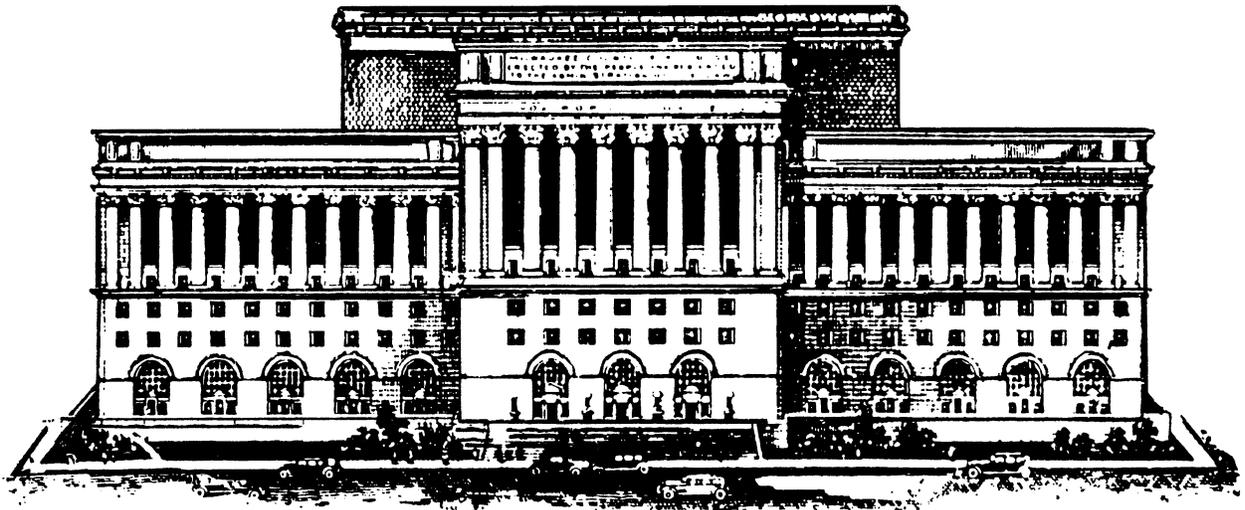


**MILWAUKEE COUNTY
EXECUTIVE BUDGET
2009 CAPITAL IMPROVEMENTS**



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Milwaukee County Executive**

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of
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**Cynthia Archer
Director, Department of Administrative Services**

**Steven R. Kreklow
Fiscal and Budget Administrator**

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Milwaukee County

Summary of 2009 Recommended Capital Improvements Budget

As of September 16, 2008 at 1:34:49 PM

Project	Description	Capitalized Interest	2009 Recommended	Reimbursement Revenue	Net County Contribution	Sales Tax Revenue	Investment Earnings	Private Contribution	PFC Revenue/Airport Reserve	Bonds
TRANSPORTATION AND PUBLIC WORKS										
Highway										
WH001	Traffic Hazard Elimination Program	1,000	339,250	304,425	34,825	0	500	0	0	34,325
WH002	Congestion Mitigation Air Quality Program (CMAQ)	2,700	502,700	400,000	102,700	0	1,500	0	0	101,200
WH010	County Trunk Highway Program	14,300	1,674,300	1,130,000	544,300	0	7,900	0	0	536,400
WH030	Bridge Replacement Program	1,600	301,600	240,000	61,600	0	900	0	0	60,700
WH080	Bridge Rehabilitation Program	5,400	1,005,400	800,000	205,400	0	3,000	0	0	202,400
WH082	National Highway System	1,100	201,100	180,000	21,100	0	600	0	0	20,500
WH083	W. Silver Spring Drive	42,400	5,912,400	4,280,000	1,632,400	0	23,400	0	0	1,609,000
WH086	W. Good Hope Road	107,200	8,305,400	4,203,690	4,101,710	0	59,000	0	0	4,042,710
	Total Highway	\$175,700	\$18,242,150	\$11,538,115	\$6,704,035	\$0	\$96,800	\$0	\$0	\$6,607,235
Mass Transit										
WT014	Bus Radio System Upgrades at MCTS Dispatch Office	8,600	1,619,600	1,280,000	339,600	0	4,700	0	0	334,900
WT031	Replacement of Air Conditioning Unit at the MCTS Administration Bldg.	2,400	456,900	360,000	96,900	0	1,400	0	0	95,500
WT039	Diesel Pump/Piping at KK	3,100	578,100	456,000	122,100	0	1,700	0	0	120,400
WT305	Roof Replacement at the MCTS Administration Building	1,400	253,400	200,000	53,400	0	800	0	0	52,600
	Total Mass Transit	\$15,500	2,908,000	2,296,000	612,000	0	8,600	0	0	603,400
Airport										
WA044	GMA - In-line Baggage Screening Phase 1	0	2,815,000	0	2,815,000	0	0	0	0	2,815,000
WA072	LJT Airfield Pavement Rehabilitation	0	277,000	268,125	8,875	0	0	0	8,875	0
WA090	Firhouse Roof Replacement	0	351,000	0	351,000	0	0	0	351,000	0
WA091	Mail Level Restroom Renovations	0	1,434,550	0	1,434,550	0	0	0	1,434,550	0
WA094	GMA Runway Safety Area Improvements	0	13,221,000	11,546,500	1,674,500	0	0	0	1,674,500	0
WA100	GMA - Security System Fiber Optic Infrastructure Replacement	0	1,503,000	1,304,625	198,375	0	0	0	198,375	0
WA104	GMA-Southside Trituration Building	0	461,000	0	461,000	0	0	0	461,000	0
WA108	Terminal HVAC Replacements	0	1,764,000	0	1,764,000	0	0	0	0	1,764,000
WA122	GMA Airfield Pavement Rehabilitation	0	858,000	743,750	114,250	0	0	0	114,250	0
WA123	GMA Airfield Safety Improvements	0	494,000	428,750	65,250	0	0	0	65,250	0
WA133	GMA - Concure D Hammerhd Restrm Remodel -Design	0	221,000	0	221,000	0	0	0	221,000	0
WA134	GMA - Perimeter & ARFF Road Reconfigure -Design	0	225,000	196,000	29,000	0	0	0	29,000	0
WA137	GMA - Operations Control Center Renovation	0	556,000	0	556,000	0	0	0	556,000	0
WA139	GMA - Redundant Main Electric Svc Feed -Design	0	321,000	0	321,000	0	0	0	321,000	0
WA140	GMA - Parking Structure 6th Floor Membrane	0	761,250	0	761,250	0	0	0	0	761,250
WA141	GMA Administration Building Ground Floor Elevator	0	184,000	0	184,000	0	0	0	184,000	0
WA143	GMA Cargo Ramp 3D Access Control Security	0	270,000	236,250	33,750	0	0	0	33,750	0
WA144	GMA Terminal South Escalator Reorientation	0	198,000	0	198,000	0	0	0	198,000	0
	Total Airport	\$0	25,914,800	14,724,000	11,190,800	0	0	0	5,850,550	5,340,250
Environmental										
WV009	County-wide Sanitary Sewers Repairs	13,400	517,400	0	517,400	0	7,400	0	0	510,000
	Total Environmental	\$13,400	517,400	0	517,400	0	7,400	0	0	510,000
	Total TRANSPORTATION AND PUBLIC WORKS	\$204,600	47,582,350	28,556,115	19,024,235	0	112,800	0	5,850,550	13,060,885
PARKS, RECREATION AND CULTURE										
Parks, Recreation, & Culture										
WP057	Dog Park Phase II	6,400	248,400	0	248,400	0	3,600	0	0	244,800
WP069	Countywide Play Area Redevelopment Program	49,400	1,904,400	0	1,904,400	0	27,200	0	0	1,877,200
WP105	Lincoln Family Aquatics Center Phase 2	138,900	5,368,400	0	5,368,400	0	76,400	0	0	5,292,000
WP167	Parks Countywide Restroom Renovations	14,400	559,440	0	559,440	0	8,000	0	0	551,440
	Total Parks, Recreation, & Culture	\$209,100	8,080,640	0	8,080,640	0	115,200	0	0	7,965,440

Milwaukee County
Summary of 2009 Recommended Capital Improvements Budget
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Project	Description	Capitalized Interest	2009 Recommended	Reimbursement Revenue	Net County Contribution	Sales Tax Revenue	Investment Earnings	Private Contribution	PFC Revenue/Airport Reserve	Bonds
Museum										
WM005	Museum Air Handling and Piping Replacement	22,100	853,700	0	853,700	0	12,200	0	0	841,500
WM009	Museum Roof Replacement	3,200	121,900	0	121,900	0	1,800	0	0	120,100
	Total Museum	\$25,300	975,600	0	975,600	0	14,000	0	0	961,600
Zoological Department										
WZ014	Zoo Infrastructure Improvements	16,600	639,953	0	639,953	0	9,400	0	0	630,553
WZ029	Zoo Special Exhibits Building Roof Replacement	9,600	368,577	0	368,577	0	5,300	0	0	363,277
WZ601	Point of Sale Replacement 2008	26,700	1,026,700	0	1,026,700	0	14,700	0	0	1,012,000
	Total Zoological Department	\$52,900	\$2,035,230	\$0	\$2,035,230	\$0	\$29,400	\$0	\$0	\$2,005,830
Total PARKS, RECREATION AND CULTURE										
		\$287,300	11,091,470	0	11,091,470	0	158,600	0	0	10,932,870
HEALTH AND HUMAN SERVICES										
Behavioral Health										
WE028	Replace Nurse Call System	4,400	167,696	0	167,696	0	2,400	0	0	165,296
	Total Behavioral Health	\$4,400	167,696	0	167,696	0	2,400	0	0	165,296
Human Services										
WS029	Washington Park Sr Ctr - Cooling Tower Replacemt	1,300	47,188	0	47,188	0	700	0	0	46,488
WS030	Washington Park Sr Ctr - Repl Fire Alarm	8,700	335,700	0	335,700	0	4,800	0	0	330,900
WS032	Replace Coggs Center Varitable Air Volume Boxes	22,200	854,962	0	854,962	0	12,200	0	0	842,762
	Total Human Services	\$32,200	1,237,850	0	1,237,850	0	17,700	0	0	1,220,150
County Grounds										
WG012	1000 MG Waterspheroid (190' TCL) Tank	11,600	444,600	0	444,600	0	6,400	0	0	438,200
	Total County Grounds	\$11,600	444,600	0	444,600	0	6,400	0	0	438,200
	Total HEALTH AND HUMAN SERVICES	\$48,200	1,850,146	0	1,850,146	0	26,500	0	0	1,823,646
GENERAL GOVERNMENT										
Courthouse Complex										
WC013	CJF Pod Workstation Replacement	5,400	205,400	0	205,400	0	3,000	0	0	202,400
WC023	CH Complex Automation & Access Control Update	21,000	804,916	0	804,916	0	11,500	0	0	793,416
WC025	Courthouse Restroom Renovation	6,700	258,700	0	258,700	0	3,700	0	0	255,000
WC027	Courthouse Light Court Window Replacement	9,000	346,000	0	346,000	0	5,000	0	0	341,000
WC042	CJF - Install Doors and Plumbing in Pod 3D Cells	2,700	102,700	0	102,700	0	1,500	0	0	101,200
WC057	Courtroom Bullet Resistant Glass Wall	6,400	246,200	0	246,200	0	3,600	0	0	242,600
WC060	CJF - Pod 4D Tamper Resistant Recreation Cells	4,000	152,800	0	152,800	0	2,200	0	0	150,600
WC063	CJF Cell Toilet Flushing Control System	8,600	328,600	0	328,600	0	4,700	0	0	323,900
	Total Courthouse Complex	\$63,800	2,445,316	0	2,445,316	0	35,200	0	0	2,410,116
House of Correction										
WJ010	Kitchen Equipment Replacement	8,000	308,000	0	308,000	0	4,400	0	0	303,600
WJ014	Replace Hot Water Heater	2,000	77,000	0	77,000	0	1,100	0	0	75,900
WJ031	Laundry Equipment Replacement	4,300	164,782	0	164,782	0	2,400	0	0	162,382
WJ049	HOC Infrastructure Improvements	2,400	88,400	0	88,400	0	1,400	0	0	87,000
WJ052	Replace Water Pipe North Building	3,400	129,100	0	129,100	0	1,900	0	0	127,200
WJ053	Replace Toilets in C2 Dorm	1,700	64,200	0	64,200	0	1,000	0	0	63,200
	Total House of Correction	\$21,800	\$831,482	\$0	\$831,482	\$0	\$12,200	\$0	\$0	\$819,282
Other Agencies										
WO029	Milwaukee County Historical Society Renovation	49,700	3,121,700	0	3,121,700	0	27,400	1,198,240	0	1,896,060

Milwaukee County
Summary of 2009 Recommended Capital Improvements Budget

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Project	Description	Capitalized Interest	2009 Recommended	Reimbursement Revenue	Net County Contribution	Sales Tax Revenue	Investment Earnings	Private Contribution	PFC Revenue/Airport Reserve	Bonds
Countywide Access Road Improvement Program - Estabrook										
WO030	Park	13,800	520,800	0	520,800	0	7,600	0	0	513,200
WO038	Marcus Center HVAC Upgrade	15,900	613,900	0	613,900	0	8,800	0	0	605,100
WO057	Wil-O-Way Storage Room	1,700	63,700	0	63,700	0	1,000	0	0	62,700
WO059	Wil-O-Way Grant Roof Replacement	2,600	98,253	0	98,253	0	1,500	0	0	96,753
Countywide Access Road Improvement Program - Dineen										
WO060	Park	2,600	98,600	0	98,600	0	1,500	0	0	97,100
WO061	Root River Parkway Drive - 76th to Grange	0	154,200	0	154,200	0	0	0	0	154,200
WO062	Additional Capacity - Public Safety Radio System	6,000	231,000	0	231,000	0	3,300	0	0	227,700
WO063	Electronic Vote Tabulator System	5,200	198,900	0	198,900	0	2,900	0	0	196,000
WO112	Fleet Equipment Acquisition	23,800	3,838,800	0	3,838,800	0	13,200	0	2,925,000	900,600
WO205	Capital Monitoring Database	0	150,000	0	150,000	150,000	0	0	0	0
WO422	In Squad Cameras- Vision Hawk Digital	5,100	195,100	0	195,100	0	2,800	0	0	192,300
WO601	Countywide Technical Infrastructure Improvements	5,500	210,500	0	210,500	0	3,100	0	0	207,400
Children's Court Phone System and Roebles Phone System										
WO605	Installation	11,200	431,200	0	431,200	0	6,200	0	0	425,000
WO606	Rewire County Facilities	4,800	185,300	0	185,300	0	2,700	0	0	182,600
WO618	Public Safety Communication Project	8,800	338,800	0	338,800	0	4,900	0	0	333,900
WO619	Regional Disaster Recovery Data Center	9,600	369,600	0	369,600	0	5,300	0	0	364,300
King Community Center - Vestibule and Locker Room										
WO860	Alterations	5,500	210,700	0	210,700	0	3,100	0	0	207,600
WO870	County Special Assessments	0	250,000	0	250,000	250,000	0	0	0	0
WO950	Milwaukee County Public Art Program	6,000	249,249	0	249,249	20,000	3,300	0	0	225,949
Total Other Agencies										
		\$177,800	\$11,530,302	\$0	\$11,530,302	\$420,000	\$98,600	\$1,198,240	\$2,925,000	\$6,888,462
Total GENERAL GOVERNMENT										
		\$263,400	14,807,100	0	14,807,100	420,000	146,000	1,198,240	2,925,000	10,117,860
Grand Total 2009 Recommended Capital Improvements										
		\$803,500	75,331,066	28,558,115	46,772,951	420,000	443,900	1,198,240	8,775,550	35,935,261
Total Excluding Airports										
		\$803,500	49,416,266	13,834,115	35,582,151	420,000	443,900	1,198,240	2,925,000	30,595,011

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INTRODUCTION

The 2009 Recommended Capital Improvements Budget includes 92 separate projects for a total expenditure appropriation of \$75,331,066. Anticipated reimbursement revenue (Federal, State and local grants) totals \$28,558,115 resulting in a net County financing of \$46,772,951.

Appropriations for 74 corporate purpose projects total \$49,416,266 with offsetting reimbursement revenues of \$13,834,115. The resulting net county financing of \$35,582,151 is to be financed by \$30,595,011 in general obligation corporate purpose bonds, \$420,000 in sales tax revenues, \$443,900 in investment earnings from the bond proceeds, \$2,925,000 in Passenger Facility Charges (PFC) revenue and \$1,198,240 in private donations.

Comparison to the 2008 Adopted Budget

The 2008 Capital Improvements Budget includes 90 separate projects for a total expenditure appropriation of \$57,212,387. Anticipated reimbursement revenue (Federal, State and local grants) totals \$17,377,719 resulting in net County financing of \$39,834,668.

Appropriations for 76 corporate purpose projects total \$45,909,987 with offsetting reimbursement revenues of \$10,409,954. The resulting net county financing of \$35,500,033 is to be financed by \$29,844,933 in general obligation corporate purpose bonds, \$417,000 in sales tax revenues, \$778,100 in investment earnings from the bond proceeds and \$1,285,000 in Passenger Facility Charges (PFC) revenue, \$1,275,000 in miscellaneous revenue and \$900,000 in private donations.

Budgeted expenditure appropriations for 2008 Airport capital improvements total \$11,302,400. Airport reimbursement revenue of \$6,967,765 results in net County financing of \$4,334,635. Net County financing for Airport projects includes \$1,960,750 in General Airport Revenue Bonds and \$907,940 in Passenger Facility Charges (PFC) revenue bonds and/or pay-as-you-go PFC financing, and \$1,465,945 in revenue from the Airport capital improvements reserve.

2009 Recommended Airport Budget

Budgeted expenditure appropriations for 2009 Airport capital improvements total \$25,914,800. Airport reimbursement revenue of \$14,724,000 results in net County financing of \$11,190,800. Net County financing for Airport projects includes \$5,340,250 in General Airport Revenue Bonds and \$5,850,550 in Passenger Facility Charges (PFC) revenue bonds and/or pay-as-you-go PFC financing..

From 1982 through 2000, all Airport improvement costs not reimbursed by State or Federal agencies were debt financed using general obligation bonds or financed through pay-as-you-go PFC revenues. Airlines housed in General Mitchell International Airport (GMIA) agreed to pay all accrued principal and interest payments on debt issued on behalf of the Airport. Debt issued for the Airport from 1982 to 1984 is being repaid by the Airlines in accordance with a 25-year repayment schedule outlined in the Airline lease agreement. Bonds issued after 1984 are repaid by the Airlines over the actual term of the issue. Airport bonds issued after 1985 are classified as private activity bonds. These bonds remain tax-exempt, but income earned from interest on these bonds may be subject to the Alternative Minimum Tax for some taxpayers. The County began issuing General Airport Revenue Bonds in 2000 to finance the GMIA parking facility. Beginning in 2004, the County has been issuing PFC-backed revenue bonds supported by GARBs. All debt service payments for the revenue bonds will be the responsibility of the Airlines using GMIA. A portion of the PFC-backed bond issues were GARBs.

Airport Quarterly Reports

The Airport Director shall continue to submit quarterly reports to the Committees on Finance and Audit and Transportation and Public Works on the status of all currently authorized Capital Improvement projects. The report shall provide the following information for each authorized Capital Improvement Project:

- Date of initial County Board approval
- Brief description of scope of project
- Estimated completion date

- Expenditures and revenues summary, including reconciliation of each revenue source (e.g. Passenger Facility Charges, Airport Reserve, Bonds and Miscellaneous Revenue) and amount of committed funds for each.
- Date, purpose and amount of any approved appropriation transfers

Each quarterly report shall be submitted to the County Board within one month of the end of each quarter. The first report, for the period ending December 31, 2008, shall be submitted to the County Board Committees of Finance and Audit and Transportation, Public Works and Transit no later than February 1, 2009.

2009 Expenditure Appropriations by Function

The largest 2009 expenditure category is for Transportation and Public Works-related departments. Budgeted appropriations of \$47,582,350 represent approximately 63 percent of total 2009 capital appropriations. The \$47,582,350 in appropriations is offset with 60.0 percent in reimbursement revenues. In fact, 100 percent of the reimbursement revenues budgeted in the 2009 Capital Improvements Budget is budgeted in this category.

Major Transportation and Public Works projects include WA094 – Runway Safety Area – NEPA Compliance (\$13,221,000), WH086 – West Good Hope Road Rehabilitation (\$8,305,400), WH083 – West Silver Spring Drive (\$5,912,400) and WA044 – GMAI – In-line Baggage Screening Phase I (\$2,815,000).

The 2009 Capital Improvements Budget includes appropriations of \$11,094,470 for Parks, Recreation and Culture. This amount represents 14.7 percent of the total capital budget. Major projects include WP105 – Lincoln Park Family Aquatic Center Phase 2 (\$5,368,400), WP069 – Countywide Play Area Redevelopment Program (\$1,904,400) and WZ601 – Point of Sale Replacement 2008 (\$1,026,700).

Budgeted appropriations for General Government departments total \$14,807,100. This amount represents 19.7 percent of the total capital budget. Major appropriations include WO112- Fleet Equipment Acquisition (\$3,838,800), WO029 – Milwaukee County Historical Society Renovation (\$3,121,700) and WC023 – CH Complex Automation & Access Control Update (\$804,916).

Capital appropriations for Health and Human Services departments total \$1,850,146. This amount represents 2.5 percent of the total capital budget. The most significant projects budgeted in this functional area WS032 – Variable Air Volume Boxes – Upgrade/Replacement (\$854,962) and WS030 – Washington Park Senior Center – Replace Fire Alarm (\$335,700).

MAJOR 2009 CAPITAL IMPROVEMENT ISSUES

A “Holistic” Approach to Capital Planning

As a key to effective and efficient management, the County continually strives to better plan and manage its Capital Improvement Program. The County has made significant investments in its infrastructure, but the increasing demands of the County’s aging and deteriorating infrastructure are creating a backlog of necessary improvements. To address this backlog in a systematic and efficient manner, the Department of Administrative Services (DAS) met with departments and gathered input into methods for addressing the County’s deteriorating infrastructure. Based on information shared in those discussions, DAS will begin phasing in an approach to future infrastructure improvements within the County’s current debt management policies based on best practices of capital planning and finance.

Ideally major upgrades and renovation to an entire facility and its surrounding infrastructure will take place during a single budget year. Therefore, rather than updating a county-owned facility in a fragmented fashion that may take several years to implement, the entire building will be assessed and all necessary improvements and repairs will be made for that facility. An additional benefit of this approach is the potential for lower overall project costs by consolidating the entire design and construction functions rather than multiple designs and phases of construction for a project.

