

District Station Renovation Program - \$100,000: Funding will be used to hire a consultant to develop plans for district expansion and the upgrade and replacement of HVAC systems, roofs, plumbing, and electrical. Monies will also be used to begin implementation of consultant recommendations for relieving overcrowding.

Radio and Communications Upgrades - \$60,000: These funds will help the department adhere to a replacement/repair schedule for City radio communications. This equipment is essential to public safety and includes towers, base stations, antennas, and other communication equipment with a useful life ranging from 10 to 25 years.

LIBRARY: \$4,144,000

RFID System – \$2,000,000 – New Project: The 2009 Proposed Budget provides \$2,000,000 in capital funds for Radio Frequency Identification System (RFID). RFID technology enhances security and inventory management. Scanners are used to detect tiny microchips embedded in each item. This project includes RFID tags, self-checkout stations, staff check out/in stations, security gates, handheld readers, patron self check in/return, software, licensing and conversion costs. RFID combined with a self-check out system will improve library efficiency in 3 areas: material security, material circulation and inventory control. In an RFID system the security gates identify which specific item that has passed through. RFID tags are "marked" when checked out so the security gates do not activate. This feature will allow the library to install public self-check out stations, where a library patron can check out his/her books and media and walk out of the library without staff interaction.

Patron self-check out eliminates some repetitive movements by staff which is expected to minimize repetitive motion injuries experienced by some staff. Check-in can be done using a reader set inside a book drop, reducing staff time. MPL research indicates a neighborhood collection of 90,000 items would take from 750 to 1,000 hours to tag. Central Library's circulating collection would take between 7500 to 8000 hours to tag. The pay back period is estimated to occur by 2012, due to costs savings from staffing attrition. The current Checkpoint security system will need to be replaced as the security gates have reached the end of their useful life. The project would be implemented over a 2 year period; planning would begin in 2009 with implementation in 2010. The total project cost is estimated at \$3,500,000.

Central Library Improvements Fund - Interior - \$194,000: The 2009 Proposed Budget includes \$194,000 in capital funding to support an ongoing scheduled program of repairs or replacements to the interior of Central Library. \$628,000 in capital funds were authorized in the 2008 Budget. Funding includes \$90,000 for the media area, \$24,000 for 20% of the salary of the Business Operations Manager and \$80,000 for the mosaic repair program. This is the third year of a 3-year funding budget for media room renovations. The Library Foundation has committed

to raising the additional funding necessary to complete the renovation. The work includes repairs to scagliola and mosaic tile at the Central Library.

Central Library Improvements Fund – Exterior - \$950,000: The 2009 Proposed Budget includes \$950,000 in capital funding to support an ongoing program of maintenance to the exterior façade of the Central Library. The 2009 Proposed Budget reflects the tear off of the existing roofing materials and installation of a low maintenance green roof of the Central Library annex. A structural engineer verified that the building can support a green roof and a green roof architect provided budgetary information. The annex was re-roofed in 1986 with a Gates EPDM system. Leaks began developing 8 to 10 years later but the manufacturer had gone out of business. Work was done in 1995 to address the problems but a consultant advised that the insulation was saturated and the entire system should be torn off. In 2004 a consultant re-emphasized the need to completely replace the roof. Repairs are needed 4 or 5 times a year due to leaks. Installation of a green roof would reduce stormwater runoff as well as energy consumption. Green roofs also protect underlying roof materials which can double the life of a roof.

Villard Library Project - \$1,000,000 – New Project: The 2009 Proposed Budget provides \$1,000,000 in capital funds for a proposed mixed-use facility on Villard Avenue called Villard Square. The following information is provided from MPL Board Meeting Minutes. The proposal suggests the relocation of the Villard Avenue Library into a mixed-use facility that would also house senior families (families where grandparents are the primary caregivers for children). The facility would be located on 35th and Villard Avenue and house an 11,000 square foot library space in the new building. The cost of operating in a library in this mixed-use facility would save the MPL an estimated 15% a year. Financing of this project also depends on the developer obtaining new market and low-income tax credits. Villard Avenue Library was built in 1968 and is scheduled for HVAC renovation in 2010 and a new roof in 2011. The library is 15,000 square feet and has a 38 space parking lot. When the library was queried regarding this project their answer was: “This project is in the early stages of discussion/negotiation with the developer. Whether this project will go forward or what the final budget will be have not yet been determined.”