This planning effort will allow the County to develop a master plan for each site, which can be integrated into a larger countywide master plan. Each site plan would outline the ongoing maintenance necessary to maintain the site throughout its useful life. These master plans would all be monitored in a cohesive countywide plan that would

allow the County a greater degree of budget stability with regards to infrastructure maintenance. One key component of a successful capital improvements program is the coordination between the capital and operating major maintenance plans. Responsible departments must perform prescribed routine major maintenance once the redevelopment is complete.

Projects that will address the immediate needs, renovation or redevelopment of County-owned buildings and sites in future years will also develop replacement plans for items such as boilers, furnaces, electrical systems, etc.

Two parks projects were recommended for inclusion in the 2009 Capital Improvements Budget as pilot projects for the holistic approach described above. Lincoln Park, for example, has had significant improvements in the past few years. However, small components within Lincoln Park's overall infrastructure still require upgrades. The 2009 Recommended Capital Improvements Budget begins the process of addressing these remaining issues over the next three years. Another example in the 2009 Recommended Capital Improvements Budget is the reconstruction of the parking lot at Dineen Park. Dineen Park has experienced significant improvements in the past few years, including two recently constructed splash pads. Similar to Lincoln Park, the remaining deficiencies will be addressed in the next three years.

Transportation Services is also phasing in a new programmatic approach to the implementation of highway capital projects. The goal of the new approach is to allow the County greater flexibility and stability with the funds supporting various highway projects. Highway projects are multi-million dollar projects that are often delayed due to a variety of issues. Starting in 2009, Transportation Services will be given the flexibility to implement projects approved for the budget year and to the extent that these projects are delayed or deferred, will have the authority to replace projects with projects listed in the five-year capital plan. Transportation Services must obtain approval from the Department of Administrative Services prior to substitution or replacement of current year projects. Quarterly reports will be submitted to the appropriate standing committee regarding the status of highway capital projects.

The last functional area that is affected includes facilities owned by the County. Through a more holistic approach to capital infrastructure repair and maintenance, a facility will be selected based on the level of infrastructure deterioration and maintenance necessary. These needs will be considered in relation to the County's overall goals for space needs planning and consolidation. These space needs standards will be devised by the newly created Department of Administrative Services (DAS) Property Management Division to facilitate a countywide, formalized approach to management of County space.

Future Borrowing Limitations

In June 2003, the County Board issued \$100,025,000 in general obligation refunding bonds to advance refund various maturities from the 1994 through 2002 corporate purpose bond issues. The refunding increased the County's overall outstanding debt service by \$48.7 million. In order to minimize the impact of this refunding on the County's debt service, the County Board also adopted a change in the County's debt management goals restricting future borrowing. In effect, this policy limits 2005-2007 borrowing to an increase of no more than \$1 million over the previous year's corporate purpose bond amount. In addition, the corporate purpose bond amount for 2008 was set at a not-to-exceed amount of \$30 million, and future not-to-exceed amounts are to increase by 3 percent over the previous year's bond amount. The not-to-exceed amount for 2009 is \$30,600,000, excluding \$300,000 for the cost of issuance. The 2009 Executive Budget complies with the established borrowing limit.

Impact of County Property Tax Rate Limit

Approval of a property tax rate limit for Wisconsin counties has resulted in limits for both operating and debt service purposes.

1993 Levy Cap: The rate limit is based on the 1992 levy rate adopted for the 1993 budget. The operating levy rate may only be increased if program or service responsibilities are transferred from one governmental unit to another or if a rate increase is approved by public referendum.

The conditions under which the debt service rate may be increased include: 1) approval of issuance of debt at a referendum; 2) adoption of a resolution by the County Board of Supervisors which sets forth its "reasonable

expectation” that the issuance of the debt will not result in an increase in the tax rate; 3) actual authorization of the debt prior to the August 12, 1993 effective date of the rate limit; 4) issuance of debt for regional projects as described in Section 67.05(7)(f), Wisconsin Statutes; 5) issuance of debt to refund outstanding municipal obligations or 6) adoption of a resolution to issue debt which is approved by a 3/4 vote of the members-elect of the County Board.

The rate limit also prohibits borrowing for "operating expenses." The statute defines operating expenses as "wages, salaries, fringe benefits, materials, supplies, contractual services, equipment with a useful life of less than one year and other costs specified by the Department of Revenue by rule." Because many expensed or non-capitalized projects are considered to have a useful life of less than one year, debt obligations typically may not be used to finance these projects. The 2009 Capital Improvements Budget does contain some expensed projects (non-capitalized). These projects are financed with sales tax revenue or revenue generated from Passenger Facility Charges (PFCs). The tax rate limit applies to all current County managed operations including internal service and enterprise operations which are supported by property taxes. Property tax levy support for these funds is reflected in the general fund.

Wisconsin Act 20: Effective July 27, 2005, and modified October 26, 2007, Section 66.0602, 2005 Wisconsin Act 25 Local Levy Limits has been enacted so that no city, village, town or county may increase its levy in any year by a percentage that exceeds the political subdivision's valuation factor or 3.86 percent. The "valuation factor" means a percentage equal to the percentage change in the political subdivision's January 1 equalized value due to new construction.

According to the State of Wisconsin the levy cap for 2008 will not be released until October of 2008. It is anticipated that the 2008 (payable in 2009) levy limit will consist of net new construction, which is 1.683 for 2008 (payable in 2009) plus the terminated TID percentage percent. The 2007 terminated TID percentage was .52 percent. This percentage may change for 2008.

The 2007 levy cap combines operating and debt service levy amounts. The conditions under which the levy limit may be adjusted include:

- (a) if a political subdivision transfers to another governmental unit responsibility for providing any service that the political subdivision provided in the preceding year, the levy increase limit otherwise applicable under this section to the political subdivision in the current year is decreased to reflect the cost that the political subdivision would have incurred to provide that service as determined by the department of revenue;
- (b) if a political subdivision increases the services that it provides by adding responsibility for providing a service transferred to it from another governmental unit that provided the service in the preceding year, the levy increase limit otherwise applicable under this section to the political subdivision in the current year is increased to reflect the costs of that service, as determined by the department of revenue;
- (c) if a city or village annexes territory from a town, the city's or village's levy increase limit otherwise applicable under this section is increased in the current year by an amount equal to the town levy on the annexed territory in the preceding year and the levy increase limit otherwise applicable under this section in the current year for the town from which the territory is annexed is decreased by that same amount, as determined by the department of revenue;
- (d) (1) if the amount of debt service for a political subdivision in the preceding year is less than the amount of debt service needed in the current year, as a result of the political subdivision adopting a resolution before July 1, 2005, authorizing the issuance of debt, the levy increase limit otherwise applicable to the political subdivision in the current year is increased by the difference between these two amounts, as determined by the department of revenue and (2) if the limit does not apply to amounts levied by a political subdivision for the payment of any general obligation debt service, including debt service on debt issued or reissued to fund or refund outstanding obligations of the political subdivision, interest on outstanding debt of the political subdivision, or the payment of related issuance costs or redemption premiums, authorized on or after July 1, 2005, and secured by the full faith and credit of the political subdivision;
- (e) the limit does not apply to the amount that a county levies in that year for a county children with disabilities education board; and, (f) the limit does not apply to the amount that a 1st class city levies for school purposes. The County is required to comply with both the 1993 levy rate cap and the 2005 levy cap.

Capital Project Staffing/Consultant Plan

Each project narrative and fiscal sheet has a detailed staffing plan listed. Milwaukee County's General Ordinance for Professional Services 56.30(4) requires that "[f]or projects managed by the Department of Transportation and Public Works, the Department of Transportation and Public Works is authorized to enter into contractual services or professional services agreements as may be required for specific capital improvement projects which have been previously approved by County Board action." Furthermore, "[t]he budget write-up shall contain specific information as to the scope of the project, professional services required and estimated cost of the professional service work to be performed." Subsequent to budget adoption, Department of Transportation and Public Works prepares a final staffing plan, which is reviewed and approved by the County Board. Any subsequent changes to the final 2009 staffing plan have to be approved by the County Board of Supervisors.

Appropriations Based on Cash Flow Needs

The 2009 Capital Improvements Budget is based on cash flow requirements for multi-year projects. The capital improvements budget was developed based on cash flow financing needs due to the establishment of expenditure targets by the Federal government for tax exempt, debt-financed projects. This budgeting practice may result in the approval of multi-year construction contracts for projects that exceed the budgeted appropriation. In these cases, subsequent appropriations may be necessary to complete project financing. In several instances, appropriations for 2009 will result in contractual obligations for 2010 to complete project financing initiated or continued in 2009 or prior years.

PFC Revenues

During 1995, General Mitchell International Airport received authorization to charge a \$3 per-person Passenger Facility Charge (PFC). The 2009 Capital Improvements Budget reflects \$10,571,675 in PFC-backed revenue bonds or pay-as-you-go PFC revenues. The Airport Capital Improvements Budget reflects \$7,756,675 from pay-as-you-go PFC revenues and \$2,815,000 in PFC-backed revenue bonds. PFC revenues of \$2,925,000 are budgeted for 2009 in WO112 – Fleet Equipment Acquisition as an offset to equipment costs for items being purchased for the Airport.

Federal Expenditure Targets for Tax Exempt Bonds

Federal tax law governs the use of bond proceeds. Beginning with 1990 bond issues, the Federal government established expenditure targets for spending tax-exempt municipal bond proceeds. Expenditure targets follow six-month intervals from the closing date and it is required that all proceeds be spent in either 18 or 24 months depending upon the particular issue.

If less than 75 percent of the bond issue is to finance construction projects then the rebate method (18-month expenditure period method) must be used. If 75 percent or more will be used to finance construction projects, the County has the option of selecting the rebate or penalty-in-lieu of rebate method (24-month expenditure period).

Failure to meet these targets subjects the County to financial liability under the rebate or the penalty-in-lieu of rebate method. Under the rebate method, if the County fails to meet the expenditure targets and the investment rate is higher than the interest rate of the bonds, then all investment earnings on the unspent bond proceeds (in excess of the amount which would have been earned if the proceeds had been invested at a rate equal to the rate on the bonds) must be paid to the Federal government. No amount is required to be paid if the investment rate is lower than the interest rate on the bonds even if the expenditure targets have not been met.

Under the penalty-in-lieu of rebate method, financial penalties totaling up to 1.5 percent of the unspent bond proceeds, including investment earnings, will be assessed every six months until all of the proceeds are spent for each target that is unmet. If expenditure targets are not met, for either method, appropriations for individual projects will be reduced to pay rebate or penalty amounts.

2009 Corporate Purpose Bonds

6 months	15 percent of proceeds and actual and expected earnings
12 months	60 percent of proceeds and actual and expected earnings
18 months	100 percent of proceeds and actual earnings

2009 Airport Revenue Bonds

6 months	10 percent of proceeds and actual and expected earnings
12 months	45 percent of proceeds and actual and expected earnings
18 months	75 percent of proceeds and actual and expected earnings
24 months	100 percent of proceeds and actual earnings

A small amount of proceeds is allowed to be spent after the final 18th or 24th month, whichever is applicable, to allow for contract retainage. Project bonds are issued on a reimbursement basis, which allows project expenditures to be incurred on January 1 for projects budgeted as part of the annual capital improvements budget.

Regulations for Reimbursement Bonds

The Internal Revenue Service (IRS) regulates the issuance of "reimbursement bonds" or bonds issued subsequent to project expenses actually being incurred. Tax-exempt issuers are allowed to pay capital costs out of available cash in anticipation of issuing long-term bond or note financing if certain conditions are met. The County's current practice is to issue capital improvement debt in the late winter or early spring. Prior to debt issuance, some expenditures may have already occurred for new projects. This practice subjects the County to regulations for reimbursement bonds. The 2009 budget continues the practice of allowing debt-financed expenditures to occur before bonds are actually issued. This practice helps the County to meet expenditure targets for tax-exempt bond issues. The following declarations are made for the purpose of complying with the regulations on reimbursement bonds.

1. A summary of 2009 capital improvements identifies specific projects and the amount of the expenditure appropriation to be debt financed. As described above, the County intends to reimburse itself for expenditures made on debt financed projects with the proceeds of the County's 2009 bond issue(s), the interest on which is to be excludable from the gross income of the owners under Section 103 of the Internal Revenue Code of 1986, as amended.
2. The intent of the County is to use unspent bond proceeds from prior year financings or other cash reserves to make advance expenditures for 2009 capital improvements. The temporary expenditure of prior year bond proceeds will be limited to the use category specified when the bonds were originally issued. These proceeds are not available to finance 2009 capital improvements on a long-term basis because they are allocated to other capital improvements. Separate corporate purpose and Airport issues may be required. The timing of these issues has not been finalized, but based on past experience bonds may be issued in the late winter or early spring.
3. Cash outlays for debt service payments on 2009 bond issues will not be required until 2010. However, interest expense and investment earnings are budgeted each year for all departments during the planning and construction of the projects. Upon substantial completion of the project, proprietary departments (Mass Transit, Airport, and Information Management Service Division) budget for interest payments during each calendar year. This expense is abated in the County's debt service fund. The County's current budget policy is to dedicate County sales and use tax revenues for debt service payments. To the extent sales and use tax revenues are not sufficient, general tax revenues will be used to meet debt service payments. For 2009, all debt service costs are offset with sales tax revenue.

Capitalized Interest and Construction Fund Earnings Recorded in Capital Projects Fund

The current interest expense on bonds issued for projects that are under construction is referred to as capitalized interest. Under generally accepted accounting principles (GAAP), the capitalized interest cost for proprietary fund departments should be reflected in the construction fund of the project (capital projects fund). In the past, interest expense for the general fund capital projects was budgeted in the General Debt Service Fund Budget. These costs have been reallocated to the capital projects so that all of the capitalized interest costs are reflected in the capital projects fund.

The 2009 Capital Improvements Budget includes \$803,500 in appropriation authority to pay capitalized interest costs for the project each year until substantial completion of the project. Upon substantial completion of the project or total project completion, capitalized interest is charged as operating expense in the proprietary departments operating budgets. Capitalized and operating interest expense is reflected as an abatement to the debt service fund

expenditure budget to avoid double counting this expenditure. Construction fund earnings on unspent bond proceeds will reduce net capitalized interest costs. The 2009 budget anticipates \$443,900 in investment earnings for the 2009 bonds and prior year unspent bonds. These earnings are recorded directly in the capital projects fund to offset the interest expense for the bonds. The capital improvement budget narrative and fiscal sheet completed for each project reflects the impact of directly recording both capitalized interest expense and construction fund earnings on project costs.

Requirements for Cash Financing for 2009 Capital Improvements

Beginning with the 1995 capital budget, the County established a cash-financing goal of 20 percent to be implemented over a ten-year period. This policy served to increase minimum cash financing by 2.0 percent annually. Net County financing included in the 2009 budget totals \$46,772,951, including the Airport. Cash needed to meet the 20 percent financing goal is calculated at \$9,354,950 and budgeted cash financing is \$10,837,690 or 23.2 percent of net County financing. Excluding Airport projects, net County financing totals \$35,582,151 of which \$2,062,140 is cash, or 14.0 percent of the total.

Financing for 2009 Capital Improvements

Budgeted financing for 2009 corporate purpose (non-airport) improvements is a combination of Federal, State and local government reimbursement revenues, general obligation bonds and notes, PFC revenues, sales tax revenues, general airport revenue bonds (GARBs), PFC-backed revenue bonds, and investment earnings from proprietary-funded construction projects. Budgeted debt financing for 2009 corporate purpose improvements totals \$30,844,933, including \$1,000,000 in state trust fund loan program financing for the special needs housing project.

The budgeted debt financing of \$30,595,011 represents approximately 61.9 percent of the total corporate purpose appropriation of \$49,416,266. The remaining 38.1 percent of budgeted corporate purpose appropriations is cash financed or financed from reimbursement revenues. Reimbursement revenues total \$13,834,115.

Budgeted debt financing for 2009 potentially will be structured to finance WO950 – Milwaukee County Public Art Program, WO062 – Additional Capacity - Public Safety Radio System, WO063 – Electronic Vote Tabulator System, WO112 – Fleet Equipment Acquisition, WO601 – IMSD Technical Infrastructure, WO402 – In Squad Cameras, WO609 – Centralized Disc to Disc Backup I over a four-year period. The balance of 2009 budgeted debt financed projects will be financed over approximately 15 years.

Although a substantial portion of project costs is financed with long-term debt, only a portion of debt service costs may be paid from tax revenues. Debt financing for enterprise fund departments such as Mass Transit System may be supported in part by operating revenues. This is in contrast to many governmental fund improvements that are wholly tax revenue supported. Revenues from the Airlines or PFC revenue will secure debt issued for the Airport.

Debt Management and Capital Financing Policies

On July 21, 1994, the County Board of Supervisors adopted several debt management and capital financing policies or goals. As stated previously, in June 2003, the County Board issued \$100,025,000 in general obligation refunding bonds to advance refund various maturities from the 1994 through 2002 corporate purpose bond issues. The refunding increased the County's overall outstanding debt service by \$48.7 million. In order to minimize the impact of this refunding on the County's debt service, the County Board also adopted a change in the County's debt management goals restricting future borrowing. In effect, this policy limits 2005-2007 borrowing to an increase of no more than \$1 million over the previous year's corporate purpose bond amount. In addition, the corporate purpose bond amount for 2008 was set at a not-to-exceed amount of \$30 million, and future not-to-exceed amounts are to increase by 3 percent over the previous year's bond amount.

Debt Management and Capital Financing Policies include a requirement that the budget include a summary of the impact that borrowing proposals contained in the budget would have on various measures of debt affordability. As discussed earlier, the policies also established limitations on capital improvement borrowing by requiring an increase in project pay-as-you-go cash financing. The requirement for 2009 is that 20 percent of County financed project costs be financed from cash sources.

Partly due to the rapid amortization of the County's outstanding debt, the three national rating agencies have consistently given the County a solid rating. The County is rated Aa3 by Moody's Investor Service and AA by

Standard & Poor's and Fitch Ratings. In 1998, Moody's Investor Service and Fitch Ratings upgraded the County to its current ratings. Standard & Poor's upgraded the County in 2001 to the current rating of AA, with a stable outlook. Moody's Investor Service added a negative outlook to the County's Aa3 in 2005, which was subsequently upgraded to a stable outlook in 2008. These ratings have been sustained for 2008.

The stable rating for the County is a reflection of the debt management policies implemented in 1994. The debt restructuring reduced the County's rate of amortization from 87 percent to 77 percent, which is still considered a rapid schedule based on a ten-year period. The initial implementation of the bonding caps has increased the amortization rate to 88 percent. The County requested a rating from the rating agencies for the issuance of the \$100,025,000 General Obligation Refunding Bonds, Series 2003A which restructured the County's outstanding debt. All of the ratings agencies affirmed the County's rating for the bond issue and its current outstanding debt.

Table 4 contains a summary of selected debt affordability indicators revised to reflect the impact of the 2003 refunding and future borrowing limitations. This section also provides a comparison of 2009 information with prior year information.

Milwaukee County Debt Management and Capital Financing Policy Goals

1. Tax supported debt service costs shall not exceed actual sales and use tax revenues.
2. Cash financing for capital improvements shall provide for a minimum of 20 percent of County financed project costs. [This goal will be implemented over a ten-year period by increasing minimum cash financing by 2.0 percent annually beginning with the 1995 budget.]
3. Direct debt shall not exceed 1.5 percent of equalized property value.
4. Financing terms shall not exceed 16 years.
5. Average principal maturities shall not exceed 10 years.
6. Net present value savings for proposed advance refundings should total a minimum of 3 percent to 5 percent of refunded principal.
7. Direct debt per capita shall not exceed \$500.
8. Bond insurance will be used when it provides a net economic benefit.
9. County corporate purpose bond issue increases will be limited to a principal amount of no more than \$1 million over the principal amount of the previous year's corporate purpose bond issue.
10. Corporate purpose bond issues for 2008 and forward would be limited to a principal amount of \$30 million plus three percent per year for inflation.

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TABLE 4
DEBT AFFORDABILITY INDICATORS

Debt Service in Comparison to Sales Tax Revenue

Policy Goal:

Tax supported debt service shall not exceed County sales and use tax revenues.

Definition:

Debt service in comparison to county sales and use tax revenues consists of the amount of principal and interest on direct debt that the County must pay from tax revenues compared to net collections of county sales and use tax revenue. Tax supported debt service excludes interest allocations to proprietary fund departments and other debt service fund revenues. Net collections of sales and use tax revenues exclude discounts withheld by retailers and administrative fees retained by the Wisconsin Department of Revenue. Reported sales tax revenue annual totals are in accordance with generally accepted accounting principles (GAAP). Annual totals reflect March thru February monthly receipts.

Trend Information:

Budget Year	Tax Supported Debt Service	County Sales and Use Tax Revenues	Sales Tax Revenues
2009	\$59,869,209	\$67,435,903	(\$7,566,694)
2010	\$61,133,866	\$68,447,442	(\$7,313,575)
2011	\$63,194,674	\$69,474,153	(\$6,279,479)
2012	\$62,547,165	\$70,516,265	(\$7,969,101)
2013	\$63,389,151	\$71,574,009	(\$8,184,859)
2014	\$62,861,509	\$72,647,620	(\$9,786,110)
2015	\$45,405,423	\$73,737,334	(\$28,331,911)
2016	\$45,556,894	\$74,843,394	(\$29,286,500)
2017	\$47,995,998	\$75,966,045	(\$27,970,047)
2018	\$45,126,511	\$77,105,535	(\$31,979,024)

Note:

County sales and use tax collections began in 1991. From 1992-1995, a portion of sales and use tax revenues were dedicated to the payment of net revenue anticipation promissory note interest. Prior to the implementation of the sales and use tax, the County had often established a bond-to-tax-levy ratio to determine direct cash financing totals. With the implementation of the County sales and use tax, surplus revenues, achieved when projected sales tax revenues exceed budgeted debt service, were earmarked to finance capital improvement appropriations, in accordance with Section 22.04, Milwaukee County Ordinances. On June 18, 2003, the County Board of Supervisors approved Resolution File No. 03-263(a)(a), which modified Section 22.04 of the General Ordinances so that surplus sales and use tax revenues can be used to pre-fund employee benefit costs or fund anticipated or extraordinary annual increases in such costs or supplement the Appropriation for Contingencies. The modification is effective through calendar year 2007. The 2009 Recommended Budget continues the use of surplus sales tax revenue for the operating purposes previously discussed and includes a modification to Section 22.04 under separate cover to allow for such use. For further sales tax revenue information please refer to the 2009 Recommended Budget Org. Unit 1996 – County Sales Tax Revenue.