FIRE DEPARTMENT: \$2,807,500

Fire Repair Shop Design and Construction - \$250,000: Funds the study for land acquisition for a new fire repair shop. The result would be a final list of potential sites, with environmental remediation data and recommendations based on functional use and space needs.

Fire Facilities Maintenance Program - \$712,500: Focuses on maintaining and improving internal, external and mechanical systems within the department’s 36 Engine Houses.

Major Capital Equipment - \$1,745,000: This account funds the replacement cycle for all Milwaukee Fire Department equipment/apparatus. Year 2009 purchases will include:

- Two ambulances (\$190,000 per ambulance)
- Three engines (\$455,000 per engine)

Auxiliary Power Supply - \$100,000: Funds the purchase and installation for back-up generators at various Engine Houses.

DEPARTMENT OF ADMINISTRATION: \$1,656,920

FMIS Upgrade - \$1,217,600: The 2009 Proposed Budget includes \$1,217,600 in capital funding to update the soon-to-be unsupported financials module of the Peoplesoft enterprise product to Oracle's latest version of the Peoplesoft financials software. The upgrade will guarantee continued product support and updates and will provide enhanced functionality and ease of use. The FMIS upgrade requested for 2009 requires approximately \$1.4 million for contractor support and about \$360,000 for ITMD staff salaries and fringe benefits.

Server Virtualization - \$67,500: The 2009 Proposed Budget includes \$67,500 in capital funds from the cash levy to support server virtualization this would reduce the number of physical servers and components. Via software through server virtualization a "virtual" copy of a server is created allowing for multiple virtual servers to reside on one physical server. Server virtualization allows for disaster recovery without requiring an exact duplicate set of physical servers and allows for higher utilization of remaining servers. Additionally server virtualization reduces computer room floor space required, reduces heating and cooling necessary for servers, and allows for the ability to create test servers for software upgrades. A virtual server may be administered locally or centrally. The 2009 request for the first year of the two-year Server Virtualization project contains approximately \$33,500 for hardware and software and almost \$34,000 for ITMD staff salaries and fringe benefits.

Map Milwaukee Upgrade & Expansion - \$191,820: The 2009 Proposed Budget includes \$191,820 in capital funds from the cash levy to support the upgrade and expansion of Map Milwaukee. Software, hardware and development environment upgrades are needed. These improvements will affect both public and internal usage. The public will see improved usability and the addition of "Milwaukee specific" tools which will make accessing information faster and easier. Within City government the upgrade will offer customized tools to increase workflow efficiency. City employees will be able to access applications from any computer connected to the Internet eliminating the need for installation and support of single task software on individual computers.

Map Milwaukee remains one of the most popular applications on the City of Milwaukee website. The upgrade and expansion project would provide enhanced capabilities at a cost of \$191,820 in 2009 (the project's first year). These costs include approximately \$55,000 for hardware, \$15,000 for software, \$15,000 for training, and \$15,000 professional services. The remaining \$90,000+ would support ITMD staff salaries and fringe benefits.

Storage Area Network (SAN) Upgrade - \$75,000: The 2009 Proposed Budget includes \$75,000 in capital funds from the cash levy to support a storage area network (SAN) upgrade. The SAN sub-system represents the main storage platform for citywide e-mail and departmental file servers. In 2006, ITMD purchased storage area components to support the E-mail Consolidation and Server Consolidation/SAN capital projects. In 2009 the three-year warranty coverage for those storage components will lapse, requiring operating-funded maintenance and support payments exceeding \$53,700 annually. Upgrading the SAN will extend warranty coverage for five years (through 2013) and eliminate the need for the annual operating-funded payments for support and maintenance. By 2011 the SAN will have exceeded its expected life, will experience capacity constraints and will face rising maintenance costs. Failure of the SAN sub-system would disable citywide e-mail and a large portion of the City's office applications and prevent users citywide from accessing documents and information.

Document Services Storage – \$105,000: The 2009 Proposed Budget includes \$105,000 in capital funds from the cash levy to support a document services storage project. The capital funds will be used to remodel underutilized space in the seating area of the cafeteria in the basement of the City Hall Complex to provide additional storage space for city records. Record inventory has been increasing and has created a congested work area that presents safety hazards. There is about 1,200 square feet of space in the southeast section of the cafeteria that can be used to store records. The project will remodel the cafeteria, including construction, moving, design and administration.

PORT OF MILWAUKEE: \$1,400,000

Cargo Handling Equipment - \$500,000: This funding will be used for major repairs to Crane 15, the Port's stiff-leg derrick. This is a new capital project for 2009. Supplemental funding for crane repairs is provided by the Port's Equipment Rehabilitation and Upgrade special fund.

Dockwall Rehabilitation - \$150,000: This is a new capital project for 2009. The Port plans to have an on-going dockwall rehabilitation program, and anticipates that an additional \$1.15 million will be needed for this activity over the next 5 years. Such a program helps the Port avoid costly emergency repairs to dockwalls and keeps dockwalls in a useable condition for cargo-handling operations.

Pier, Berth and Channel Improvements - \$200,000: This is an ongoing Port of Milwaukee capital program. Funding appropriated for 2009 will be used for various infrastructure improvements in the mooring basin and the Outer Harbor, as well as at the Port's Heavy Lift Dock. The City's capital funding augments, and actually provides the 20% local match for, annual Wisconsin Department of Transportation grants that fund this program. The Port anticipates receiving an \$800,000 grant for this activity in 2009.

Port Security - \$300,000: In 2008, the Port received U.S. Department of Homeland Security grant funds that enabled it to purchase new security equipment for its security patrol boat. However, the Port's current patrol boat is not large enough to accommodate the new equipment. A new or used vessel will be purchased to house the new equipment. Purchase of this vessel will be funded primarily with a federal Homeland Security grant. This grant requires a 25% local match that will come from the Port Security capital account.

Terminal Resurfacing - \$250,000: This capital project involves the resurfacing of paved areas at the Port's terminals. Because of subsurface conditions, paved areas at several terminals have settled and become uneven. Restoring these surfaces to a useable condition is necessary to meet safety standards and to comply with the terms of leases that the Port has with terminal users.

HEALTH DEPARTMENT: \$864,000

Continued Planned Capital Funding - \$864,000: The proposed capital budget for the Health Department provides authority for borrowing \$864,000 to continue planned funding in 4 capital areas: maintenance of mechanical systems in various buildings (\$246,000); maintenance of building exteriors (\$228,000); maintenance of building interiors (\$290,000), and; support of the Public Health Information Network (\$100,000). Each of these amounts are reduced from the Department's Requested Budget, but carryover borrowing in each account totals \$2,057,588 and is expected to meet all anticipated capital needs.

MUNICIPAL COURT: \$683,645

Court Case Information System Upgrade - \$544,325: This will fund Year 2 of the second phase of the Court Case Information System Upgrade.

IT Disaster Recovery - \$139,320: This provides funding for the creation of a remote computer capacity to electronically copy the Court's computer data.

A feasibility study for the second phase upgrade of the Court's electronic system was conducted by the firm of WHITTMANHART in early 2007 concluding that the proposed new system for electronic case jackets/document imaging could be implemented for approximately \$980,000. Delays have been experienced in the RFP authorized under the 2008 budget in part due to failure of the first round bidders to meet qualifications. A project manager was put in place in September, 2008. Carryover funding from 2008 will be \$429,620. The total 3-year project is expected to cost nearly \$1,329,000, a \$349,000 increase over original estimates. This is partially due to the increased costs of management services as a result of the delay, but primarily due to acquisition of the original vendor, Stellant Imaging, by Oracle which has required equipment and related upgrading.