Cash Financing of Capital Improvements

Policy Goal:

Cash financing for capital improvements shall be used for a minimum of 20 percent of County financed project costs. This goal has been implemented over a seven-year period based on a schedule, which requires direct cash financing to increase by 2 percent annually beginning with the 1995 Adopted Capital Improvements Budget with a final increase of 2 percent in 2001 in achieving a goal of 20 percent. Therefore, the minimum cash-financing goal for this budget and future budgets will be 20 percent of net County financed capital improvement costs.

Definition:

Cash financing (pay-as-you-go financing) of capital improvements means the direct non-debt financing of County financed project costs. It is anticipated that cash financing will consist of sales tax revenues, interest earnings realized from the investment of bond proceeds issued for proprietary fund departments and revenue from Passenger Facility Charges (PFCs). Cash financing for 2009 totals \$10,837,690 and consists of \$420,000 in sales tax revenue, \$443,900 in investment earnings, 1,198,240 in private donations, \$1,018,875 in Airport capital improvement reserve revenue and \$7,756,675 in PFC revenue. For the purpose of calculating the percentage of cash financing, all project costs financed by State, Federal or other local government agencies are excluded from project cost totals.

Trend Information:

Budget Year	Net County Capital Cost	Direct Cash Financing	Percent Cash Financing
2009	\$46,772,951	\$10,837,690	23.2%
2010	\$39,212,500	\$7,842,500	20.0%
2011	\$40,389,183	\$8,077,837	20.0%
2012	\$41,602,830	\$8,320,566	20.0%
2013	\$42,853,441	\$8,570,688	20.0%
2014	\$44,134,855	\$8,826,971	20.0%
2015	\$45,459,393	\$9,091,879	20.0%
2016	\$46,827,056	\$9,365,411	20.0%
2017	\$48,231,683	\$9,646,337	20.0%
2018	\$49,673,274	\$9,934,655	20.0%

Note:

Beginning with the 1995 capital budget, the County established cash financing goals to be implemented over a ten-year period. This policy served to increase minimum cash financing by 2.0 percent annually. Since the 2004 Budget the goal has been 20 percent.

Direct Debt as a Percent of Equalized Value

Policy Goal:

Direct debt shall not exceed 1.5 percent of equalized property value. A long-term policy goal is established that direct debt shall not exceed 1.0 percent of equalized property values.

Definition:

Direct debt is the total outstanding principal for general obligation bonds and notes which the County has pledged its full faith, credit and unlimited taxing power. Direct debt does not include debt issued by the County on behalf of the conduit financings issued for non-county agencies. Equalized property value includes the value of Tax Incremental Financing Districts (TIDs).

Trend Information:

Budget Year	Direct Debt	Equalized Value (Includes TID)	Direct Debt as a Percent of Value
2009	\$418,390,564	68,224,068,500	0.61%
2010	\$399,488,224	72,760,969,055	0.55%
2011	\$381,321,437	77,599,573,497	0.49%
2012	\$363,774,132	82,759,945,135	0.44%
2013	\$345,871,008	88,263,481,486	0.39%
2014	\$329,301,862	94,133,003,005	0.35%
2015	\$330,816,375	100,392,847,705	0.33%
2016	\$333,409,247	107,068,972,078	0.31%
2017	\$334,865,047	114,189,058,721	0.29%
2018	\$340,485,047	121,782,631,126	0.28%

Note:

Annual growth in equalized values is 6.65 percent, which reflects the 10-year average for the County.

Direct Debt Per Capita

Policy Goal:

Direct debt per capita shall not exceed \$500.

Definition:

Direct debt is the total outstanding principal for general obligation bonds and notes which the County has pledged its full faith, credit and unlimited taxing power. Direct debt per capita is determined by dividing direct debt totals by the most recent estimate of the number of persons residing in Milwaukee County.

Trend Information:

Budget Year	Direct Debt	County Population	Direct Debt per Capita
2009	\$418,390,564	938,490	\$446
2010	\$399,488,224	938,490	\$426
2011	\$381,321,437	938,490	\$406
2012	\$363,774,132	938,490	\$388
2013	\$345,871,008	938,490	\$369
2014	\$329,301,862	938,490	\$351
2015	\$330,816,375	938,490	\$352
2016	\$333,409,247	938,490	\$355
2017	\$334,865,047	938,490	\$357
2018	\$340,485,047	938,490	\$363

Note:

Direct debt per capita can be used to compare debt levels between issuers or communities but is not a good indicator of real debt burdens over time unless it is adjusted for price level changes. The recommendation to establish this debt policy goal included the caution that this policy must be updated annually to be meaningful and to reflect changes in real price levels

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**SECTION 1
HIGHWAYS AND BRIDGES**

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WH001	Project Title and Location Traffic Hazard Elimination Program	4789-2009
Requesting Department or Agency Highways and Bridges		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,280,245	\$171,182			\$1,109,063
2008	\$90,800	\$81,720		\$405	\$8,675
2009	\$339,250	\$304,425			\$34,825
2010	\$300,000	\$270,000			\$30,000
2011	\$300,000	\$270,000			\$30,000
2012	\$300,000	\$270,000			\$30,000
2013	\$300,000	\$270,000			\$30,000
SUBSEQUENT					\$0
TOTAL	\$2,910,295	\$1,637,327	\$0	\$405	\$1,272,563

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$90,800		\$120,000	\$210,800
Construction & Implementation	\$1,280,245	\$339,250	\$1,080,000	\$2,699,495
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$21,000	\$5,000		\$26,000
DPW Charges	\$69,500	\$20,000	\$336,000	\$425,500
Capitalized Interest	\$300	\$1,000		\$1,300
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction	\$1,280,245	\$313,250	\$864,000	\$2,457,495
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$1,371,045	\$339,250	\$1,200,000	\$2,910,295

Budget Year Financing

Federal, State and Local Aids	\$304,425
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$34,325
Airport Reserve	
Investment	\$500
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$339,250

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$1,112,659
2007 Expenditures	\$37,915
2008 Expenditures	\$5,110
Total Expenditures to Date	\$1,155,684
Encumbrances	
Available Balance	\$215,361

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH001 – Traffic Hazard Elimination Program

An appropriation of \$339,250 is budgeted, including \$1,000 in capitalized interest, for the construction phase of the Traffic Hazard Elimination Program. Financing will provided from \$304,425 in Federal revenue, \$34,325 in general obligation bonds and \$500 in investment earnings.

WH001091 – West Hampton Avenue (North 60th Street to North 124th Street, City of Milwaukee)

West Hampton Avenue (CTH EE) carries approximately 20,000 vehicles daily. Rear-end, angle, sideswipe and other collisions experienced along this corridor are a result of high traffic volumes, congestion, poor signal visibility, lack of progression and queuing. Within a year, the segment of Hampton Avenue between North 60th Street and North 124th Street experienced a total of 399 collisions, which 163 included personal injuries and two involved fatalities. The proposed improvements are expected to reduce congestion and collisions along this segment of roadway.

The current appropriation is for traffic construction, including signal interconnection, communication equipment, signage, pedestrian enhancements, system hardware and traffic signal coordination along this roadway.

Federal funding through the Hazard Elimination Safety (HES) program was approved in 2005. The funds provide 90 percent reimbursement for project costs.

Phase	Budget Year	Total	Federal	State	County	Local
Design	2008	\$90,500	\$82,080	-	\$8,420	-
Construction	2009	\$338,250	\$304,425	-	\$33,825	-
Grand Total		\$428,750*	\$386,505	-	\$42,245	-

*Total excludes capitalized interest and investment earnings.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Overall, staff from the Department of Transportation and Public Works, Transportation Division, will perform project management. Consultants may be used for some components of the basic planning and design phase of the project, as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WH002	Project Title and Location Congestion Mitigation and Air Quality Program	4789-2009
Requesting Department or Agency Highways and Bridges		Functional Group
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$502,700	\$400,000			\$102,700
2010	\$451,170	\$360,936			\$90,234
2011	\$300,000	\$240,000			\$60,000
2012	\$300,000	\$240,000			\$60,000
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$1,553,870	\$1,240,936	\$0	\$0	\$312,934

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$150,000	\$60,000	\$210,000
Construction & Implementation		\$352,700	\$991,170	\$1,343,870
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$48,000	\$45,000	\$93,000
DPW Charges		\$102,000	\$283,234	\$385,234
Capitalized Interest		\$2,700		\$2,700
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction		\$350,000	\$722,936	\$1,072,936
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$502,700	\$1,051,170	\$1,553,870

Budget Year Financing

Federal, State and Local Aids	\$400,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$101,200
Airport Reserve	
Investment	\$1,500
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$502,700

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH002 – Congestion Mitigation Air Quality (CMAQ) Program

An appropriation of \$502,700 is budgeted, including \$2,700 in capitalized interest, for the basic planning, design and initial construction of the Congestion Mitigation Air Quality (CMAQ) Program. Financing is provided from \$400,000 in Federal revenue, \$101,200 in general obligation bonds and \$1,500 in investment earnings.

WH002011 – Inter-Jurisdictional Traffic Communications System (Cities of Milwaukee, West Allis, Wauwatosa, Glendale, Franklin, St. Francis, Cudahy, Oak Creek, Greenfield; Villages of Fox Point, Greendale, Brown Deer, River Hills)

The lack of coordination between traffic signals adversely affects traffic progression along arterial streets. Lack of coordination causes delays and congestion, traffic accidents, leads to lower fuel efficiency and increases emissions and air pollution along county trunk highways.

Milwaukee County has already made significant improvements to its communications network to reduce congestion and emissions along its corridors. These improvements included updating signal timings and installing communication interconnect between most County-operated and several State-operated signalized intersections.

Utilizing the existing State fiber optic network, this project will allow the County to connect its signaling system with its master traffic control computer. This alleviates the need for the County to construct its own communication lines throughout the county trunk highway system. This project will also allow the County to coordinate its intersections closely with State-owned intersections and signals to create coordination between interconnecting streets and highways.

The current appropriation is for basic planning and design of traffic signal interconnection, communication equipment, system hardware and traffic signal coordination along the following County Trunk Highway systems:

County Trunk Highways

- PP – West Good Hope Road
- W – North Port Washington Road
- E – West Silver Spring Drive
- EE – West Hampton Avenue
- NN / T / N – West Oklahoma Avenue / West Beloit Road / South 92nd Street
- Y – West Layton Avenue
- U – South 76th Street
- ZZ – West College Avenue
- BB – West Rawson Avenue
- V – South 13th Street

Phase	Budget Year	Total	Federal	State	County	Local
Design	2009	\$150,000	\$120,000	-	\$30,000	-
Construction	2009	\$350,000	\$280,000	-	\$70,000	-
	2010	\$451,170	\$360,936	-	\$90,234	-
Grand Total		\$951,170*	\$760,936		\$190,234	

*Total excludes capitalized interest and investment earnings.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH002011 – Inter-Jurisdictional Traffic Communications System (Cities of Milwaukee, West Allis, Wauwatosa, Glendale, Franklin, St. Francis, Cudahy, Oak Creek, Greenfield; Villages of Fox Point, Greendale, Brown Deer, River Hills) (Continued)

Staffing Plan

Overall, staff from the Department of Transportation and Public Works, Transportation Division, will perform project management. Consultants may be used for some components of the basic planning, design, and initial construction phase of the project, as needed.

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2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WH010	Project Title and Location County Trunk Highway Program	4789-2009
Requesting Department or Agency Highways and Bridges		Functional Group
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$3,217,259	\$1,714,830	\$290,000	\$76,000	\$1,136,429
2008	\$5,219,340	\$2,583,830	\$2,203,030	\$76,000	\$356,480
2009	\$1,674,300	\$880,000	\$250,000		\$544,300
2010	\$11,880,000	\$7,540,000		\$1,450,000	\$2,890,000
2011	\$6,951,000	\$4,777,200			\$2,173,800
2012	\$21,511,700	\$17,185,360			\$4,326,340
2013	\$22,420,000	\$17,936,000		\$2,242,000	\$2,242,000
SUBSEQUENT					\$0
TOTAL	\$72,873,599	\$52,617,220	\$2,743,030	\$3,844,000	\$13,669,349

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$1,638,650		\$5,876,000	\$7,514,650
Construction & Implementation	\$4,110,890	\$671,000	\$54,686,700	\$59,468,590
Right-of-Way Acquisition	\$953,000	\$1,003,300	\$2,200,000	\$4,156,300
Equipment				\$0
Other	\$1,734,059			\$1,734,059
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$143,000		\$702,000	\$845,000
DPW Charges	\$2,178,990	\$189,000	\$13,645,505	\$16,013,495
Capitalized Interest	\$88,800	\$14,300		\$103,100
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements	\$870,000	\$910,000	\$1,980,000	\$3,760,000
Roadway Plng & Construction	\$3,421,750	\$561,000	\$46,435,195	\$50,417,945
Equipment & Furnishings				\$0
Other Expenses	\$1,734,059			\$1,734,059
Total Project Cost	\$8,436,599	\$1,674,300	\$62,762,700	\$72,873,599

Budget Year Financing

Federal, State and Local Aids	\$1,130,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$536,400
Airport Reserve	
Investment	\$7,900
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$1,674,300

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$521,434
2007 Expenditures	\$379,150
2008 Expenditures	\$724,120
Total Expenditures to Date	\$1,624,704
Encumbrances	\$1,217,682
Available Balance	\$5,594,212

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH010 – County Highway Action Program (CHAP)

An appropriation of \$1,674,300 is budgeted, including \$14,300 in capitalized interest, for the basic planning and design, right-of-way and construction phases of this program. Financing will be provided from \$320,000 in Federal revenue, \$250,000 in State revenue, \$560,000 in Local revenue, \$536,400 in general obligation bonds and \$7,900 in investment earnings.

WH010073 – South 13th Street (West Rawson Avenue to West College Avenue) (City of Oak Creek)

An appropriation of \$601,100 is budgeted, including \$1,100 for capitalized interest, for the completion of the right-of-way phase for this project. Financing will be provided from \$560,000 in local revenue, \$40,500 in general obligation bonds and \$600 in investment earnings.

This segment of South 13th Street (measuring approximately 1 mile in length) has failed and needs reconstruction with additional lanes. This appropriation will be used in acquiring the needed right-of-way for the project. This project has been delayed due to changing requirements by the Department of Natural Resources (DNR) 216 and Milwaukee Metropolitan Sewerage District (MMSD) Chapter 13. The County is partnering with the Wisconsin Department of Transportation (WisDOT) to acquire land for detention ponds that comply with the aforementioned rules and regulations. Additionally, the County is anticipating that the City of Milwaukee will participate in the project, and provide \$560,000 in funding towards the 1000 ft. of roadway it owns in the reconstruction area.

Phase	Budget Year	Total	Federal	State	County	Local
Design	2003	\$440,000	\$352,000	-	\$88,000	-
	2004	\$155,000	\$124,000	-	\$31,000	-
	2006	\$464,100	\$371,280	-	\$92,820	-
Right-of-Way	2005	\$135,900	\$108,720	-	\$27,180	-
	2009	\$600,000	-	-	\$40,000	\$560,000
Construction	2010	\$4,305,000	\$2,044,000	-	\$811,000	\$1,450,000
Grand Total		\$6,100,000*	\$3,000,000	-	\$1,090,000	\$2,010,000

*Total excludes capitalized interest and investment earnings.

WH010173 – South 76th Street (West Puetz Street to West Imperial Drive) (City of Franklin)

An appropriation of \$402,200 is budgeted, including \$2,200 in capitalized interest, for the completion of the right-of-way phase of this project. Financing will be provided from \$320,000 in Federal revenue, \$81,000 in general obligation bonds and \$1,200 in investment earnings.

South 76th Street (CTH “U”) is a two-lane roadway, which carries high volumes of traffic that will increase due to additional developments along the project corridor (City of Franklin). The current average daily traffic (ADT) is 13,200 vehicles per day. The existing roadway has severely deteriorated, the intersections at West Imperial Drive and West Drexel Road have fallen behind current standards and the box culvert crossing the roadway north of West Drexel Road has deteriorated and needs to be replaced.

The department anticipates conducting a storm water management analysis required by the Wisconsin Department of Natural Resources (NR216) and Milwaukee Metropolitan Sewerage District (Chapter 13) in early 2009. Pursuant to the outcome of the analysis, the costs of the project may increase due to necessary environmental investigations or potential remediation.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH010 – County Highway Action Program (CHAP) (Continued)

Phase	Budget Year	Total	Federal	State	County	Local
Design	2006	\$760,000	\$608,000	-	\$76,000	\$76,000
	2007	\$515,000	\$352,000	-	\$163,000	-
Right-of-Way	2007	\$350,000	\$280,000	-	\$70,000	-
	2009	\$400,000	\$320,000	-	\$80,000	-
Construction:	2010	\$5,170,000	\$3,600,000	-	\$1,570,000	-
	2011	\$3,000,000	\$2,400,000	-	\$600,000	-
Grand Total		\$10,195,000*	\$7,560,000	-	\$2,559,000	\$76,000

* Total excludes capitalized interest and investment earnings.

WH010182 – West Hampton Avenue (Hwy 100 to North 124th Street) (City of Milwaukee)

An appropriation of \$671,000 is budgeted, including \$11,000 in capitalized interest, for the roadway construction and signal improvements on Hampton Avenue between Highway 100 and North 124th Street. Financing will be provided from \$250,000 in State revenue, \$6,100 in investment earnings and \$414,900 in general obligation bonds.

West Hampton Avenue (CTH “EE”) is a six-lane divided roadway, which carries high volumes of traffic that continues to increase between Hwy 100 and North 124th Street due to ongoing developments near the Waukesha County border. The existing roadway has severely deteriorated and various signals need upgrading to current standards. Funding for the design phase of this project was appropriated in project WH01009 in the 2007 Adopted Capital Improvements Budget. The construction phase must be completed by the end of June 2009 to allow ample time to meet the expiration deadline for funding reimbursement.

Phase	Budget Year	Total	Federal	State	County	Local
Design	2007	\$90,000*	-	\$45,000	\$45,000	-
Construction	2009	\$660,000	-	\$250,000	\$410,000	-
Grand Total		\$750,000**	-	\$295,000***	\$455,000	-

* The design appropriation for this project is located in WH01009.

** Total excludes capitalized interest and investment earnings.

*** County Highway Improvement – Discretionary (CHIP-D) funding is used as seed money to partially finance the County’s Major Rehabilitation Program. The CHIP-D maximum funding levels are determined by the State with a maximum 50 percent match in state funding for actual project costs. Projects selected for CHIP-D funding by the County are typically more costly than the maximum funding determined by the State and therefore, CHIP-D funding is usually less than 50 percent of the actual project costs.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Overall, staff from the Department of Transportation and Public Works, Transportation Division, will perform project management. Consultants may be used for some components of the basic planning and design and construction phases of the project, as needed.

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2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WH030	Project Title and Location Bridge Replacement Program	4789-2009
Requesting Department or Agency DPW Transportation Services		Functional Group
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$6,166,933	\$3,403,684			\$2,763,249
2008	\$2,378,240	\$4,703,327			(\$2,325,087)
2009	\$301,600	\$240,000			\$61,600
2010	\$2,275,000	\$1,820,000			\$455,000
2011	\$1,725,000	\$1,380,000			\$345,000
2012	\$1,100,000	\$880,000			\$220,000
2013	\$1,750,000	\$1,400,000			\$350,000
SUBSEQUENT					\$0
TOTAL	\$15,696,773	\$13,827,011	\$0	\$0	\$1,869,762

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$266,240	\$0	\$850,000	\$1,116,240
Construction & Implementation	\$4,214,000	\$301,600	\$6,000,000	\$10,515,600
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$4,064,933			\$4,064,933
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$430,000	\$30,000	\$995,000	\$1,455,000
DPW Charges	\$309,040	\$20,000	\$460,000	\$789,040
Capitalized Interest	\$28,200	\$1,600		\$29,800
Park Services	\$25,000		\$25,000	\$50,000
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction	\$3,688,000	\$250,000	\$5,370,000	\$9,308,000
Equipment & Furnishings				\$0
Other Expenses	\$4,064,933			\$4,064,933
Total Project Cost	\$8,545,173	\$301,600	\$6,850,000	\$15,696,773

Budget Year Financing

Federal, State and Local Aids	\$240,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$60,700
Airport Reserve	
Investment	\$900
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$301,600

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$1,941,938
2007 Expenditures	\$820,808
2008 Expenditures	\$851,542
Total Expenditures to Date	\$3,614,287
Encumbrances	\$2,465,066
Available Balance	\$2,465,820

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH030 – Bridge Replacement Program

An appropriation of \$301,600 is budgeted, including capitalized interest of \$1,600, for the Milwaukee County Bridge Replacement Program (Local Bridge Program). Financing will be provided from \$240,000 in Federal revenue, \$60,700 in general obligation bonds and \$900 in investment earnings.

The County has efficiently and responsibly replaced bridges with known deficiencies and safety concerns under this program by rehabilitating or reconstructing bridges with deteriorating decks and damaged supporting structural elements. All of the projects under this program must have sufficiency ratings of 50 or less to be considered for replacement or sufficiency ratings of 80 or less to be considered for rehabilitation, and a national bridge inventory rating of 4 or less to qualify. Eighty percent of reconstruction and rehabilitation costs are eligible for federal and state reimbursement.

The projects in this program have been approved for Federal funding by the Wisconsin Department of Transportation (WisDOT) and are included in County Board Resolution File No. 97-312, File No. 99-305, File No. 01-556, File No. 03-186, and/or File No. 07-287 as priority bridge projects.

WH030162 – West Oklahoma Avenue Bridge over the Honey Creek (City of West Allis)

This structure, carrying West Oklahoma Avenue (CTH “NN”) over the Honey Creek, is a single-span, concrete deck, steel girder bridge that was constructed in 1955 (State Structure No. B-40-0027; County Structure No. 29). The bridge is located approximately 0.1 mile east of South 76th Street (CTH “U”) in the City of West Allis.

The existing bridge is in very poor condition and has a sufficiency rating of 40.9. The steel girders are deteriorating and the concrete deck and parapets are cracked and spalled. The condition of the bridge is beyond normal repair or maintenance and requires replacement. Under the Local Bridge Program, the project costs are 80 percent reimbursable from State and Federal funding.

The project for replacement of this bridge was delayed until 2008 to avoid construction conflicts with the rehabilitation of the South 76th Street roadway in 2007. This appropriation is necessary due to the rise in construction-related costs since 2004 when the project was originally designed and estimated.

Phase	Budget Year	Total	Federal	State	County	Local
Design	2004	\$187,000	\$149,600	-	\$37,400	-
Construction	2008	\$1,299,700	\$1,040,000	-	\$259,700	-
	2009	\$300,000	\$240,000	-	\$60,000	-
Grand Total		\$1,786,700*	\$1,429,600	-	\$357,100	-

*Total excludes capitalized interest and investment earnings.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Overall, staff from the Department of Transportation and Public Works, Transportation Division, will perform project management. Consultants may be used for some components of the basic planning, design, and construction phases of the project, as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WH080	Project Title and Location Bridge Rehabilitation Program	4789-2009
Requesting Department or Agency DPW Transportation Services		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,804,498	\$1,329,623			\$474,875
2008	\$1,090,500	\$886,652			\$203,848
2009	\$1,005,400	\$800,000			\$205,400
2010	\$2,050,000	\$1,640,000			\$410,000
2011	\$2,650,000	\$2,120,000			\$530,000
2012	\$4,825,000	\$3,860,000			\$965,000
2013	\$5,850,000	\$4,680,000			\$1,170,000
SUBSEQUENT					\$0
TOTAL	\$19,275,398	\$15,316,275	\$0	\$0	\$3,959,123

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$335,250	\$0	\$2,250,000	\$2,585,250
Construction & Implementation	\$2,415,250	\$1,005,400	\$13,125,000	\$16,545,650
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$144,498			\$144,498
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$305,000	\$100,000	\$2,690,000	\$3,095,000
DPW Charges	\$169,000	\$30,000	\$1,195,000	\$1,394,000
Capitalized Interest	\$16,500	\$5,400		\$21,900
Park Services	\$15,000		\$25,000	\$40,000
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction	\$2,245,000	\$870,000	\$11,465,000	\$14,580,000
Equipment & Furnishings				\$0
Other Expenses	\$144,498			\$144,498
Total Project Cost	\$2,894,998	\$1,005,400	\$15,375,000	\$19,275,398

Budget Year Financing

Federal, State and Local Aids	\$800,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$202,400
Airport Reserve	
Investment	\$3,000
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$1,005,400

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$143,508
2007 Expenditures	\$1,472,009
2008 Expenditures	\$737,841
Total Expenditures to Date	\$2,353,358
Encumbrances	\$58,037
Available Balance	\$483,603

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH080 – Bridge Rehabilitation Program

An appropriation of \$1,005,400 is budgeted, including \$5,400 in capitalized interest, for the construction phase for the Lake Park Bridge. Financing will be provided from \$800,000 in Federal revenue, \$202,400 in general obligation bonds and \$3,000 in investment earnings.

WH080032 – Lake Park Bridge over Drainage Ravine (City of Milwaukee)

Located off Lincoln Memorial Drive at the north entrance of Lake Park, this historic structure carries South Lake Park Drive over the Lake Park Drainage Ravine (State Structure No. P-40-0573; County Structure No. 74). It is a masonry spandrel arch bridge that was constructed in 1896.

The existing bridge is in poor condition and the brick masoned arch is deteriorating and failing. The bridge has a sufficiency rating of 59.5. Due to the condition of the arch, this bridge is beyond normal repair or maintenance and requires rehabilitation. This project is approved for 80 percent federal funding under the Local Bridge Program.

Phase	Budget Year	Total	Federal	State	County	Local
Design	2007	\$150,000	\$120,000	-	\$30,000	-
Construction	2009	\$1,000,000	\$800,000	-	\$200,000	-
Grand Total		\$1,150,000*	\$920,000	-	\$230,000	

*Total excludes capitalized interest and investment earnings.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Overall, staff from the Department of Transportation and Public Works, Transportation Division, will perform project management. Consultants may be used for some components of the basic planning and design, and construction phases of the project, as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WH082	Project Title and Location National Highway System (NHS)	4789-2009
Requesting Department or Agency Transportation Services Division		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$2,761,928	\$1,748,537			\$1,013,391
2008					\$0
2009	\$201,100	\$160,000		\$20,000	\$21,100
2010	\$7,450,500	\$5,960,400		\$745,050	\$745,050
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$10,413,528	\$7,868,937	\$0	\$765,050	\$1,779,541

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$76,000			\$76,000
Construction & Implementation	\$2,007,000	\$0	\$7,450,500	\$9,457,500
Right-of-Way Acquisition	\$75,000	\$201,100		\$276,100
Equipment				\$0
Other	\$603,928			\$603,928
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$5,000		\$18,150	\$23,150
DPW Charges	\$406,980	\$20,000	\$1,117,575	\$1,544,555
Capitalized Interest	\$18,800	\$1,100		\$19,900
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements	\$50,000	\$180,000		\$230,000
Roadway Plng & Construction	\$1,677,220		\$6,314,775	\$7,991,995
Equipment & Furnishings				\$0
Other Expenses	\$603,928			\$603,928
Total Project Cost	\$2,761,928	\$201,100	\$7,450,500	\$10,413,528

Budget Year Financing

Federal, State and Local Aids	\$180,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$20,500
Airport Reserve	
Investment	\$600
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$201,100

Cost Estimates Prepared By

DPW Review By

Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$436,333
2007 Expenditures	\$2,013,621
2008 Expenditures	\$400,706
Total Expenditures to Date	\$2,850,659
Encumbrances	\$7,731
Available Balance	(\$96,462)

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH082 – National Highway System (NHS)

An appropriation of \$201,100 is budgeted, including \$1,100 in capitalized interest, for the right-of-way phase of the East College Avenue (CTH “ZZ”) project within the National Highway System (NHS) Program. Financing will be provided from \$160,000 in Federal revenue, \$20,000 in Local revenue, \$20,500 in general obligation bonds and \$600 in investment earnings.

WH082013 – East College Avenue (South Howell Avenue to South Pennsylvania Avenue) (Cities of Milwaukee, South Milwaukee, Cudahy, and Oak Creek)

This project has been ongoing since 1999, when an initial proposal was set forth for a grade separation at the railroad tracks. The project was delayed until 2004 when the County received a ruling in its favor that an at-grade crossing could be built.

There have been additional delays due to the construction related to WA094 - Runway Safety Area project at General Mitchell International Airport (GMIA). In order to accommodate the Runway Safety Area project, College Avenue must be lowered below the extended runway through an underground tunnel. This has increased the project costs considerably since a four-lane divided highway must be built to accommodate the tunnel.

This appropriation will provide additional funding necessary for the real estate acquisition phase, which will be completed in 2009; construction will begin in 2010.

Phase	Budget Year	Total	Federal	State	County	Local
Grade Separation	1999	\$100,000	\$80,000	-	\$10,000	\$10,000
Design	1999	\$900,000	\$720,000	-	\$90,000	\$90,000
	2007	\$76,000	-	-	\$76,000	-
Right-of-Way	2007	\$75,000	-	-	\$75,000	-
	2009	\$200,000	\$160,000	-	\$20,000	\$20,000
Construction	2010	\$7,450,500	\$5,960,400	-	\$745,050	\$745,050
Grand Total		\$8,801,500*	\$6,920,400	-	\$1,016,050	\$865,050

*Total excludes capitalized interest and investment earnings.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Overall, staff from the Department of Transportation and Public Works, Transportation Division, will perform project management. Consultants may be used for some components of the basic planning and design, and construction phases of the project, as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WH083	Project Title and Location W. Silver Spring Drive	4789-2009
Requesting Department or Agency Transportation Services		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,112,000	\$994,455			\$117,545
2008					\$0
2009	\$5,912,400	\$3,680,000	\$600,000		\$1,632,400
2010	\$3,650,000	\$2,480,000			\$1,170,000
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$10,674,400	\$7,154,455	\$600,000	\$0	\$2,919,945

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$80,000			\$80,000
Construction & Implementation	\$263,700	\$5,912,400	\$3,650,000	\$9,826,100
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$9,100	\$290,000	\$27,500	\$326,600
DPW Charges	\$99,000	\$425,000	\$547,500	\$1,071,500
Capitalized Interest	\$3,600	\$42,400		\$46,000
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction	\$232,000	\$5,155,000	\$3,075,000	\$8,462,000
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$343,700	\$5,912,400	\$3,650,000	\$9,906,100

Budget Year Financing

Federal, State and Local Aids	\$4,280,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$1,609,000
Airport Reserve	
Investment Earnings	\$23,400
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$5,912,400

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$363,985
2008 Expenditures	\$225,279
Total Expenditures to Date	\$589,264
Encumbrances	\$78,263
Available Balance	\$444,473

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH083 – West Silver Spring Drive

An appropriation of \$5,912,400 is budgeted, including \$42,400 in capitalized interest, for Phase I of the West Silver Spring Drive roadway, traffic safety improvements and bridge rehabilitation construction project. Financing will be provided from \$4,280,000 in Federal and State revenue, \$1,609,000 in general obligation bonds and \$23,400 in investment earnings.

WH083012 – West Silver Spring Drive (North 124th Street to North 69th Street) (City of Milwaukee)

An appropriation of \$3,716,600 is budgeted, including \$16,600 in capitalized interest, for the construction of Phase 1 of this project, which includes the section of Silver Spring Drive between 91st Street and 124th Street. Financing will be provided from \$2,480,000 in Federal revenue, \$600,000 in State revenue, \$627,500 in general obligation bonds and \$9,100 in investment earnings. Federal funding will be provided through the Surface Transportation Program–Metropolitan (STP–M) program, which determines funding by the amount of highway lane miles in a municipality.

West Silver Spring Drive (CTH “E”) carries approximately 40,000 vehicles daily. The segment of West Silver Spring Drive between North 124th Street and North 69th Street is showing signs of pavement distress, which if not addressed in a timely manner, will require major reconstruction over the long term. This appropriation will fund the roadway construction of Silver Spring Drive from North 124th Street to North 91st Street (Phase I).

Phase	Budget Year	Total	Federal	State	County	Local
Design	2006	\$802,000	\$641,600	-	\$160,400	-
	2007	\$80,000	-	-	\$80,000	-
Construction	2009	\$3,700,000	\$2,480,000	\$600,000	\$620,000	-
	2010	\$3,400,000	\$2,480,000	-	\$920,000	-
Grand Total		\$7,982,000*	\$5,601,600	\$600,000	\$1,780,400	-

*Total excludes capitalized interest and investment earnings.

WH083032 – West Silver Spring Drive Bridge over the Little Menomonee River (City of Milwaukee)

An appropriation of \$1,508,000 is budgeted, including \$8,000 in capitalized interest, for bridge reconstruction, which is a component of the Silver Spring Drive roadway construction between 91st Street and 124th Street. Financing for the project will be provided from \$1,200,000 in Federal revenue, \$303,600 in general obligation bonds and \$4,400 in investment earnings.

The project includes design costs for the rehabilitation (deck overlay and sidewalk replacement) of the eastbound and westbound bridges (Structure Nos. B-40-0162 and B-40-0247) that carry West Silver Spring Drive over the Little Menomonee River approximately 0.5 mile east of STH 100. The existing bridges were constructed in 1964 and are three-span, cast-in-place concrete, haunch slab structures. The concrete slab, sidewalks and parapets are severely deteriorated, cracked and spalled; reinforcing steel is exposed and corroded; and the earth banks along the abutments are badly eroding.

The condition of the superstructure is beyond rehabilitation through normal maintenance. The reconstruction will require deck overlay, sidewalk and railing replacement and substructure repairs. The sufficiency number for these structures varies from 57.5 to 62.5, which qualifies these bridges for 80 percent Federal and State funding under the Local Bridge Program. If this project is not undertaken in a timely manner, the condition of the deteriorated deck will worsen and eventually lead to a considerable increase in the cost of rehabilitation. Further delay could lead to load limit posting or closure of the road and increase the County’s liability.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH083 – West Silver Spring Drive (Continued)

Phase	Budget Year	Total	Federal	State	County	Local
Design	2006	\$250,000	\$200,000	-	\$50,000	-
Construction	2009	\$1,500,000	\$1,200,000	-	\$300,000	-
Grand Total		\$1,750,000*	\$1,400,000	-	\$350,000	-

*Total excludes capitalized interest and investment earnings.

WH08304 – West Silver Spring Drive Traffic (North 124th Street to North 69th Street) (City of Milwaukee)

An appropriation of \$687,800 is budgeted, including \$17,800 in capitalized interest, for the construction of the traffic signal improvements for West Silver Spring Drive between 91st Street and 124th Street (Phase I). Financing will be provided from \$677,900 in general obligation bonds and \$9,900 in investment earnings.

The signals along this corridor that are scheduled to be upgraded are at the intersections of North 91st Street, North 103rd Street, North 107th Street, North 118th Street (Rae Avenue) and North 124th Street. The existing signals were installed in the 1970s with improvements made in 2004. Concrete bases are broken, poles are corroded, cables are damaged and portions of the underground conduit have collapsed. Three of the above intersections are deteriorated beyond repair. Undertaking this project simultaneously with the road construction is the most cost effective means for upgrading these signals.

Phase	Budget Year	Total	Federal	State	County	Local
Construction	2009	\$670,000	-	-	\$670,000	-
	2010	\$250,000	-	-	\$250,000	-
Grand Total		\$920,000*	-	-	\$920,000	-

*Total excludes capitalized interest and investment earnings.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Overall, staff from the Department of Transportation and Public Works, Transportation Division, will perform project management. Consultants may be used for some components of the basic planning and design, and construction phases of the project, as needed.

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2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WH086	Project Title and Location W. Good Hope Rd.	4789-2009
Requesting Department or Agency Transportation Services		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$360,980	\$280,500			\$80,480
2008	\$5,195,160	\$279,349	\$2,511,775		\$2,404,036
2009	\$8,305,400	\$1,673,000	\$2,530,690		\$4,101,710
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$13,861,540	\$2,232,849	\$5,042,465	\$0	\$6,586,226

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$408,000	\$20,000		\$428,000
Construction & Implementation	\$5,097,760	\$8,135,400		\$13,233,160
Right-of-Way Acquisition	\$50,000	\$150,000		\$200,000
Equipment				\$0
Other	\$380			\$380
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$164,000	\$300,000		\$464,000
DPW Charges	\$1,039,210	\$878,980		\$1,918,190
Capitalized Interest	\$81,300	\$107,200		\$188,500
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements		\$120,000		\$120,000
Roadway Plng & Construction	\$4,271,250	\$6,899,220		\$11,170,470
Equipment & Furnishings				\$0
Other Expenses	\$380			\$380
Total Project Cost	\$5,556,140	\$8,305,400	\$0	\$13,861,540

Budget Year Financing

Federal, State and Local Aids	\$4,203,690
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$4,042,710
Airport Reserve	
Investment	\$59,000
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$8,305,400

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$26,853
2008 Expenditures	\$2,309,360
Total Expenditures to Date	\$2,336,214
Encumbrances	\$2,543,478
Available Balance	\$676,449

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH086 – West Good Hope Road

An appropriation of \$8,305,400 is budgeted, including \$107,200 in capitalized interest, for the basic planning and design, construction and right-of-way for Phase III of the Good Hope Road reconstruction. Financing will be provided from \$1,673,000 in Federal revenue, \$2,530,690 in State revenue, \$4,042,710 in general obligation bonds and \$59,000 in investment earnings.

WH08601 2/3 – West Good Hope Road (North 107th Street to North Port Washington Road) (City of Milwaukee and Village of River Hills)

Roadway Improvements

An appropriation of \$6,224,200 is budgeted, including \$96,000 in capitalized interest, for roadway improvements in Phase III of this project. Financing will be provided from \$2,530,690 in State revenue, \$3,640,710 in general obligation bonds and \$52,800 in investment earnings.

The section of West Good Hope Road that will be rehabilitated with the 2009 appropriation runs through the City of Milwaukee and the Village of River Hills and is located between 72nd Street and 107th Street, and between River Road and Port Washington Road. This phase will involve major reconditioning of the roadway, intersection and signal improvements to extend the useful life of the existing facilities and to bring intersections to current standards.

Phase	Budget Year	Total	Federal	State	County	Local
Design	1999	\$600,000	\$480,000	-	\$120,000	-
	2005	\$247,000	-	\$123,500	\$123,500	-
	2008	\$50,000	-	-	\$50,000	-
	2009	\$20,000	-	-	\$20,000	-
Right-of-Way	2008	\$50,000	-	-	\$50,000	-
	2009	\$150,000	-	-	\$150,000	-
Construction	2002	\$1,151,100	-	\$575,550	\$460,440	\$115,110
	2008	\$5,025,000	-	\$2,511,775	\$2,513,225	-
	2009	\$5,958,200	-	\$2,530,690	\$3,427,510	-
Grand Total		\$13,251,300*	\$480,000	\$5,741,515**	\$6,914,675	\$115,110

*Total excludes capitalized interest and investment earnings.

** County Highway Improvement – Discretionary (CHIP-D) funding is used as seed money to partially finance the County's Major Rehabilitation Program. The CHIP-D maximum funding levels are determined by the State with a maximum 50 percent match in state funding for actual project costs. Projects selected for CHIP-D funding by the County are typically more costly than the maximum funding determined by the State and therefore, CHIP-D funding is usually less than 50 percent of the actual project costs.

WH086022 – West Good Hope Road Bridge Construction (Little Menomonee River to North 99th Street) (City of Milwaukee)

Bridge Improvements

An appropriation of \$1,910,200 is budgeted, including \$10,200 in capitalized interest, for the rehabilitation of the eastbound and westbound bridges (State Structure Nos. B-40-0497 and B-40-498) that carry West Good Hope Road over the Little Menomonee River approximately 1.1 miles west of STH 181. Financing will be provided from \$1,520,000 in Federal revenue, \$384,600 in general obligation bonds and \$5,600 in investment earnings.

The existing bridges were constructed in 1974 and are one-span, cast-in-place, concrete deck, girder structures. The concrete deck, sidewalks and parapets are severely deteriorated, cracked and spalled, the reinforcing steel is exposed and corroded, and the earth banks along the abutments are badly eroding.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WH086 – West Good Hope Road (Continued)

The condition of the superstructure is beyond rehabilitation through normal maintenance or repair, and requires deck replacement and substructure repairs. The sufficiency number for these structures varies from 71.8 to 73.9, which qualifies them for 80 percent Federal and State funding under the Local Bridge Program. If this project is not undertaken in a timely manner, the condition of the deteriorated deck will worsen and eventually lead to a considerable increase in the cost of rehabilitation. This may lead to load limit posting or closure of the road, and increases the County's liability.

	Budget Year	Total	Federal	State	County	Local
Design	2007	\$358,000	\$280,500	-	\$77,500	-
Construction	2009	\$1,900,000	\$1,520,000	-	\$380,000	-
Grand Total		\$2,258,000*	\$1,800,500	-	\$457,500	-

*Total excludes capitalized interest and investment earnings.

WH086032 – West Good Hope Road and North 91st Street Intersection Improvement (Traffic) (City of Milwaukee)

Traffic Improvements

An appropriation of \$171,000 is budgeted, including \$1,000 in capitalized interest, for the reconstruction of the West Good Hope Road and North 91st Street intersection. Financing will be provided from \$153,000 in Federal revenue, \$17,400 in general obligation bonds and \$600 in investment earnings.

This area has a mixture of commercial and residential use and development continues to occur throughout the area. Traffic volumes have increased, particularly for the eastbound and westbound directions through the intersection at Good Hope Road and North 91st Street. Eighty-three crashes within a three-year period have occurred at this intersection with the majority involving left turning vehicles. The scope of this project is to increase the length of the left-turn storage lanes for eastbound and westbound traffic by 100 feet to create a safer intersection.

	Budget Year	Total	Federal	State	County	Local
Design	2007	\$45,000	\$40,500	-	\$4,500	-
Construction	2009	\$170,000	\$153,000	-	\$17,000	-
Grand Total		\$215,000*	\$193,500	-	\$21,500	-

*Total excludes capitalized interest and investment earnings.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand on approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Overall, staff from the Department of Transportation and Public Works, Transportation Division, will perform project management. Consultants may be used for some components of the basic planning and design, and construction phases of the project, as needed.

SECTION 2
MASS TRANSIT

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WT014	Project Title and Location Bus Radio System Upgrades at MCTS Dispatch Office	4789-2009
Requesting Department or Agency Milwaukee County Transit System		Functional Group
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$1,619,600	\$1,280,000			\$339,600
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$1,619,600	\$1,280,000	\$0	\$0	\$339,600

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment		\$1,619,600		\$1,619,600
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$25,000		\$25,000
DPW Charges				\$0
Capitalized Interest		\$8,600		\$8,600
Park Services				\$0
Disadv. Business Serv.		\$11,000		\$11,000
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings		\$1,575,000		\$1,575,000
Other Expenses				\$0
Total Project Cost	\$0	\$1,619,600	\$0	\$1,619,600

Budget Year Financing

Federal, State and Local Aids	\$1,280,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$334,900
Airport Reserve	
Investment Earnings	\$4,700
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$1,619,600

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WT014 – Bus Radio System Upgrades at MCTS Dispatch Office

An appropriation of \$1,619,600 is budgeted, including \$8,600 in capitalized interest, for the purchase and installation of bus radio system upgrades in the Milwaukee County Transit System (MCTS) dispatch office. Financing will be provided from \$1,2800,000 in Federal revenue, \$334,900 in general obligation bonds, and \$4,700 in investment earnings.

The following hardware and software would be purchased and installed for this project: two HP Linux servers, six workstations and reporting software that provides the capability to e-mail or post reports via the web and enables the hardware to function.

Along with the ongoing radio re-banding project, a new Computer Aided Dispatch and Automated Vehicle Location (CAD/AVL) system will give MCTS dispatchers the following tools and features:

- Additional methods of selecting and calling an MCTS vehicle – by operator name, vehicle type, route, or street block.
- Ability to view a list of vehicles within a cluster at specific locations (e.g. at an MCTS operating garage or at the downtown transit center).
- Ability to geographically call a group of vehicles by drawing a box around the vehicles on an AVL screen.
- Allow dispatchers to highlight specific timepoints in order to display scheduled vehicle arrivals, estimated vehicle arrivals and route and schedule adherence status by vehicle or route.
- Ability to display up to 100 bus routes on the AVL map.

In addition to the equipment and software described above, five Motorola CentraCom II radio consoles used in MCTS dispatch for voice communications will be replaced. These units are no longer manufactured and parts are no longer available as of 2005. These computer terminals and software are no longer supported and do not offer interoperability with Milwaukee County Sheriff dispatch. The risk of failure of these units could result in the lost of all voice communications to the buses.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval off the County Board of Supervisors and the County Executive.