Both capital projects are expected to provide significant benefits and efficiencies for other City Departments.

COMMON COUNCIL CITY CLERK: \$350,000

License Division Remodeling - \$350,000: This remodeling is necessary to allow the License Division the space and security necessary for functioning properly. The License Division currently operates in a limited area which hampers the ability to process licenses in an effective and efficient manner. The current design also puts employees' safety at risk when dealing with unpredictable and irate customers. The new plan accounts for this and allows staff members a safe exit from their work area when needed.

FIRE & POLICE COMMISSION: \$150,000

Fire and Police Commission Remodeling - \$150,000: These funds will be used to build-out appropriate space for Fire and Police Commission ("FPC") operations. The FPC asserts its current location is insufficient in square footage and design for its needs. The current space has no lobby waiting area, secure file storage area, document copy/preparation area, interview/meeting/conference room, or supply area. It lacks appropriate space for serving walk-in complainants and visitors, and has no office accommodations for any of the 7 commissioners to perform their functions. There is insufficient area to accommodate the current staff, and cubicle space is borrowed from neighboring departments to accommodate staff. As a result, the FPC lacks the space, and privacy and security commensurate with the sensitive and confidential nature of its mission.

ELECTION COMMISSION: \$40,000

Election Commission Remodeling - \$40,000: These funds will be used for office remodeling of the Election Commission. There are currently 4 workstations in the Election Commission and

the addition of 2 staff members has created a need for additional workstations. The current workstations have been in place for several years and are in poor condition. The elimination of file cabinets filled with clutter, the strict adherence to the destruction of records in accordance with the department's record retention schedule and the implementation of a program to image all voter registration cards have created much needed work space.

GRANT & AID FUNDED: \$36,386,000

➤ **DPW - Infrastructure Services Divison: \$34,886,000**

Major Bridges - \$4,436,000: The Local Bridge Replacement/Rehabilitation Program was established to rehabilitate and replace, on a cost-shared basis, the most seriously deficient existing bridges on Wisconsin's local highway and road systems. Counties, cities, villages and towns are eligible for rehabilitation funding on bridges with a sufficiency rating less than 80, and replacement funding on bridges with sufficiency ratings less than 50. Under the program, federal and state funds cover 80% of specific individual project costs and are matched by 20% local funding. ISD anticipates receiving \$4,436,000 in aid through this program in 2009.

Major Streets - \$30,450,000: The department anticipates receiving \$30,450,000 in combined county, state, and federal funding for their Major Streets Program in 2009. There are 20 major street reconstruction projects scheduled for 2009.

➤ **Port of Milwaukee: \$1,450,000**

Wisconsin Department of Transportation Harbor Assistance Program Grant - \$800,000: This grant will support the Port's ongoing pier, berth and channel improvements program. This will fund various infrastructure improvements in the mooring basin and the Outer Harbor, as well as at the Port's Heavy Lift Dock.

U.S. Department of Homeland Security Port Security Grant - \$650,000: This grant will be used to purchase a replacement vessel (new or used) for the Port's security patrol.

➤ **Library: \$50,000**

An anticipated \$50,000 in grant funding is to be provided from MMSD to support an ongoing program of maintenance to the exterior façade of the Central Library.

ENTERPRISE FUNDS: \$61,482,000

➤ **Sewer Maintenance: \$31,450,000**

Sewer Maintenance Fund - \$31,450,000: Borrowing authority for sewer maintenance in 2009 is budgeted separately within the Special Fund budget at \$31,450,000. The Sewer Maintenance Fund will reimburse the City for debt service. An amount of \$2.9 million in cash financing is proposed to improve Fund sustainability, reducing the need for future fee increases. The Proposed Budget is predicated on a capital borrowing strategy that relies on application for State of Wisconsin Clean Water Fund loans and General Obligation (GO) Bonds to avoid budgeting for the reserve requirements of Revenue Bonds.