Staffing Plan

The DTPW project manager for the bus radio upgrade project will be Steve Nigh, Transportation Division. MTS staff will handle procurement activities and provide additional project management.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WT031	Project Title and Location Replacement of Air Conditioning Unit at the MCTS Administration Building	4789-2009
Requesting Department or Agency MTS		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$456,900	\$360,000			\$96,900
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$456,900	\$360,000	\$0	\$0	\$96,900

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$81,500		\$81,500
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment		\$375,400		\$375,400
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$45,000		\$45,000
DPW Charges		\$32,000		\$32,000
Capitalized Interest		\$2,400		\$2,400
Park Services				\$0
Disadv. Business Serv.		\$4,500		\$4,500
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings		\$373,000		\$373,000
Other Expenses				\$0
Total Project Cost	\$0	\$456,900	\$0	\$456,900

Budget Year Financing

Federal, State and Local Aids	\$360,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$95,500
Airport Reserve	
Investment	\$1,400
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$456,900

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WT031 – Replacement of Air Conditioning Unit at the MCTS Administration Building

An appropriation of \$456,900 is budgeted, including \$2,400 in capitalized interest, for design and equipment to replace the air handling/conditioning system at the Milwaukee County Transit System (MCTS) Administration Building. Financing will be provided from \$360,000 in Federal revenue, \$95,500 in general obligation bonds, and \$1,400 in investment earnings.

The 2001 countywide facility assessment report provides the corrective measures for the physical plants that comprise the MCTS complexes.

The MCTS Administration Building is air conditioned primarily by five dual compressor units located in the basement of the facility. Repairs on the compressor units and lateral piping are frequent. There are also five air handling and condensing units mounted on the facility's rooftop. These condensers have deteriorated due to over 20 years of outdoor exposure.

Repairs made to the units by MCTS staff and private contractors through the department's operating budget total approximately \$10,000 annually. This project provides for the entire replacement of air handling/conditioning system, including compressors, rooftop air handling and condensing units, piping and ductwork connections.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

The DTPW project manager for the replacement air handling/conditioning system will be Walter Wilson, Architecture and Engineering Division. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WT039	Project Title and Location Diesel Pump/Piping at KK	4789-2009
Requesting Department or Agency Milwaukee County Transit System		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$578,100	\$456,000			\$122,100
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$578,100	\$456,000	\$0	\$0	\$122,100

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation		\$101,100		\$101,100
Right-of-Way Acquisition				\$0
Equipment		\$477,000		\$477,000
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$60,000		\$60,000
DPW Charges		\$38,000		\$38,000
Capitalized Interest		\$3,100		\$3,100
Park Services				\$0
Disadv. Business Serv.		\$5,000		\$5,000
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings		\$472,000		\$472,000
Other Expenses				\$0
Total Project Cost	\$0	\$578,100	\$0	\$578,100

Budget Year Financing

Federal, State and Local Aids	\$456,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$120,400
Airport Reserve	
Investment Earnings	\$1,700
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$578,100

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WT039 – Diesel Pump and Piping Replacement at the Kinnickinnic Operating Garage

An appropriation of \$578,100, including \$3,100 in capitalized interest, is budgeted for construction and equipment replacement of the diesel pump, underground piping and oil/water separator at the Milwaukee County Transit System (MCTS) Kinnickinnic Operating Garage. Financing will be provided from \$456,000 in Federal revenue, \$120,400 in general obligation bonds and \$1,700 in investment earnings.

The current diesel pump, underground storage tank, piping system, leak detection system and oil/water separator at the Kinnickinnic washhouse is 26 years old and has reached the end of its useful life. The containment tub around the current fuel pump is compromised and leaks water. Should fuel contaminate the ground, the County would be subject to fines from the EPA.

This project includes the replacement of the diesel pump, underground storage tank, piping, leak detection system and oil/water separator at the Kinnickinnic washhouse.

Previous capital improvement appropriations in 2007 and 2008 provided for replacement of the diesel pump and piping at both the Fiebrantz and Fond du Lac Operating Garages, respectively. During replacement of those units, engineering deficiencies were discovered such as leak detection probes that were not functional. This project will be the third and final MCTS Operating garage that requires replacement of the diesel pump and piping apparatus.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

The DTPW project manager for the diesel pump replacement project will be Walter Wilson, Architecture and Engineering Division. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WT305	Project Title and Location Roof Replacement at the MCTS Administration Building	4789-2009
Requesting Department or Agency Transportation Services		Functional Group
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$253,400	\$200,000			\$53,400
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$253,400	\$200,000	\$0	\$0	\$53,400

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$42,000	\$0	\$42,000
Construction & Implementation		\$211,400	\$0	\$211,400
Right-of-Way Acquisition				\$0
Equipment		\$0	\$0	\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$24,000		\$24,000
DPW Charges		\$16,000		\$16,000
Capitalized Interest		\$1,400		\$1,400
Park Services				\$0
Disadv. Business Serv.		\$2,000		\$2,000
Buildings/Structures		\$210,000		\$210,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$253,400	\$0	\$253,400

Budget Year Financing

Federal, State and Local Aids	\$200,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$52,600
Airport Reserve	
Investment	\$800
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$253,400

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WT305 – Roof Replacement at the MCTS Administration Building

An appropriation of \$253,400, including \$1,400 in capitalized interest, is budgeted for the design and construction to replace the roof at the Milwaukee County Transit System (MCTS) Administration Building. Financing will be provided from \$200,000 in Federal revenue, \$52,600 in general obligation bonds, and \$800 in investment earnings.

The current roof on the MCTS Administration Building is 23 years old and has reached the end of its useful life. As a result of the multiple leaks, damage has occurred to the interior of the building. Approximately six incidents of leaking are occurring per year that is requiring an estimated \$15,000 per year from the operating budget.

This project would replace the entire MCTS Administration Building roof.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

The DTPW project manager for the roof replacement project will be Walter Wilson, Architecture and Engineering Division. Specialized consultants will be retained as needed.

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**SECTION 3
AIRPORTS**

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA044	Project Title and Location GMIA - In-line Baggage Screening Phase 1	4789-2009
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority 1	Person Completing Form Edward Baisch	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$15,013,530	\$678,018	\$393,312		\$13,942,200
2008	\$918,000				\$918,000
2009	\$2,815,000				\$2,815,000
2010	\$22,148,000				\$22,148,000
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$40,894,530	\$678,018	\$393,312	\$0	\$39,823,200

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$12,330,330	\$2,815,000		\$15,145,330
Construction & Implementation	\$361,800		\$22,148,000	\$22,509,800
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$3,239,400			\$3,239,400
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$280,000	\$2,000,000		\$2,280,000
DPW Charges	\$1,993,835	\$800,000		\$2,793,835
Capitalized Interest	\$361,800			\$361,800
Park Services				\$0
Disadv. Business Serv.	\$15,000	\$15,000		\$30,000
Buildings/Structures	\$10,041,495		\$22,148,000	\$32,189,495
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses	\$3,239,400			\$3,239,400
Total Project Cost	\$15,931,530	\$2,815,000	\$22,148,000	\$40,894,530

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment	
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	\$2,815,000
Total Budget Year Financing	\$2,815,000

Cost Estimates Prepared By Consultant (McCluer)	DPW Review By Edward Baisch
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$1,595,862
2007 Expenditures	\$4,144,192
2008 Expenditures	\$3,478,327
Total Expenditures to Date	\$9,218,381
Encumbrances	\$1,712,670
Available Balance	\$5,000,479

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	
Complete Preliminary Plans	2/07
Complete Final Plans & Specifications	6/07
Begin Construction	8/07
Complete Construction	6/08
Scheduled Project Closeout	12/08

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA044 – GMIA Inline Baggage Screening – Phase II - Design (TSA screening area and conveyer system)

An appropriation of \$2,815,000 is budgeted for the design of Phase II of the Inline Baggage Security Screening project at GMIA. Financing will be provided from \$2,815,000 in Passenger Facility Charge (PFC) backed General Airport Revenue Bonds (GARBs).

In 2002, the Transportation Security Administration (TSA) began operation of equipment and procedures to screen all checked baggage at GMIA. This resulted in a significant amount of equipment being placed in the GMIA ticketing lobby, which has led to substantial congestion and inefficiencies in both the TSA and GMIA ticketing operations.

Since 2002, GMIA staff, airline officials, and local TSA officials have worked to develop a solution that would involve the reconfiguration of the airline ticketing offices and baggage make-up areas to allow for inline baggage screening between the check-in counters and new shared baggage make-up areas upon completion of Phase II of this project.

In 2004, the Department of Transportation and Public Works (DTPW) requested proposals from consultants to perform preliminary work. On March 25, 2004, McClier Corporation was selected to evaluate conceptual alternatives.

With the continued growth of Airport traffic, the strain on the ticketing areas during peak departure times and the congestion and the inefficiency of the handling of outbound baggage is frustrating for travelers as well as the airlines. During peak periods, passengers must exit the building and use the sidewalk to get from one end on the building to the other. Several charter carriers have been forced to conduct their ticketing operations on the airport concession mall resulting in additional operating costs and disruption to passengers.

Previous appropriations of \$14,862,130 have been provided for the Phase I design and construction of this project. McClier Corporation, now Austin AECOM, developed the construction plan for Phase I of the project, including the four new common bag make-up areas and reconfiguring the airline ticket office areas. Phase I construction is nearly completed and involved creating two common use bag make-up rooms. Each room contains two carousels and conveyor belts that feed passenger baggage from the ticketing lobby to the makeup rooms; however, Phase I does not remove the L-3 Explosive Detection System (EDS) equipment from the ticketing lobby. When Phase I is completed, the four carousels and support equipment will be aligned to seamlessly integrate with Phase II.

The Phase II design conceptually envisions two elevated structures on the north and south side of ticketing to house the EDS equipment. These elevated structures will permit tug traffic to proceed unimpeded to the baggage makeup rooms. The conveyor system installed in Phase I will be extended to these rooms with a number of diverters and pushers to ensure an efficient screening process. Centralized TSA screening will ensure maximum use of personnel and once bags are screened they will be returned through conveyers to the appropriate airline for delivery to outbound aircraft.

While this entire project continues to be eligible for Federal TSA funding, none was available for Phase I, and there are currently no TSA funds available for Phase II.

By completing the Phase II design effort with local PFC funding, the County intends to convey a strong message to the TSA that GMIA has done its part for project development and is ready to proceed with construction when money is available. All proposed grant applications require design-drawing submittals before consideration to the next step.

The estimated total cost developed by Austin AECOM for Phase II of the project is \$24,963,000. It is anticipated that construction funding will be requested in 2010 to be assisted by TSA funding.

The funding source for Phase II of this project will be provided from Milwaukee County's PFC program. A PFC program amendment will be required. The Airport plans to submit an amendment (new PFC Application No. 15) to its PFC program in early 2009 including the \$2,815,000 million design funding and the appropriate PFC local share of Phase II construction funding.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA044 – GMIA Inline Baggage Screening – Phase II - Design (TSA screening area and conveyer system) (Continued)

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works DTPW staff will be responsible for overall project management. Specialized consultants will be retained as needed.

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2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA072	Project Title and Location LJT Airfield Pavement Rehabilitation	4789-2009
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$490,000	\$367,500	\$61,250		\$61,250
2008	\$478,250	\$358,688	\$59,781		\$59,781
2009	\$277,000	\$261,250	\$6,875		\$8,875
2010	\$300,000	\$285,000	\$7,500		\$7,500
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$1,545,250	\$1,272,438	\$135,406	\$0	\$137,406

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$48,000		\$48,000
Construction & Implementation	\$810,102	\$229,000	\$300,000	\$1,339,102
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$158,148			\$158,148
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$5,000	\$9,000		\$14,000
DPW Charges	\$140,620	\$37,000		\$177,620
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.	\$4,000	\$2,000		\$6,000
Buildings/Structures				\$0
Land/Land Improvements	\$660,482	\$229,000	\$300,000	\$1,189,482
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses	\$158,148			\$158,148
Total Project Cost	\$968,250	\$277,000	\$300,000	\$1,545,250

Budget Year Financing

Federal, State and Local Aids	\$268,125
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	\$8,875
Investment	
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$277,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$300,898
2008 Expenditures	\$35,934
Total Expenditures to Date	\$336,831
Encumbrances	\$364,398
Available Balance	\$267,020

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA072 – LJT Airfield Pavement Rehabilitation

An appropriation of \$277,000 is budgeted for design and construction related to airfield pavement rehabilitation including apron repaving at Lawrence J. Timmerman Airport (LJT). This project is Airport Improvement Program (AIP) eligible. Financing will be provided from \$261,250 in AIP entitlement and Federal block grants, \$6,875 in State revenue and \$8,875 from the LJT Special Capital Improvement Reserve Account.

The initial phases of airfield pavement rehabilitation at LJT were conducted in 2006 and 2007 and included crack repair and seal-coating on Runway 15L/33R, Runway 4L/22R, a portion of Taxiway A, Taxiway B North of Turf Runway 4R/22L, and Taxiway C. The 2008 improvements included repaving portions of the north apron taxiway and hanger rows and crack repair and seal-coating of portions of Taxiways D and D1.

The 2009 phase of the project will include repaving a part of the North Fixed Base Operator (FBO) apron and a portion of Taxiway A not previously rehabilitated.

This continuing program of Airfield Pavement Rehabilitation at LJT has included both asphalt pavement crack repair and seal-coating of some existing pavement and total reconstruction of other areas of airfield pavement.

Crack repair and seal-coating are well-established methods to restore and extend the life of asphalt pavements. The Timmerman runway and taxiway pavements were last treated in 1992 and 1993. New treatment is due in order to extend the useful life of the pavement and prevent the premature need for more expensive repairs.

Crack repair (fill and seal) is necessary to prevent intrusion of water and incompressible material (stones) into the cracks. Incompressible material and debris in the cracks lead to a greater widening of the cracks and the intrusion of water contributes to the failure of the pavement sub-grade.

Seal-coating after the completion of crack repair provides a waterproof cover over the existing pavement surface and resistance to abrasion by traffic. Specific functions of surface treatment can be summarized as follows: plug voids; coat and bond loose aggregate particles in the pavement surfaces; renew the surface and restore skid resistance to traffic-worn pavements in which the surface aggregate has become polished; and, prevent water from penetrating granular bases.

If the crack repair and seal-coating are not performed, then continued pavement degradation would occur leading to premature pavement failure and costlier rehabilitation projects for the future. Proper maintenance will ensure that the airport will achieve maximum performance from these pavements with a minimum of disruption and long-term cost.

Repaving is necessary where existing pavement has degraded to the extent that crack repair and seal-coating can no longer provide a practical extension of life to the pavement. In these areas the sub-base has failed and the pavement is beginning to break apart.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works (DTPW) staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA090	Project Title and Location Firehouse Roof Replacement	4789-2009
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$351,000				\$351,000
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$351,000	\$0	\$0	\$0	\$351,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$61,000		\$61,000
Construction & Implementation		\$290,000		\$290,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$34,000		\$34,000
DPW Charges		\$24,000		\$24,000
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.		\$3,000		\$3,000
Buildings/Structures		\$290,000		\$290,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$351,000	\$0	\$351,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	\$351,000
Investment	
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$351,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA090 – Firehouse Roof Replacement

An appropriation of \$351,000 is budgeted for the design and construction to replace the roof on the GMIA Firehouse. Financing of \$351,000 will be provided from the Airport Capital Improvement Reserve Account.

The roof on the firehouse is approximately 29 years old and has never been replaced. This type of roof can generally last from 15 to 25 years depending on maintenance and foot traffic from the maintenance staff. The roof has performed well up until now but is leaking and requires replacement. The roof system measures approximately 12,000 square feet and is comprised of a 2 ply base sheet, poured insulating concrete, and a 4 ply built up roof. The roof shows signs of failure resulting from the inability of the roof system to move properly with the normal movement in the precast roof structure below. The new roofing system will properly address this movement in the precast, which is normal for this type of structure. The recommended replacement roof system would consist of 4 inches of rigid insulation mechanically fastened to the precast with a 1-inch hard board overlay, and a 4 ply built up roof with stone ballast.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works (DTPW) staff will be responsible for overall project management. Specialized consultants will be retained as needed. DTPW staff will be used for construction inspection.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA091	Project Title and Location GMIA Terminal Mall Public Restroom Renovations	4789-2009
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority 14	Person Completing Form Edward Baisch	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$150,000				\$150,000
2008	\$238,000				\$238,000
2009	\$1,434,550				\$1,434,550
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$1,822,550	\$0	\$0	\$0	\$1,822,550

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$150,000	\$89,500		\$239,500
Construction & Implementation	\$238,000	\$1,345,050		\$1,583,050
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$145,000	\$77,500		\$222,500
DPW Charges	\$34,000	\$77,500		\$111,500
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.	\$1,000	\$12,000		\$13,000
Buildings/Structures	\$208,000	\$1,267,550		\$1,475,550
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$388,000	\$1,434,550	\$0	\$1,822,550

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment	
Earnings	
PFC Revenue	\$1,434,550
Gifts & Cash	
Contributions	
PFC Bonds	
Total Budget Year Financing	\$1,434,550

Cost Estimates Prepared By John Bunn	DPW Review By Edward Baisch
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$47,350
2008 Expenditures	\$77,719
Total Expenditures to Date	\$125,069
Encumbrances	\$233,321
Available Balance	\$29,610

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	
Complete Preliminary Plans	4/07
Complete Final Plans & Specifications	7/07
Begin Construction	3/08
Complete Construction	8/08
Scheduled Project Closeout	12/08

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA091 – GMIA Terminal Mall Public Restroom Renovation - Construction

An appropriation of \$1,434,550 is budgeted for design and construction related to renovation of the GMIA Terminal Mall Public Restrooms. Financing of \$1,434,550 will be provided from pay-as-you-go Passenger Facility Charge (PFC) revenues.

Four sets of restrooms are located on the mall level of the terminal building at GMIA. All of the restrooms are original to the construction of the terminal building in 1984. The restrooms are showing signs of age and the wall coverings at the entryways as well as the floor and countertops are deteriorated due to extensive use and damage. The finishes are worn and unserviceable and can no longer be kept properly clean or efficiently maintained. The fixtures, while functional, are not automatic and the restrooms do not fully comply with the Americans with Disabilities Act (ADA). It is not possible to solely address the ADA compliance issues without an extensive renovation of each restroom. In addition, the size of the stalls, the height of the baby changing stations and countertops and general layout of the restrooms do not meet modern standards for ease of use and comfort for airline passengers. The renovation of the restrooms will address all of the issues cited above.

An appropriation transfer in March of 2008 provided for one of the four sets of restrooms to be remodeled during 2008, with the remaining three sets to be remodeled through this capital improvement project. The construction work in this project will include demolition and removal of the existing restroom finishes and fixtures; installing new plumbing, electrical and HVAC facilities in accordance with current building codes and standards; and new wall, ceiling and floor finishes.

An appropriation of \$6,250 is included in this project for public art.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works (DTPW) staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA094	Project Title and Location GMIA Runway Safety Area Improvements – Runways 1L-19R and 7R-25L	4789-2009
Requesting Department or Agency DPPI-Airport		Functional Group
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$978,579	\$733,934	\$122,322		\$122,322
2008	\$6,579,780	\$4,934,835	\$822,473		\$822,473
2009	\$13,221,000	\$9,897,000	\$1,649,500		\$1,674,500
2010	\$25,650,000	\$19,237,500	\$3,206,250		\$3,206,250
2011	\$2,305,000	\$1,728,750	\$288,125		\$288,125
2012	\$6,948,000	\$5,211,000	\$868,500		\$868,500
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$55,682,359	\$41,743,019	\$6,957,170	\$0	\$6,982,170

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$6,579,780	\$1,554,000		\$8,133,780
Construction & Implementation		\$11,667,000	\$34,903,000	\$46,570,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$978,579			\$978,579
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$5,000,000	\$1,079,000		\$6,079,000
DPW Charges	\$450,000	\$450,000		\$900,000
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.		\$25,000		\$25,000
Buildings/Structures				\$0
Land/Land Improvements		\$11,667,000	\$34,903,000	\$46,570,000
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses	\$2,108,359			\$2,108,359
Total Project Cost	\$7,558,359	\$13,221,000	\$34,903,000	\$55,682,359

Budget Year Financing

Federal, State and Local Aids	\$11,546,500
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment	
Earnings	
PFC Revenue	\$1,674,500
Gifts & Cash	
Contributions	
PFC Bonds	
Total Budget Year Financing	\$13,221,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$179,654
2007 Expenditures	\$352,332
2008 Expenditures	\$425,585
Total Expenditures to Date	\$957,571
Encumbrances	\$327,384
Available Balance	\$6,273,404

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA094 – GMIA Runway Safety Area Improvements – Runways 1L-19R and 7R-25L – Construction

An appropriation of \$13,221,000 is budgeted to begin construction of Runway Safety Area (RSA) Improvements for runways 1L-19R and 7R-25L at GMIA. This project is both Airport Improvement Program (AIP) and Passenger Facility Charge (PFC) financing eligible. AIP discretionary funding will be sought to the maximum amount possible with State funding and PFC pay-as-you-go financing being utilized for the balance. Financing will be provided from \$9,897,000 in Federal revenue, \$1,649,500 in State revenue and \$1,674,500 in passenger facility charge revenue.

Runway Safety Areas (RSAs) are areas of land surrounding runways that are required to be clear of objects, roadways, buildings and other obstructions for aircraft “overruns” and “undershoots.” These RSAs must be capable of supporting the weight of an aircraft without the aircraft incurring significant damage. The Federal Aviation Administration (FAA’s) Airport District Office conducted RSA evaluations for all of GMIA’s runways and determined that the ends of three runways (1L-19R, 7R-25L and 13-31), with their respective topographical features, did not meet the current FAA RSA standards. Due to these deficiencies, the FAA ordered action to be taken by GMIA to modify these runway ends to provide compliance with its current safety standards. This FAA ordered action is part of a nationwide effort to bring all deficient RSAs of commercial service airports into compliance with current design standards by 2015.

The airport consulting firm of Mead & Hunt, Inc. (Mead & Hunt) was selected to conduct a RSA improvements alternatives study and evaluation for GMIA and to proceed with the appropriate environmental documentation process in order to comply with the requirements of the National Environmental Policy Act (NEPA). Mead & Hunt has completed the alternatives study and evaluation for each of the three runways. For runway 13-31, the RSA deficiency was resolved in 2007 through a change in its airport reference code classification (County Board File No. 07-338). However, the remaining RSA deficiencies for runways 7R-25L and 1L-19R require more intensive corrective measures to bring them into compliance.

Preferred RSA improvement alternatives for runways 1L-19R and 7R-25L are identified in the Environmental Assessment (EA) document that was prepared by Mead & Hunt. The FAA approved this document in June of 2008. For runway 1L-19R, the preferred RSA improvement is the construction of a tunnel structure over East College Avenue that would create a properly graded safety area immediately south of the runway (refer to capital improvement project WH082 – East College Avenue). The top of the tunnel would consist of an asphalt blast pad, with the remaining area turf creating an overrun/undershoot area that is capable of supporting the weight of an aircraft. The usable length of the runway will be reduced by 610 feet for northbound takeoffs and landings to allow for the required RSA on the north end near East Layton Avenue. A second element of this project will extend the runway and taxiway pavement to the south by approximately 300 feet. The purpose of this extension is to lessen the impact of reduced takeoff length available for the airport users. Because the 1L-19R landing threshold location would be unchanged, the 1L-19R landing distance available will be 610 feet shorter than before. When all elements are completed, the total usable takeoff length of runway 1L-19R will be 310 feet (610 feet - 300 feet = an overall reduction in length of 310 feet) less than the present runway length, but will have FAA compliant RSAs on each approach end. This solution was selected as the preferred alternative based on several criteria, including impacts to the airport users, environmental impacts to the surrounding communities, cost, construction feasibility, and fulfilling the overall purpose and need of the action.

For runway 7R-25L, the preferred RSA improvement is to relocate or shift the entire runway 539 feet west. The impetus for shifting runway 7R-25L is to create a compliant RSA on the east end of the runway without modifying the existing railroad line. Approximately 539 feet of runway will be added to the west end of 7R-25L and the east end of 7R-25L will be shortened by 539 feet. Shifting the runway to the west will require the relocation of South Sixth Street (City of Milwaukee) and moving the runway takeoff/landing threshold for the 7R-25L (west) approach. Several modifications to connecting taxiways, navigational aids and lighting will also be required as part of the RSA improvement project. By shifting the runway west, and relocating South Sixth Street, the resulting RSAs will meet current FAA design standards with no loss of available runway length.

An appropriation transfer was approved in June of 2008 for both runways that provided \$6,500,000 for the design phase of this project.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA094 - GMIA Runway Safety Area Improvements – Runways 1L-19R and 7R-25L – Construction (Continued)

The capital request for 2009 of \$13,221,000 is to begin construction of the RSA improvements. Further appropriation requests are anticipated to be made in each year from 2010 through 2012 to complete all of the required RSA improvements in 2013. Preliminary estimates for the entire RSA improvements project, including design and construction, total approximately \$55,000,000.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works (DTPW) staff will be responsible for overall project management. Specialized consultants will be retained as needed.

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2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA100	Project Title and Location GMIA Security System Fiber Optic Infrastructure Replacement	4789-2009
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority 8	Person Completing Form Edward Baisch	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$324,000	\$243,000	\$40,500		\$40,500
2008					\$0
2009	\$1,503,000	\$1,118,250	\$186,375		\$198,375
2010	\$1,226,000				\$1,226,000
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$3,053,000	\$1,361,250	\$226,875	\$0	\$1,464,875

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$324,000	\$261,000		\$585,000
Construction & Implementation		\$1,242,000	\$1,226,000	\$2,468,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$260,000	\$150,000		\$410,000
DPW Charges	\$62,900	\$99,000		\$161,900
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.	\$1,100	\$12,000		\$13,100
Buildings/Structures				\$0
Land/Land Improvements		\$1,242,000	\$1,226,000	\$2,468,000
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$324,000	\$1,503,000	\$1,226,000	\$3,053,000

Budget Year Financing

Federal, State and Local Aids	\$1,304,625
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment	
Earnings	
PFC Revenue	\$198,375
Gifts & Cash	
Contributions	
PFC Bonds	
Total Budget Year Financing	\$1,503,000

Cost Estimates Prepared By Steve Dragosz	DPW Review By Edward Baisch
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Project Useful Life (Years)	15
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Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$46,010
2008 Expenditures	\$155,237
Total Expenditures to Date	\$201,247
Encumbrances	\$86,976
Available Balance	\$35,777

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans 8/07
Complete Final Plans & Specifications 12/07
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA100 – GMIA Security System Fiber Optic Infrastructure Replacement – Construction

An appropriation of \$1,503,000 is budgeted for the Phase 1 design and construction of the Security Fiber Optic Infrastructure Replacement project at GMIA. A related appropriation of \$1,226,000 will be requested in 2010 for the Phase 2 construction of this project. This project is Airport Improvement Program (AIP) eligible as well as Passenger Facility Charge (PFC) financing eligible. AIP entitlement funding will be sought to the maximum amount possible with PFC pay-as-you-go financing being utilized for the balance. Financing will be provided from \$1,118,250 in Federal revenue, \$186,375 in State revenue and \$198,375 in passenger facility charge revenue.

During the 2002 upgrade of the airport security system, it was discovered that the existing fiber optic infrastructure was barely adequate to support the upgrade. However, the priority at that time was to completely replace the hardware components of the system, because the mainframe system it operated on was no longer able to be supported and required replacement as soon as possible.

The appropriation made for this project in 2007 provided for the services of an aviation security system consultant to complete a thorough study and examination of the condition of the existing GMIA security system fiber optic infrastructure. The consulting firm, Mead & Hunt, Inc., presented the results of its study in April 2008 and has made recommendations for the reconfiguration and phased replacement of the fiber optic cabling in a schematic Design Report.

As indicated in the Mead & Hunt report, by 2012, the upgraded system equipment installed in 2002 will be 10 years old and nearing the end of its useful life. The fiber infrastructure that is planned for installation during 2009 and 2010 is needed so that any newer security equipment can be installed to replace obsolete equipment. A new and reconfigured fiber optic backbone will also provide an opportunity to obtain competitive bids on any number of security system components from many manufacturers, and enable future capabilities to utilize devices such as IP Cameras (internet protocol cameras). Utilizing this type of technology will result in a security system with greatly increased capacity and flexibility.

An additional concern is the already poor condition of the fiber optic cabling, which is long past its useful life. Much of the fiber was installed from the late 1980's to mid 1990's with a few sections installed in the early 2000's. Until replacement is complete there will be a high risk of loss of security communications and system function. Security requirements and technology are evolving rapidly. The existing fiber will not support security video and high-speed data traffic of present day and future security hardware. As indicated by the extensive fiber OTDR (optical time domain reflectometer) testing performed for the study, the existing fiber is in poor condition and is not adequate.

This project will require two phases. Phase 1 of the project work, which is being requested in 2009, would allow all the major network components to be established. Phase 2 will be requested in 2010 and would allow a migration of the security systems onto the new network.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works (DTPW) staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA104	Project Title and Location GMIA-Southside Trituration Building	4789-2009
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority 13	Person Completing Form Edward Baisch	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$35,000				\$35,000
2008	\$11,980				\$11,980
2009	\$461,000				\$461,000
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$507,980	\$0	\$0	\$0	\$507,980

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$46,980			\$46,980
Construction & Implementation		\$461,000		\$461,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$40,000	\$15,000		\$55,000
DPW Charges	\$6,980	\$22,000		\$28,980
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.		\$4,000		\$4,000
Buildings/Structures		\$420,000		\$420,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$46,980	\$461,000	\$0	\$507,980

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	\$461,000
Investment	
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$461,000

Cost Estimates Prepared By Ivars Zusevics	DPW Review By Edward Baisch
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Project Useful Life (Years)	30
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Project Fiscal Status

Prior Year Expenditures	\$0
2006 Expenditures	
2007 Expenditures	\$1,519
Total Expenditures to Date	\$1,519
Encumbrances	
Available Balance	\$45,461

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	
Complete Preliminary Plans	6/07
Complete Final Plans & Specifications	10/07
Begin Construction	3/08
Complete Construction	7/08
Scheduled Project Closeout	12/08

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA104 – GMIA Southside Trituration Building - Construction

An appropriation of \$461,000 is budgeted for construction of the Southside Trituration Building project at GMIA. Financing of \$461,000 will be provided from the Airport Capital Improvement Reserve Account.

Appropriations in 2007 of \$35,000 and in 2008 of \$11,980 provided for the design of this project. The design will be complete by the end of 2008 concluding with a more detailed construction cost estimate and the preparation of bidding documents for the new facility.

This project will include the construction in 2009 of a new stand-alone decorative block building located on the south end of the airport terminal apron to serve as a drive-thru facility for disposal of aircraft sanitary waste from airline lavatory trucks and carts. The building would be about 25 feet wide by 40 feet long with heavy-duty, hi-speed overhead doors on each end of the building. The doors would have in-pavement vehicle sensing for automatic operation. The building would be equipped with an under floor triturator (grinder) with connection to a sanitary sewer. Water service would be provided for lavatory tank dispensing wash-down and vehicle pressure wash equipment. The building would be heated and include interior and exterior lighting.

The existing trituration room, located in Concourse C, is difficult to access and inefficient to utilize. This existing room was originally designed for lavatory trucks that could easily pull in and back out of a single entrance room. Airlines more commonly use a lavatory cart hitched to a tug, which is better served by a drive-thru design. A new and better-designed additional trituration room would provide greater accessibility, improve airline operations and shorten travel distance to either of the facilities. The existing trituration room will continue to serve as a back-up facility for disposal of aircraft sanitary waste.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works (DTPW) staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA108	Project Title and Location Terminal HVAC Equipment Replacement	4789-2009
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority 3	Person Completing Form Edward Baisch	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$2,038,365				\$2,038,365
2008	\$1,960,750				\$1,960,750
2009	\$1,764,000				\$1,764,000
2010	\$485,000				\$485,000
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$6,248,115	\$0	\$0	\$0	\$6,248,115

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$2,085,750	\$212,000		\$2,297,750
Construction & Implementation	\$1,683,400	\$1,552,000	\$485,000	\$3,720,400
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$229,965			\$229,965
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$200,000	\$200,000		\$400,000
DPW Charges	\$208,750	\$92,000		\$300,750
Capitalized Interest	\$58,400			\$58,400
Park Services				\$0
Disadv. Business Serv.	\$27,000	\$12,000		\$39,000
Buildings/Structures	\$3,275,000	\$1,460,000	\$485,000	\$5,220,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses	\$229,965			\$229,965
Total Project Cost	\$3,999,115	\$1,764,000	\$485,000	\$6,248,115

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$1,764,000
Airport Reserve	
Investment	
Earnings	
PFC Revenue	
Gifts & Cash	
Contributions	
PFC Bonds	
Total Budget Year Financing	\$1,764,000

Cost Estimates Prepared By Tom Voigt	DPW Review By Edward Baisch
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Project Useful Life (Years)	15
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Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$1,143,777
2008 Expenditures	\$704,696
Total Expenditures to Date	\$1,848,473
Encumbrances	\$1,820,809
Available Balance	\$329,833

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications 2/07
Begin Construction 5/07
Complete Construction 6/08
Scheduled Project Closeout 12/08

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA108 – GMIA HVAC Equipment Replacement

An appropriation of \$1,764,000 is budgeted for the third phase of the GMIA HVAC Equipment Replacement design and construction. Financing of \$1,764,000 will be provided from General Airport Revenue Bonds (GARBs).

General Mitchell International Airport commissioned a study of all HVAC systems serving the main terminal/concourse complex in late 2005 in response to prolonged and widespread complaints about building comfort. The first milestone of this study, delivered March 16, 2006, consisted of an evaluation of seventy-one (71) HVAC units. The study included a review of existing documents to assess original design intent, a field survey of each piece of equipment to assess its condition and remaining useful life, and a review of present operations to assess the appropriateness of the equipment for its current and future use.

This review concluded that twenty-six (26) of the seventy-one (71) pieces of equipment were beyond their useful life and required replacement. This evaluation further showed that, of the twenty-six units, nine (9) were no longer the appropriate equipment for their present use.

The HVAC systems study recommended replacing the twenty-six (26) identified units in two design phases with each followed by multiple years of construction. The first design phase was completed in 2006 and construction of this design phase followed in 2007 and 2008 with the replacement of five (5) and ten (10) units, respectively. The second design phase will be completed in 2008 with construction proceeding in 2009 through 2010.

Nine (9) additional units will be replaced in 2009. The balance of the planned HVAC Equipment Replacement work will be completed in 2010.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works (DTPW) staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA122	Project Title and Location GMIA- Airfield Pavement Rehabilitation	4789-2009
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority 2	Person Completing Form Edward Baisch	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$740,000	\$555,000	\$92,500		\$92,500
2008	\$846,100	\$630,000	\$105,000		\$111,100
2009	\$858,000	\$637,500	\$106,250		\$114,250
2010	\$908,000				\$908,000
2011	\$929,000				\$929,000
2012	\$952,000				\$952,000
2013	\$974,000				\$974,000
SUBSEQUENT					\$0
TOTAL	\$6,207,100	\$1,822,500	\$303,750	\$0	\$4,080,850

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$740,000			\$740,000
Construction & Implementation	\$846,100	\$858,000	\$3,763,000	\$5,467,100
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$6,000	\$5,000		\$11,000
DPW Charges	\$258,300	\$138,000		\$396,300
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.	\$10,800	\$8,000		\$18,800
Buildings/Structures				\$0
Land/Land Improvements	\$1,311,000	\$707,000	\$3,763,000	\$5,781,000
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$1,586,100	\$858,000	\$3,763,000	\$6,207,100

Budget Year Financing

Federal, State and Local Aids	\$743,750
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment	
Earnings	
PFC Revenue	\$114,250
Gifts & Cash	
Contributions	
PFC Bonds	
Total Budget Year Financing	\$858,000

Cost Estimates Prepared By Paul Montalto	DPW Review By Edward Baisch
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Project Useful Life (Years)	10
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Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$675,465
2008 Expenditures	\$512,079
Total Expenditures to Date	\$1,187,544
Encumbrances	\$151,096
Available Balance	\$247,460

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	
Complete Preliminary Plans	2/07
Complete Final Plans & Specifications	3/07
Begin Construction	5/07
Complete Construction	7/07
Scheduled Project Closeout	12/07

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA122 – GMIA Airfield Pavement Rehabilitation

An appropriation of \$858,000 is budgeted for construction related to Airfield Pavement Rehabilitation at GMIA. This project is Airport Improvement Program (AIP) eligible as well as Passenger Facility Charge (PFC) financing eligible. AIP entitlement funding will be sought to the maximum amount possible with PFC pay-as-you-go financing being utilized for the balance. Financing will be provided from \$637,500 in Federal revenue, \$106,250 in State revenue and \$114,250 in passenger facility charge revenue.

This project will include rehabilitation of concrete pavement joints in need of repair and reseal, partial depth concrete pavement repair, full depth concrete pavement repair, and asphalt pavement crack fill, full depth asphalt pavement repair, and seal-coating of select airfield runways, taxiways and aprons.

This project is part of an ongoing program to perform concrete joint and concrete and asphalt pavement repairs throughout the airfield. This work in various areas has been carried out annually since 2002. The current phase being conducted in 2008 in the amount of \$846,100 includes asphalt slurry seal-coating work remaining on the pavements of Taxiways P, F, F2, K, and Runway 13/31, full depth concrete panel replacements on Runways 7R/25L and 13/31, and concrete joint repairs on Taxiways Y & M.

The 2009 phase of this project will include various full-depth concrete panel replacements on Runways 7R/25L and 13/31, full-depth asphalt removal and replacement within the Northeast Hangar Apron, partial depth concrete pavement repair, and concrete joint repair along the Terminal Apron Ramp, and various other airfield taxiways and runways as determined during design.

Maintaining the full service life of concrete pavement requires that close attention be paid to the condition of the joint sealant. To maintain an effective seal the joint product must firmly adhere to both sides of the vertical concrete surfaces. Without this effective seal, water and other materials can enter the joint causing damage to the pavement and the underlying pavement sub-base. Over time the joint sealing product becomes stiff and loses its ability to expand and contract with the pavement and thus becomes separated from the concrete joint surfaces.

Annual inspection of the airfield pavement has revealed areas of concrete joint and panel failures as well as excessive asphalt pavement cracking and surface wear. Good pavement maintenance dictates that repairs be made at this time to preserve the overall quality of the airfield pavement and avoid the excessive costs associated with the complete reconstruction of an area of airfield pavement. The repairs are also necessary to maintain a safe and operational airfield and eliminate any potential hazards of Foreign Object Debris (FOD) being generated as a result of poorly maintained airfield pavement.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works (DTPW) staff will be responsible for overall project management. Specialized consultants will be retained as needed. DTPW staff will be used for construction inspection.

2009 RECOMMENDED CAPITAL IMPROVEMENTS

MILWAUKEE COUNTY

Project No. WA123	Project Title and Location GMIA Airfield Safety Improvements	4789-2009
Requesting Department or Agency Transportation and Public Works		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,026,000	\$769,500	\$128,250		\$128,250
2008					\$0
2009	\$494,000	\$367,500	\$61,250		\$65,250
2010	\$200,000				\$200,000
2011	\$200,000				\$200,000
2012	\$200,000				\$200,000
2013	\$200,000				\$200,000
SUBSEQUENT					\$0
TOTAL	\$2,320,000	\$1,137,000	\$189,500	\$0	\$993,500

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$86,000		\$86,000
Construction & Implementation	\$1,026,000	\$408,000	\$800,000	\$2,234,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$20,000		\$20,000
DPW Charges	\$205,200	\$62,000		\$267,200
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.		\$4,000		\$4,000
Buildings/Structures				\$0
Land/Land Improvements	\$820,800	\$408,000	\$800,000	\$2,028,800
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$1,026,000	\$494,000	\$800,000	\$2,320,000

Budget Year Financing

Federal, State and Local Aids	\$428,750
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment	
Earnings	
PFC Revenue	\$65,250
Gifts & Cash	
Contributions	
PFC Bonds	
Total Budget Year Financing	\$494,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$226,535
2008 Expenditures	\$468,962
Total Expenditures to Date	\$695,497
Encumbrances	\$110,686
Available Balance	\$219,817

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA123 – GMIA Airfield Safety Improvements

An appropriation of \$494,000 is budgeted for Airfield Safety Improvements at GMIA. This project is Airport Improvement Program (AIP) eligible as well as Passenger Facility Charge (PFC) financing eligible. AIP entitlement funding will be sought to the maximum amount possible with PFC pay-as-you-go financing being utilized for the balance. Financing will be provided from \$367,500 in Federal revenue, \$61,250 in State revenue and \$65,250 in passenger facility charge revenue.

Increased airline traffic has prompted a renewed nation-wide vigilance of aviation safety. Subsequently, there has been an increasing need to add more safety related features and aids on the airfield runways and taxiways. In each of the last several years GMIA has received directives from the Federal Aviation Administration (FAA) to make these additions in a strict and timely manner, often as soon as possible or within months of when the directive was issued. These directives have come in several forms including FAA “Call to Action” Runway Action Team initiatives, FAA Airport Certification Safety Inspector Letters of Correction and Safety Recommendations, FAA Airports District Office notices, and new FAA Advisory Circulars. Additionally, some proactive measures have been formulated by GMIA in advance of directives anticipated from the FAA. The required added features have typically included new airfield pavement markings, added or changed guidance signage, and additional airfield lighting.

An appropriation transfer in 2007 of \$1,026,000 funded and completed the implementation of several airfield safety measures directed by the FAA. The appropriation for 2009 will provide for the replacement of the high speed taxiway turn-off lighting on Taxiways M and S as well as a budget allowance to provide for any new FAA directives or initiatives required to be implemented in the 2009 budget year.

The high-speed turnoff centerline lighting circuits on Taxiways M & S are failing and are at the end of their useful life. The shallow conduits installed in slots in the concrete pavement connecting the light bases are loosening from the sealing material holding them in place. The lights were put into place after the pavement was installed by cutting into the pavement. Consequently, the conduits and wiring have been “floating” to the surface resulting in significant maintenance and safety concerns. Snowplows can hook the conduit pulling out the cabling and damaging the light bases, thus disabling them and creating FOD (foreign object debris). Further, drainage of water from the light bases is poor and causes damage to the lights because of movement from the freeze and thaw cycle of the water in the bases. A new design for this installation will provide for improved safety and ease of maintenance.

In prior years, the airport has had to draw from many different resources to satisfy these safety issues within the very short time periods required. These projects are becoming increasingly more complex and difficult to implement. The consequences of not addressing these issues can have a severe effect on efficient airline operation and the safety of the traveling public.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation & Public Works (DTPW) staff will be responsible for overall project management. Specialized consultants will be retained as needed. DTPW staff will be used for construction inspection.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA133	Project Title and Location GMIA - Concourse D Hammerhead Restroom Remodel	4789-2009
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$221,000				\$221,000
2010	\$1,662,000				\$1,662,000
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$1,883,000	\$0	\$0	\$0	\$1,883,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$221,000	\$1,662,000	\$1,883,000
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$150,000		\$150,000
DPW Charges		\$70,000	\$1,662,000	\$1,732,000
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.		\$1,000		\$1,000
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$221,000	\$1,662,000	\$1,883,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment	
Earnings	
PFC Revenue	\$221,000
Gifts & Cash	
Contributions	
PFC Bonds	
Total Budget Year Financing	\$221,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA133 – GMIA Concourse D Hammerhead Restroom Renovation - Design

An appropriation of \$221,000 is budgeted for the design phase of the renovation of the GMIA Concourse D Hammerhead Public Restrooms. Financing of \$221,000 will be provided from pay-as-you-go Passenger Facility Charge (PFC) revenue.

Three sets of restrooms are located on the Concourse D Hammerhead. All of the restrooms are original to the Concourse D Hammerhead addition constructed in 1990. The restrooms are showing signs of age and the wall coverings as well as the floor and countertops are deteriorated due to extensive use and damage. The finishes are worn and unserviceable and can no longer be kept properly clean or efficiently maintained. The restrooms do not fully comply with current Americans with Disabilities Act (ADA) standards. In addition, the size of the stalls, the height of the baby changing stations and countertops, and general layout of the restrooms do not meet modern standards for ease of use and comfort by airline passengers. The renovation of the restrooms will address all of the issues cited above.