➤ **Water: \$27,096,000**

Water Main Improvements - \$16,780,000: These capital improvements include \$16,480,000 (\$16,380,000 non-assessable and \$100,000 assessable) to replace deteriorating and sub-standard water main sections which have histories of failure. This is an ongoing upkeep capital improvement program to maintain the Water Works infrastructure. Also included is \$300,000 to install new water mains in new developments to Water Work's service area.

Improvements to Facilities \$10,316,000:

Milwaukee Water Works - 2009 Capital Improvements to Facilities			
Linnwood Treatment Plant		Pump Facilities (continued)	
Security upgrade: gate/guard	50,000	Lincoln	
Engineer's office space	200,000	Substation refurbishment	50,000
Motor control centers	250,000	Grange	
Wash water line	500,000	Pump upgrades	300,000
Valves for ozone bypass	100,000	Various	
Chemical feed upgrade	200,000	Energy efficiency	150,000
Linnwood Plant Total	1,300,000	Security upgrades	100,000
Howard Treatment Plant		Pump Facilities Total	3,440,000
Admin bldg HVAC and roof	350,000	Storage Facilities	
Security	100,000	Roof construction	2,000,000
Chemical feed upgrade	500,000	Paint tank	1,826,000
Howard Plant Total	950,000	Meter Repair Shop	
Pump Facilities		Repair/replace windows	300,000
Florist Station		Backup Power Generation	
Substation, switchgear	2,000,000	Florist	500,000
Pump upgrades	540,000		
Howard		Total All Improvements	10,316,000
Substation, switchgear	300,000		

➤ **Parking Fund: \$2,936,000**

Miscellaneous Structural/Mechanical/Electrical Maintenance - \$250,000: This program provides for necessary repairs of a non-emergency nature that when left uncorrected lead to structural, mechanical or electrical deterioration. By grouping smaller planned repair or renovation projects into a single capital account, DPW can adjust priorities and individual scopes during the budget year. It also allows staff to bid similar work across various structures to obtain lower prices.

MacArthur Square Renovation - \$290,000: In 2009, the east level of the 7th Street level will be repainted. This has not been done since 1992. The paint is peeling and dirty, providing an unsafe appearance. White glossy paint will be applied to provide increased lighting levels and brighten the structure's entire appearance.

1000 N. Water Parking Structure Repairs - \$560,000: In 2009, water-repellant sealer will be applied to the concrete deck slabs to prevent chloride contamination, rebar corrosion, and concrete delamination on all nine of the structure's levels.

Multi-space meters - \$1,300,000: The 2009 Proposed Parking Fund Capital Budget provides \$1.3 million for the 3rd Phase of the installation of multi-space parking meters. Upon completion of Phase 2 of the multi-space meter installation, there will be a total of 177 multi-space meters installed, encompassing approximately 1,862 parking spaces. The 2009 proposal for \$1.3 million is sufficient to purchase approximately 89 units, although an exact number is unknown at this time until the price is determined for the new model. These 89 units are expected to provide for approximately 700-800 parking spaces.

These multi-space meters will be installed in the remaining areas of Downtown/3rd Ward that currently do not have multi-space meters. The meter's manufacturer has developed a lower power model so that the meter's batteries will not have to be re-charged with electrical power. This will allow the DPW to install the meters in areas with hollow-walk sidewalks that are located in the 3rd Ward and some parts of downtown.

Tow Lot Office Expansion - \$536,000: Until 2006, approximately 50% of all towed vehicles were retrieved by owners. In recent years, the percentage of retrieved vehicles has increased to 75% and the total number of tows has also increased. In 2007, over 36,000 vehicles were towed and of that over 27,000 were retrieved by owners. In addition to providing towing related services, tow lot clerks also sell night permits, issue summons and complaints and take citation payments. Currently the tow lot has only 3 service windows to assist the public. This office remodeling will increase the number of customer service windows from 3 to 5 and will provide additional office space for the additional staff required to work at the tow lot to provide customer service.

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