The design work will conclude with a detailed construction cost estimate and the preparation of bidding documents for the construction phase of the work. The construction estimate prepared during design will be used to identify a more accurate and appropriate budget amount for the 2010 construction appropriation request.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works (DTPW) staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA134	Project Title and Location GMIA - Perimeter and ARFF Road Reconfiguration	4789-2009
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$225,000	\$168,000	\$28,000		\$29,000
2010	\$1,837,000	\$1,377,750	\$229,625		\$229,625
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$2,062,000	\$1,545,750	\$257,625	\$0	\$258,625

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$225,000	\$1,837,000	\$2,062,000
Construction & Implementation			\$0	\$0
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$20,000		\$20,000
DPW Charges		\$204,000		\$204,000
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.		\$1,000		\$1,000
Buildings/Structures				\$0
Land/Land Improvements			\$1,837,000	\$1,837,000
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$225,000	\$1,837,000	\$2,062,000

Budget Year Financing

Federal, State and Local Aids	\$196,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment	
Earnings	
PFC Revenue	\$29,000
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$225,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA134 – GMIA Perimeter and ARFF Road Reconfiguration - Design

An appropriation of \$225,000 is budgeted for design of the Perimeter and ARFF (Aircraft Rescue and Fire Fighting) Road Reconfiguration project at GMIA. This project is Airport Improvement Program (AIP) eligible as well as Passenger Facility Charge (PFC) financing eligible. AIP entitlement funding will be sought to the maximum amount possible with PFC pay-as-you-go financing being utilized for the balance. Financing will be provided from \$168,000 in Federal revenue, \$28,000 in State revenue, and \$29,000 in passenger facility charge revenue.

ARFF roads provide emergency routes for response equipment and allow unimpeded two-way access to potential accident areas. They were designed to connect with operational surfaces and other roads to facilitate aircraft rescue and firefighting operations while providing the most direct routes and minimum response times. Service vehicles along with other equipment also use these routes to service airfield navigational aids (NAVAIDS) and perform general airfield maintenance.

Increased safety awareness has prompted the Federal Aviation Administration (FAA) Airports District Office Program Manager to inform the airport that all roads including ARFF and service drives are no longer permitted to have direct connection to any runways. This proactive approach by the FAA is another step in the prevention and curtailment of runway incursions.

Existing ARFF and runway access roads will need to be relocated to adjoining taxiways or other perimeter roadways. The roads on the airfield and within the Aircraft Operations Area (AOA) will be relocated and widened to accommodate larger response equipment. The last 300 feet adjoining the taxiway will be asphalt paved to prevent Foreign Object Debris (FOD) from being carried on to the taxiway pavement surface. Other perimeter roads outside the AOA are designed to be ten feet wide and paved with an asphalt surface.

It is anticipated that design for this project will take place in 2009 with construction following in 2010. During design, close coordination between the airport, ARFF personnel and FAA will be necessary to ensure that the relocated roads will maintain the highest level of safety and provide for emergency response within FAA standards. The design work will conclude with a detailed construction cost estimate and the preparation of bidding documents for the project. The construction estimate prepared during design will be used to identify a more accurate and most appropriate budget amount for a 2010 construction appropriation request.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation & Public Works (DTPW) staff will be responsible for overall project management. Specialized consultants will be retained as needed. DTPW staff will be used for construction inspection.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA137	Project Title and Location GMIA - Operations Control Center Renovation	4789-2009
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$556,000				\$556,000
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$556,000	\$0	\$0	\$0	\$556,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$97,400		\$97,400
Construction & Implementation		\$458,600		\$458,600
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$48,100		\$48,100
DPW Charges		\$43,300		\$43,300
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.		\$6,000		\$6,000
Buildings/Structures		\$458,600		\$458,600
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$556,000	\$0	\$556,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment	
Earnings	
PFC Revenue	\$556,000
Gifts & Cash	
Contributions	
PFC Bonds	
Total Budget Year Financing	\$556,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA137 – GMIA Operations Control Center Renovation

An appropriation of \$556,000 is budgeted for the design and construction related to renovation of the GMIA Operations Control Center. Financing of \$556,000 will be provided from pay-as-you-go Passenger Facility Charge (PFC) revenues.

In February 2008, a study was completed by Bloom Companies, LLC to assess the conditions and needs of the GMIA Operation Control Center. A study report published at that time provided recommendations, schematic layouts of proposed changes and a budget estimate to complete the renovation work.

As indicated in the Bloom report the existing Operations Control Room is in general need of renovation due to thermal discomfort issues, broken infrastructure components, worn finishes and ad hoc alterations over time. The heart of the operation is a Control Console, which was designed to accommodate rack-mounted equipment. Recent equipment additions and replacements have been personal computer (PC) related equipment that does not fit in the existing sloped-top consoles. The resulting impact has been the awkward placement of central processor units, keyboards and monitors. Exacerbating the situation is lack of flat surfaces for placement of desktop phone units. The addition of new equipment over the years has also resulted in disorganized cables behind the console.

On the infrastructure side, the existing light fixtures are too bright at night and cause glare problems for the staff. The heating and cooling system is designed for comfort at peak load situations, but does not satisfy partial load periods, such as night hours when a single staff member is present or spring/fall transitions between heating and cooling. In addition, the Operations Control Room has six operable window units that staff has opened at times for comfort relief. Several of the windows are broken, posing additional discomfort and moisture problems. Convection heating units around the perimeter of the room are plagued with missing covers, damaged fins, broken mounts and blocked vents preventing an effective transfer of heat.

The Bloom report further details additional recommendations for infrastructure improvements that may be addressed at a later date. However, the 2009 appropriation for this project addresses design and construction related to improvements of the heating, ventilation and air conditioning (HVAC) system, windows, lighting, and the control room improvements.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation & Public Works (DTPW) staff will be responsible for overall project management. Specialized consultants will be retained as needed

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA139	Project Title and Location GMIA - Redundant Main Electric Service Feed	4789-2009
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$321,000				\$321,000
2010	\$3,481,000				\$3,481,000
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$3,802,000	\$0	\$0	\$0	\$3,802,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$321,000	\$3,481,000	\$3,802,000
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$250,000		\$250,000
DPW Charges		\$69,000	\$3,481,000	\$3,550,000
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.		\$2,000		\$2,000
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$321,000	\$3,481,000	\$3,802,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment	
Earnings	
PFC Revenue	\$321,000
Gifts & Cash	
Contributions	
PFC Bonds	
Total Budget Year Financing	\$321,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA139 – GMIA Redundant Main Electric Service Feed - Design

An appropriation of \$321,000 is budgeted for the design of the Redundant Main Electric Service Feed for GMIA. Financing of \$321,000 will be provided from pay-as-you-go Passenger Facility Charge (PFC) revenues.

This project is proposed to add a separate electrical feeder line for the electric power service and distribution system at GMIA in which the majority of the electrical feeders into the GMIA Terminal Building are routed through a common underground duct bank and manhole system. This electrical and distribution system set-up contributed to the loss of power to the Terminal in July 2007 as an accident resulted in shorting a feeder cable and started a fire which damaged other feeders in the manhole. All of the feeders in the manhole were interrupted in order to extinguish the fire and make the temporary repairs.

To reduce this high-risk situation resulting from having all power supply routed through a common duct bank and provide significant improved electrical service reliability, this project proposes to provide a second two-line electric power service from WE Energies to serve the Terminal Building from a different location than the service feeders that currently exist entering the northwest side of the terminal. WE Energies proposes to extend the two-line system from which they now serve the field lighting regulator building to the south side of the Terminal Building. The extension of the lines would be accomplished through a directional bore under Runway 25L-7R and to a location near the southeast corner of the Parking Structure. The new electrical service equipment required for this project would be similar to that at the Howell Avenue Service Substation and in the Power House currently utilized for provision of the existing primary service to the Terminal.

This project will improve the reliability and continuity of electric power service throughout the Terminal facility by installing redundant feeders from the new alternate source into the six distribution facilities existing throughout the Terminal. Once in place, any loss of power from either source, be it due to equipment failure or loss of utility service, could be immediately restored from the alternate source.

This project would further allow for additional future reliability in the service from WE Energies. WE Energies presently supplies all sources of power to GMIA from one branch substation. They are planning the development of a new substation that would replace one of the two lines serving GMIA. With the completion of this substation, currently expected to be approved and completed by 2010 or 2011, each service feed to GMIA would then be routed from independent WE Energies substations.

The design work will include a complete evaluation of options to best improve the reliability of the electric service and distribution system at GMIA. The design work will also include detailed construction cost estimates and the preparation of bidding documents for the construction phase of the work. A construction estimate prepared during design will be used to identify a more accurate and appropriate budget amount for the 2010 construction appropriation request for the best option selected.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works DTPW staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA140	Project Title and Location GMIA - Parking Structure 6th Floor Membrane	4789-2009
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$761,250				\$761,250
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$761,250	\$0	\$0	\$0	\$761,250

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$130,000		\$130,000
Construction & Implementation		\$631,250		\$631,250
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$50,000		\$50,000
DPW Charges		\$75,000		\$75,000
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.		\$5,000		\$5,000
Buildings/Structures				\$0
Land/Land Improvements		\$631,250		\$631,250
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$761,250	\$0	\$761,250

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$761,250
Airport Reserve	
Investment	
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$761,250

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA140 – GMIA Parking Structure 6th Floor Waterproofing Membrane Installation

An appropriation of \$761,250 is budgeted for the design and installation of a waterproofing membrane on the sixth floor of the parking structure at GMIA. Financing of \$761,250 will be provided from General Airport Revenue Bonds (GARBs).

Each year inspection is undertaken on the GMIA Parking Structure to determine the general maintenance and repair that needs to be performed. The general maintenance and repair is financed by the airport's annual operating budget and is performed to keep the parking structure in top condition and preserve its useful life.

An inspection conducted in the spring of 2008 revealed that the application of a waterproofing membrane on the sixth floor of the structure, which was constructed in 1980, is needed to protect the slab's embedded reinforcing steel from the penetration of water and salts carried into the structure from vehicles. The slab is just beginning to show signs of bleeding of rust and some spalls and the installation of a waterproofing membrane in 2009 will slow the degradation of the floor slab and preserve the useful life of this structure.

An appropriation of \$12,550 is included in this project for public art.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works DTPW staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA141	Project Title and Location GMIA Administration Building Ground Floor Elevator	4789-2009
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$184,000				\$184,000
2010	\$4,946,000				\$4,946,000
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$5,130,000	\$0	\$0	\$0	\$5,130,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$184,000	\$4,946,000	\$5,130,000
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$162,200		\$162,200
DPW Charges		\$18,800		\$18,800
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.		\$3,000		\$3,000
Buildings/Structures			\$4,946,000	\$4,946,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$184,000	\$4,946,000	\$5,130,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment	
Earnings	
PFC Revenue	\$184,000
Gifts & Cash	
Contributions	
PFC Bonds	
Total Budget Year Financing	\$184,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA141 – GMIA Administration Building Ground Floor Elevator - Design

An appropriation of \$184,000 is budgeted for the design phase of the Administration Building Ground Floor Elevator at GMIA. Financing of \$184,000 will be provided from pay-as-you-go Passenger Facility Charge (PFC) revenue.

The design will include the addition of an elevator for ADA access between the ground level to the Administration Building second level and the Concourse C connector. The TSA is an existing tenant on the west end of the first floor of the Administration Building and has cited on several occasions their requirement for elevator access to the concourse level from their leased space on the ground floor.

The location of the elevator is anticipated to be placed at the east end of the Administration Building at the connection of the building to Concourse C. For access to the elevator from the western end of the Administration Building, the addition of a corridor is required.

The existing Administration Building wing was constructed in several stages under numerous projects. The various existing connecting walls would make the design and construction of an interior corridor very difficult. To make the space as practical as possible, the design will consider the addition of a single story corridor along the southwest face of the existing building.

During the initial phase of this design, the installation of a ramped corridor will be considered and evaluated as an alternative to an elevator. If found to be practical and cost effective, the design will be completed for a ramp in place of elevator access. Additional capital infrastructure improvements may need to be addressed at a future date dependent upon results of the design phase.

The design work will conclude with a detailed construction cost estimate and the preparation of bidding documents for the construction phase of the work. The construction estimate prepared during design will be used to identify a more accurate and appropriate budget amount for a year 2010 construction appropriation request.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works (DTPW) staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA143	Project Title and Location GMIA Cargo Ramp 3D Access Control Security	4789-2009
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$270,000	\$202,500	\$33,750		\$33,750
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$270,000	\$202,500	\$33,750	\$0	\$33,750

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$270,000		\$270,000
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$20,000		\$20,000
DPW Charges		\$26,000		\$26,000
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements		\$224,000		\$224,000
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$270,000	\$0	\$270,000

Budget Year Financing

Federal, State and Local Aids	\$236,250
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment	
Earnings	
PFC Revenue	\$33,750
Gifts & Cash	
Contributions	
PFC Bonds	
Total Budget Year Financing	\$270,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA143 – GMIA Cargo Ramp Gate 3D Access Control Security

An appropriation of \$270,000 is budgeted for design and construction of the Cargo Ramp Gate 3D Access Control Security at GMIA. This project is Airport Improvement Program (AIP) eligible as well as Passenger Facility Charge (PFC) financing eligible. AIP entitlement funding will be sought to the maximum amount possible with PFC pay-as-you-go financing being utilized for the balance. Financing will be provided from \$202,500 in Federal revenue, \$33,750 in State revenue and \$33,750 in passenger facility charge revenue.

The GMIA security system (with security badge/card reader access and entrance point monitoring by the Airport Safety and Security office) does not currently extend to the airport's air cargo facilities. Security and control of access to the ramp and airfield is presently accomplished by and the responsibility of the cargo facility tenants.

With this project GMIA plans an initial extension of the security system to Gate 3D located between the two air freight buildings at the cargo facility. Gate 3D is used extensively by airport tenants and staff to gain access to the cargo ramp and the airfield at that location. The gate is currently controlled by tenant staff in the adjacent building upon a request-for-entry signal and then visual observance of the security badge of the individual requesting entry.

An extension of the security system to Gate 3D would provide for a security badge/card reader, an intercom, a monitoring camera and a system controlled gate operation. Present staff at the cargo facility would continue to perform required security checks of persons and vehicles prior to allowing entry into this area. However, the security system would provide positive identification and access authority to the staff performing this function.

In addition to the card reader, intercom and camera, the work would also include new gate operators, in-pavement vehicle sensing loops, and an access control panel with connection to the security system fiber optic network.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works (DTPW) staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA144	Project Title and Location GMIA Terminal South Escalator Reorientation	4789-2009
Requesting Department or Agency Airport		Functional Group Transportation
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$198,000				\$198,000
2010					\$0
2011	\$1,152,000				\$1,152,000
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$1,350,000	\$0	\$0	\$0	\$1,350,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$198,000	\$27,000	\$225,000
Construction & Implementation			\$1,125,000	\$1,125,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$165,000	\$17,000	\$182,000
DPW Charges		\$33,000	\$10,000	\$43,000
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures			\$1,125,000	\$1,125,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$198,000	\$1,152,000	\$1,350,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	\$198,000
Investment	
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$198,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA144 – GMIA Terminal South Escalator Reorientation - Design

An appropriation of \$198,000 is budgeted for the design of the Terminal South Escalator Reorientation at GMIA. Financing of \$198,000 will be provided from the Airport Capital Improvement Reserve Account.

The existing escalators at the south end of the Ticketing level of the Terminal building currently travel up to the Terminal Mall in a southerly direction, depositing passengers at the entrance of the E Concourse security checkpoint. With the recent expansion of the E checkpoint, the room for passenger circulation at the top of this escalator has been greatly reduced. Severe congestion occurs during busy periods with the checkpoint line interfering with passenger movement both to and from the escalator.

This project will provide a design to reorient the escalators with travel up from the Ticketing level to the Terminal Mall in a northerly direction. This orientation will place the top of the escalators away from the E checkpoint and toward the open mall area. On the Ticketing level the bottom of the escalators will be placed at the far south end of the building. A door on that end of Ticketing will need to be relocated slightly north from its present location.

The design work will conclude with a detailed construction cost estimate and the preparation of bidding documents for construction. The construction estimate prepared during design will be used to identify a more accurate budget amount for a future appropriation request addressing construction.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works (DTPW) staff will be responsible for overall project management. Specialized consultants will be retained as needed.

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SECTION 4
ENVIRONMENTAL SERVICES

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WV009	Project Title and Location Countywide Sanitary Sewers Repairs	4789-2009
Requesting Department or Agency DPW-A&E		Functional Group Transportation
Department Priority 2	Person Completing Form Gary Mick	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$3,066,550				\$3,066,550
2008	\$517,270				\$517,270
2009	\$517,400				\$517,400
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$4,101,220	\$0	\$0	\$0	\$4,101,220

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$1,050,000			\$1,050,000
Construction & Implementation	\$1,792,270	\$517,400		\$2,309,670
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$741,550			\$741,550
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$843,334	\$10,000		\$853,334
DPW Charges	\$274,236	\$73,300		\$347,536
Capitalized Interest	\$90,000	\$13,400		\$103,400
Park Services				\$0
Disadv. Business Serv.	\$18,000	\$4,000		\$22,000
Buildings/Structures				\$0
Land/Land Improvements	\$1,616,700	\$416,700		\$2,033,400
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses	\$741,550			\$741,550
Total Project Cost	\$3,583,820	\$517,400	\$0	\$4,101,220

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$510,000
Airport Reserve	
Investment	\$7,400
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$517,400

Cost Estimates Prepared By Gary Mick	DPW Review By Greg High
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Project Useful Life (Years)	35
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Project Fiscal Status

Prior Year Expenditures	\$10,260
2007 Expenditures	\$1,982,306
2008 Expenditures	\$672,543
Total Expenditures to Date	\$2,665,109
Encumbrances	\$329,721
Available Balance	\$588,990

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	NA
Complete Preliminary Plans	1/07
Complete Final Plans & Specifications	2/07
Begin Construction	5/07
Complete Construction	10/09
Scheduled Project Closeout	12/09

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WV009 – Countywide Sanitary Sewer Repairs

An appropriation of \$517,400, including \$13,400 in capitalized interest, is budgeted to repair and reconstruct sanitary sewer manholes and sewer lines found to be in poor condition during the system wide survey started in 2006. Financing will be provided from \$510,00 in general obligation bonds and \$7,400 in investment earnings.

In August 2004, the County received a Notice of Violation/Notice of Claim from the Wisconsin Department of Natural Resources (WDNR) stating that Milwaukee County was in violation of the general permit for Bypasses or Overflows from Sewage Collection Systems (WI-0047341-03).

In January 2005 the County (as one of 28 defendants) received the proposed stipulated settlement from the State Attorney General's office. The stipulation required specific actions from the defendants in order to avoid sanctions. Milwaukee County, as a member of the Milwaukee Metropolitan Sewage District (MMSD)-Technical Advisory Team, worked with representatives from the other communities over the next year to reach a stipulated agreement. A signed copy of the stipulated agreement was issued in 2006. The goal of the stipulated settlement requires municipalities to improve the condition of their sanitary sewer facilities to minimize the inflow and infiltration of clear water into the sanitary sewer system. A reduction of clear water in the system reduces the amount of sewage that needs to be treated and reduces the incidence of sewer backups and overflows.

In accordance with the stipulated settlement, several actions were undertaken in 2007 to organize the County's sanitary sewer database and inspect the condition of manholes and pipes. The County has met the dates required by the stipulated settlement for preparation of a Sanitary Sewer Evaluation Survey (SSES) and for rehabilitation of the tops of the manholes – replace lids, rebuild chimneys, install seals and adjust manhole rims to a proper grade. This was completed in 2007.

The stipulated agreement requires rehabilitation of the deficiencies identified in the SSES be completed by the end of 2009. The remaining deficiencies involve the lower portions of the manholes and deteriorated piping. Work on remaining rehabilitation began for Parks facilities in 2007. Parks sanitary facilities will be completed in the first half of 2008. Work will continue systematically on the remaining department's sanitary facilities in 2008 and be finished by the end of 2009.

The stipulated agreement also requires continued evaluation/inspection of the sanitary sewer system every five years. Annual operating and maintenance activities will continue on an ongoing basis.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

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SECTION 5
DEPARTMENT OF PARKS, RECREATION & CULTURE

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP057	Project Title and Location Dog Park Phase II	4789-2009
Requesting Department or Agency Parks, Recreation & Culture		Functional Group Parks, Recreation & Culture
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$117,895				\$117,895
2008					\$0
2009	\$248,400				\$248,400
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$366,295	\$0	\$0	\$0	\$366,295

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$29,600		\$29,600
Construction & Implementation	\$117,895	\$218,800		\$336,695
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$300		\$300
DPW Charges		\$27,300		\$27,300
Capitalized Interest		\$6,400		\$6,400
Park Services				\$0
Disadv. Business Serv.		\$2,000		\$2,000
Buildings/Structures	\$0			\$0
Land/Land Improvements	\$117,895	\$212,400		\$330,295
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$117,895	\$248,400	\$0	\$366,295

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$244,800
Airport Reserve	
Investment	\$3,600
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$248,400

Cost Estimates Prepared By

DPW Review By

Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$117,895
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$117,895
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP057 – Dog Park Phase II

An appropriation of \$248,400 is budgeted, including \$6,400 of capitalized interest, for planning and construction of County operated Dog Exercise Areas. Financing will be provided by \$244,800 in general obligation bonds and \$3,600 in investment earnings.

This project consists of constructing two or three Exercise Areas around Milwaukee County. The specific sites will be reviewed in a public informational meeting. The Dog Exercise Areas will use three types of models for the Dog Exercise Areas depending on the site location and project components that are bond eligible. The three types are listed below.

- Neighborhood Dog Park - This type of dog park consists of approximately ½-1 acre in size. The park will provide a double gating system, a small fenced area for small dogs and a larger space for the socialized dogs to interact.
- Community Dog Park - This type of dog park requires 3-8 acres and will provide a double gating system, a small fenced area for small dogs and a larger space for the socialized dogs to interact.
- Regional Dog Park - This type of dog park requires 10-15 acres and will provide a double gating system, a large fenced area for small dogs and a approximately 10-14 acres for the socialized dogs to interact.

Additional amenities such as lighting, restrooms and park shelters are not included. Maintenance of the Dog Exercise Areas will include weekly mowing of the paths and common areas and placement of wood mulch on the heavily worn paths. Portions of the site will periodically be mowed to maintain open space and reduce unwanted woody species from growing.

To offset the operational cost of the Dog Exercise Areas, revenue will be generated through the sale of dog permits through daily and annual permits. Dog Exercise Area users will be provided the necessary registration forms and materials through an on-site kiosk. This form of self-registration will rely on the honor system, with Parks staff providing periodic verification of permits on location.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP069	Project Title and Location Countywide Play Area Redevelopment Program	4789-2009
Requesting Department or Agency Parks		Functional Group
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$596,666				\$596,666
2008	\$403,273	\$21,205			\$382,068
2009	\$1,904,400				\$1,904,400
2010	\$2,970,400				\$2,970,400
2011	\$1,715,500				\$1,715,500
2012	\$750,000				\$750,000
2013	\$750,000				\$750,000
SUBSEQUENT					\$0
TOTAL	\$9,090,239	\$21,205	\$0	\$0	\$9,069,034

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$105,777	\$308,330		\$414,107
Construction & Implementation	\$790,271	\$1,596,070	\$6,185,900	\$8,572,241
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$103,891			\$103,891
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$26,000	\$185,000		\$211,000
DPW Charges	\$46,550	\$123,330		\$169,880
Capitalized Interest	\$22,800	\$49,400		\$72,200
Park Services	\$55,567			\$55,567
Disadv. Business Serv.	\$2,000	\$5,000		\$7,000
Buildings/Structures				\$0
Land/Land Improvements	\$743,131	\$1,541,670	\$6,185,900	\$8,470,701
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses	\$103,891			\$103,891
Total Project Cost	\$999,939	\$1,904,400	\$6,185,900	\$9,090,239

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$1,877,200
Airport Reserve	
Investment	\$27,200
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$1,904,400

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$507,772
2008 Expenditures	\$112,528
Total Expenditures to Date	\$620,300
Encumbrances	\$249,489
Available Balance	\$130,150

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENT MILWAUKEE COUNTY

WP069 - Countywide Playground Replacement Program

An appropriation of \$1,904,400 is budgeted to continue the replacement of aged, noncomplaint countywide playground equipment, impact-attenuating safety surfacing in the playgrounds, and park infrastructure impacted by the construction of the playgrounds. Financing will be provided from \$1,877,200 in general obligation bonds and \$27,200 in investment earnings.

In 1998, the Department of Parks, Recreation and Culture (Parks) presented to the County Board of Supervisors a Playground Equipment Condition Assessment Report. This report inventoried, evaluated, and prioritized needed playground equipment replacements based on the existing condition, level of safety, and ability to enhance the overall park site(s). The report, adopted by the County Board of Supervisors, included a Playground Environment Classification System. This report provides the methodology for determining the size and type of the children's play environment (CPE) to be provided in a specific park site. The CPEs are classified as Class 1, 2, 3, or 4. Class-1 CPEs are provided at large regional parks, Class-2 CPEs are provided at community parks, Class-3 CPEs are provided at neighborhood parks, and Class-4 CPEs are provided at warranted parkway sites.

Since 1998, the Countywide Playground Replacement Program has received approximately \$5.20 million for the replacement and improvement of aged, noncompliant playgrounds listed and prioritized in the 1998 report. This has enabled 63 playgrounds to be renovated, thus satisfying national playground safety performance specifications and the Americans with Disabilities Act public playground accessibility requirements.

In 2002, Parks conducted a condition re-assessment and safety audit of each of the 112 playgrounds in the Park System. The resultant condition assessment report, submitted to the County Board in July 2003, ranked each playgrounds based on a grading system of "A" (excellent) to "F" (poor). After the 2008 construction season, a total of eleven (11) playgrounds rated "D+" and lower (based on a 2008 review) will remain in the Park System.

The most current 2009 cost estimate for construction of a Class-1 CPE is \$295,000, a Class-2 CPE is \$200,000, a Class-3 CPE is \$150,000, and a Class-4 CPE is \$80,000.

For 2009, \$1,855,000, excluding capitalized interest, is budgeted to replace ten (10) of the eleven (11) playgrounds with a condition rating of "D+" and lower.¹ The table below lists the playgrounds that will be replaced in 2009:

<u>Park Site</u>	<u>Condition</u>	<u>CPE Class</u>	<u>Installed</u>	<u>Age</u>
Baran	D-	3	1990	18
West Milwaukee	D-	3	1991	17
Froemming	D	3	1992	16
Scout Lake	D	2	1990	18
Armour	D	3	1993	15
McCarty	D+	2	1991	17
Wyrick	D+	3	1993	15
King Center	D+	2	1993	15
Mitchell	D+	2	1993	15
Atkinson	D+	3	1992	16

¹ The Southwood Glen playground was installed in 1989 and has a condition grade of "D." The playground is leased to the Franklin School District until 2012. The Franklin School District is responsible for day-to-day and minor maintenance. It is not budgeted for redevelopment at this time to allow Parks time to work with the Franklin School District to coordinate the playground development with the conditions of the lease.

2009 RECOMMENDED CAPITAL IMPROVEMENT MILWAUKEE COUNTY

WP069 - Countywide Playground Replacement Program (Continued)

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Parks staff will be responsible for overall project planning and management. Specialized consultants will be retained as needed. Private contractors supervised by Parks staff will complete project construction.

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2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP105	Project Title and Location David Schulz Aquatic Center at Lincoln Park	4789-2009
Requesting Department or Agency Parks, Recreation and Culture		Functional Group Transportation
Department Priority	Person Completing Form Jim Ciha	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,152,829				\$1,152,829
2008	\$1,131,404				\$1,131,404
2009	\$5,368,400				\$5,368,400
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$7,652,633	\$0	\$0	\$0	\$7,652,633

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$1,136,700			\$1,136,700
Construction & Implementation	\$1,131,404	\$5,368,400		\$6,499,804
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$16,129			\$16,129
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$29,500		\$29,500
DPW Charges		\$19,666		\$19,666
Capitalized Interest	\$111,900	\$138,900		\$250,800
Park Services				\$0
Disadv. Business Serv.	\$12,000	\$21,200		\$33,200
Buildings/Structures	\$1,044,204	\$5,159,134		\$6,203,338
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses	\$1,116,129			\$1,116,129
Total Project Cost	\$2,284,233	\$5,368,400	\$0	\$7,652,633

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$5,292,000
Airport Reserve	
Investment	\$76,400
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$5,368,400

Cost Estimates Prepared By Jim Ciha	DPW Review By
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Project Useful Life (Years)	30
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Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$251,168
2008 Expenditures	\$270,813
Total Expenditures to Date	\$521,982
Encumbrances	\$2,293,050
Available Balance	(\$530,799)

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP105 - David Schulz Aquatic Center at Lincoln Park

An appropriation of \$5,368,400 is requested to continue construction of the David Schulz Aquatic Center at Lincoln Park. Financing will be provided from \$5,292,000 in general obligation bonds and \$76,400 in investment earnings.

In 1995, a study by the Center of Urban Initiatives and Research (CUIR) and the University of Wisconsin-Milwaukee (UWM) recommended the Department of Parks, Recreation, and Culture (Parks) implement the following actions: close one pool, establish two aquatic centers, and construct two splash pads. The subsequent aquatic study and master plan, conducted from 1999 to 2001 by Water Technologies and CUIR, recommended that an aquatic center be constructed in the north region of Milwaukee County. Lincoln Park was chosen for the north region aquatic center site. The north region aquatic center has been named the David Schultz Aquatic Center (aquatic center).

The aquatic center will be constructed west of the Blatz Pavilion in Lincoln Park. Planning and design was completed in the June of 2008. Construction is scheduled to be completed in May of 2009, which will allow the aquatic center to open for the 2009 pool season. A portion of the Blatz Pavilion will also be renovated to provide a concession kitchen, lifeguard locker rooms, and administrative offices. It is anticipated the following amenities will be included in the aquatic center:

- Zero Depth to 5-Foot Pool

Construction of a new pool will include: footing and foundations, pool gutters, circulation system, deck drains, filtration systems, pumps and electrical control equipment, filter rooms, heat exchangers, concrete deck surrounding the pool and lazy river, public address system, music systems, security lighting system and planting. The pool improvements will include the installation of lifeguard stands, handrails, and steps. A new perimeter fence will be installed to provide security for the aquatic center.

- Lazy River

A lazy river will be constructed as a part of the aquatic center amenities. A lazy river is a water ride used as an attraction for many water recreation facilities. The “lazy” description refers to the slow current of the shallow pool, which is similar to a slow flowing river. The lazy river will serve as the bottom for the enclosed tube waterslide and body waterslide that are described in the paragraph below. A similar mechanical/filtration system is required for the zero depth pool and will be constructed for the lazy river.

- Enclosed Tube Waterslide and Body Waterslide

The tube and body slide structures are molded plastic or fiberglass enclosed slides that use water and vertical changes in grade to propel the pool user down the slide. The slide is composed of a structure that supports the slide, staircase to the slide access point, and a pumping system that supplies water to the top of the slide. A splash down pool is provided at the bottom of the slide(s) that continue into the lazy river.

- Diving Well

The constructed deep well pool will have two diving boards. The pool consists of four concrete walls and finished base floor.

- Interactive Water Toys

The play area will be equipped with water piping and a pumping system to circulate water to the interactive water play toys. These toys will stream pressurized water in various directions.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP105 - David Schulz Aquatic Center at Lincoln Park (Continued)

- Lap Lanes

Traditional swimming lanes that are four to five feet deep attached to the zero depth pool will be constructed.

- Sun Turf

There will be two grass areas with small hills for park patrons to use for sunbathing.

- Concessions

A concession area will be included within the aquatic center with the concession kitchen located in the Blatz Pavilion.

- Small Reservable Party Spaces

Designated spaces will be reservable for parties and gatherings.

- New Bathhouse

A new bathhouse will be constructed with changing areas, showers, restroom facilities, and pool equipment rooms. Two family changing rooms will also be provided.

- Stormwater Management Rain Garden

A rain garden will be constructed to facilitate the detention and treatment of stormwater runoff from the aquatic center site.

- Play Area

The existing play area will be redeveloped as a part of the County's holistic capital approach outlined below. The play area will be reconstructed to meet national playground safety performance specifications and the Americans with Disabilities Act public playground accessibility requirements.

Pilot Project for Holistic Capital Approach

Beginning in 2009, Milwaukee County will implement a holistic approach to improving its infrastructure. This approach will be more fully developed in 2010 and future years. The goal of the holistic approach is to implement improvements to entire buildings and sites. The goal of which, is to more efficiently and effectively address the County's backlog of capital improvements. (See "Introduction on page 1 for details on the holistic approach.)

The County has implemented extensive improvements to Dineen and Lincoln Parks, making them ideal candidates for the holistic approach.

Upon completion, the Schulz Aquatic Center capital improvements (outlined above) will address the majority of the building improvements at Lincoln Park. The remaining building and site improvements in Lincoln Park consist of capital improvements and operating major maintenance improvements to the Announcer's Booth, Bathhouse, Comfort Station Ball Diamond, Emil Blatz Recreation Building, Pump Building, Park Service Building, Picnic Shelter/Comfort Building, tennis courts, walkways, and parking lots.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP105 - David Schulz Aquatic Center at Lincoln Park (Continued)

The Department of Transportation and Public Works (DTPW) and Parks Department will reassess the remaining building and site improvements. Based on their assessment, DTPW will then provide cost estimates and project schedules. The Department of Administrative Services – Fiscal Affairs (DAS) utilized cost estimates from DTPW (via the Vanderwiel Facility Advisors report) and Parks, in order to determine the \$1.2 million estimate outlined in the 2009-2013 Five Year Capital Improvements Plan.

DAS will work with Parks to design a maintenance program that will address the operating major maintenance building and site improvements. The success of the holistic approach is dependent upon coordination between the capital and maintenance plans. Once the parks have been redeveloped, routine major maintenance must be performed by the Parks Department.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archaeological surveys, soils investigations, material testing, environmental testing, construction surveying, construction inspection, construction management, etc. as required.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP167	Project Title and Location Parks Countywide Restroom Renovations	4789-2009
Requesting Department or Agency Parks, Recreation and Culture		Functional Group Parks, Recreation & Culture
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$559,440				\$559,440
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$559,440	\$0	\$0	\$0	\$559,440

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$90,010		\$90,010
Construction & Implementation		\$469,430		\$469,430
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges		\$84,970		\$84,970
Capitalized Interest		\$14,400		\$14,400
Park Services				\$0
Disadv. Business Serv.		\$5,040		\$5,040
Buildings/Structures		\$455,030		\$455,030
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$559,440	\$0	\$559,440

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$551,440
Airport Reserve	
Investment	\$8,000
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$559,440

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP167 –Parks Countywide Restroom Renovation Program

An appropriation of \$559,440, including \$14,400 in capitalized interest, is budgeted to renovate six of the restrooms within the Milwaukee County Parks System. Financing will be provided from \$8,000 in investment earnings and \$551,440 in general obligation bonds.

The Parks, Recreation and Culture Department (Parks Department) conducted an inspection and evaluation of its restrooms that are open to the public and subsequently submitted a report to the County Board of Supervisors in June of 2008 on the condition of the restrooms. The inspection and evaluation focused on 144 restrooms and ranked them from 1-5, with 1 indicating the least favorable conditions and 5 indicating the most favorable condition. These rankings were then used to develop a grading system for the restrooms. The grading system translates the 1-5 ranking to a standard “A” to “F” grading system. For instance, a ranking of 1 translates to a grade of “A.” The table below defines the ranking and grading criteria used to evaluate the conditions of the restrooms.

<u>Ranking</u>	<u>Grade</u>	<u># of Restrooms</u>	<u>Description</u>
1	F	11	The restroom facility warrants immediate attention. The restroom facility is not fit for public use. The restroom facility is dilapidated and in desperate need of repairs.
2	D	32	The restroom facility represents a substandard facility or item found during inspection. Parts of the facility may be operational, but the majority is unserviceable.
3	C	25	The restroom facility has some discrepancies such as cracked floors; loose or missing tile; faucets that do not work; toilets that function, but are cracked or loose.
4	B	53	The restroom facility has few operational deficiencies and is considered usable by the public in its current state.
5	A	23	The restroom facility is 100 percent operational. Sinks, toilets, urinals, hand dryers, windows, partitions, floors, lighting, walls and entryways are free from structural and/or operational deficiencies and meet Americans with Disabilities Act (ADA) requirements.
		144	Total

The final results reflect that 23 restrooms have a grade of “A,” 53 with a grade of “B,” 25 with a grade of “C,” 32 with a grade of “D,” and 11 with a grade of “F.” Although, the majority of the restrooms (53 percent) are graded “B” or better, the remaining facilities clearly need to be addressed.

The Parks Department submitted a follow up report to the County Board that further identified the location of the restrooms with an “F” grade and an accompanying costs estimate.

The Parks Department requested costs estimates from the Department of Transportation and Public Works (DTPW) for the restrooms. However, the request was made during the timeframe that DTPW was preparing cost estimates for the 2009 budget process. Therefore, the restroom cost estimates were limited to the lowest ranked (i.e. restrooms with a grade of “F”) restroom facilities only.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WP167 –Parks Countywide Restroom Renovation Program (Continued)

This project creates the Parks Countywide Restroom Renovation Program, which will involve the renovation of six of the 11 “F” grade restrooms. The renovations will consist of the replacement of the existing windows, interior ceiling, walls and floor materials, plumbing, mechanical, electrical, roofing, and ADA accessibility work as required by building code. The designated restrooms located in Juneau Park and Simmons Field will be demolished and replaced with pre-fabricated restrooms.

<u>Park Countywide Restrooms</u>	<u>Amount</u>
Clarke Square	\$104,760
Juneau	\$112,380
South Shore	\$88,920
Tippecanoe	\$96,960
Saveland Park	\$81,120
Simmons Field (baseball field)	\$55,860
Total*	<u>\$540,000</u>

*The total amount excludes capitalized interest.

The 2009 appropriation is designated to renovate the restrooms listed above. The Parks Department is permitted to use any surplus 2009 funds to address the remaining five restrooms located in the following parks: Greenfield Park Picnic Shelters 3 and 5, Greenfield Park Golf Course - 15th Tee, Zablocki Park Service Building and Humboldt Park Service Building. The Parks Department must communicate, in writing, any surplus 2009 funds to the Department of Administrative Services prior to incurring any costs for the renovation or replacement of the restrooms.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

SECTION 6
MUSEUM

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WM005	Project Title and Location Museum Air Handling and Piping Replacement	4789-2009
Requesting Department or Agency Milwaukee Public Museum		Functional Group
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008	\$572,038				\$572,038
2009	\$853,700				\$853,700
2010	\$825,000				\$825,000
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$2,250,738	\$0	\$0	\$0	\$2,250,738

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$58,938	\$143,600	\$135,000	\$337,538
Construction & Implementation	\$513,100	\$710,100	\$690,000	\$1,913,200
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$186,600	\$82,560	\$80,000	\$349,160
DPW Charges	\$123,160	\$55,040	\$55,000	\$233,200
Capitalized Interest	\$24,100	\$22,100		\$46,200
Park Services				\$0
Disadv. Business Serv.	\$5,000	\$6,000		\$11,000
Buildings/Structures	\$233,178	\$688,000	\$690,000	\$1,611,178
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$572,038	\$853,700	\$825,000	\$2,250,738

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$841,500
Airport Reserve	
Investment	\$12,200
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$853,700

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	\$8,409
Total Expenditures to Date	\$8,409
Encumbrances	\$7,230
Available Balance	\$556,399

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WM005 – Museum Air Handling and Piping Replacement – Phase 2

An appropriation of \$853,700, including \$22,100 in capitalized interest, is budgeted for continued renovations to the Heating Ventilation and Air Conditioning systems serving exhibition and artifact storage areas of the Milwaukee Public Museum (MPM). Financing will be provided from \$841,500 in general obligation bonds and \$12,200 in investment earnings.

The mechanical systems at the MPM are from six to 40 years old and require replacement. The 2009 appropriation will provide for the continued replacement of supply and return valves for the heating and cooling lines, replacement of worn or corroded supply and return piping in the main runs from the basement to the ninth floor and replacement, balancing and sizing of all ductwork for the proper distribution of air flow that will allow specified temperature and humidity levels.

Currently, the Museum's HVAC system can only operate at 50 percent of capacity as the display windows on a number of exhibits begin to vibrate, at higher operational levels. Operation beyond 50 percent would eventually cause the glass to crack and break. Without the HVAC at 100 percent, the building is not fully pressurized, which could result in dust and heat/cold infiltration into the building. Moreover, the HVAC piping has severely corroded in a number of "jointed" areas making patches/repairs to these areas difficult. The proposed improvements to the piping would allow for larger diameter pipes.

Phase 1 of the project began in 2008 with planning and design of the project and installation of a new 100-ton chiller at a cost of \$827,860. The 2009 appropriation of \$831,600, excluding capitalized interest, is projected for completion in 2010 at an estimated cost of \$825,000.

In June of 2007, the County Board approved a recovery plan for MPM that included a County commitment to appropriate \$4,000,000 for mutually agreed upon capital improvements from 2005 through 2012. For further information on the Recovery Plan, please refer to Org. Unit 9700 in the 2009 Operations Budget. To date, the County has appropriated \$1,629,360, including the 2009 appropriation. The remaining commitment totals \$2,370,640.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WM009	Project Title and Location Museum Roof Replacement	4789-2009
Requesting Department or Agency Transportation and Public Works		Functional Group Parks, Recreation & Culture
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$189,169				\$189,169
2008					\$0
2009	\$121,900				\$121,900
2010	\$557,000				\$557,000
2011	\$557,000				\$557,000
2012	\$557,000				\$557,000
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$1,982,069	\$0	\$0	\$0	\$1,982,069

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$121,900		\$121,900
Construction & Implementation	\$189,169		\$1,671,000	\$1,860,169
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$96,460		\$96,460
DPW Charges		\$21,540		\$21,540
Capitalized Interest		\$3,200		\$3,200
Park Services				\$0
Disadv. Business Serv.		\$700		\$700
Buildings/Structures	\$189,169		\$1,671,000	\$1,860,169
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$189,169	\$121,900	\$1,671,000	\$1,982,069

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$120,100
Airport Reserve	
Investment	\$1,800
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$121,900

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$43,558
2008 Expenditures	
Total Expenditures to Date	\$43,558
Encumbrances	
Available Balance	\$145,611

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WM009 – Milwaukee Public Museum Roof Replacement Planning and Design

An appropriation of \$121,900, including \$3,200 in capitalized interest, is budgeted for to investigate, plan, and design the replacement of roofs at the Milwaukee Public Museum (MPM). MPM facilities management staff has documented and reported roof leaks in various locations in the building. The tower roof (north, south, west) leaks were cited by museum facilities managers as typical of reoccurring roof leaks throughout the building. Financing will be provided from \$120,100 in general obligation bonds and \$1,800 in investment earnings.

Patching and repairing the roofs is no longer an effective strategy to prevent ceiling leaks over the displays and artifacts in the building.

This roof replacement project will involve retaining a consultant to survey the roofs, investigate and locate the leaks and other unidentified faults and prescribe sustainable, environmentally sensible solutions. The prescribed solution will eliminate the leaks and extend the life of the building. If the analysis results in a decision not to proceed with the replacement of the roofs, the costs for investigating the roofs would have to be financed through the operating budget of the Museum.

The roofing consultant will assist the Department of Transportation and Public Works in preparing bid documents and develop cost estimates and a replacement schedule for the north, south, and west roofs. The east roof was replaced in 2007. The preliminary replacement schedule would address a roof each year for the years 2010 through 2012. The total construction costs estimate for the roof replacements is \$1,671,000.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

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SECTION 7
ZOO

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WZ014	Project Title and Location Zoo Infrastructure Improvements	4789-2009
Requesting Department or Agency Zoological Department		Functional Group Parks, Recreation & Culture
Department Priority	Person Completing Form Sue Rand	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$3,311,369		\$50,141		\$3,261,228
2008	\$146,205				\$146,205
2009	\$639,953				\$639,953
2010	\$1,876,793				\$1,876,793
2011	\$1,500,000				\$1,500,000
2012	\$1,500,000				\$1,500,000
2013	\$1,500,000				\$1,500,000
SUBSEQUENT					\$0
TOTAL	\$10,474,320	\$0	\$50,141	\$0	\$10,424,179

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$873,783	\$0	\$6,000,000	\$6,873,783
Construction & Implementation	\$192,205	\$639,953	\$376,793	\$1,208,951
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$2,391,586			\$2,391,586
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$25,300	\$16,593	\$37,679	\$79,572
DPW Charges	\$149,819	\$18,077	\$25,118	\$193,014
Capitalized Interest	\$35,300	\$16,600		\$51,900
Park Services				\$0
Disadv. Business Serv.	\$8,610	\$1,500		\$10,110
Buildings/Structures	\$598,376	\$587,183	\$313,996	\$1,499,555
Land/Land Improvements	\$147,500			\$147,500
Roadway Plng & Construction				\$0
Equipment & Furnishings	\$101,083			\$101,083
Other Expenses	\$2,391,586		\$6,000,000	\$8,391,586
Total Project Cost	\$3,457,574	\$639,953	\$6,376,793	\$10,474,320

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$630,553
Airport Reserve	
Investment	\$9,400
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$639,953

Cost Estimates Prepared By Philip Hung	DPW Review By Greg High
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Project Useful Life (Years)	20
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Project Fiscal Status

Prior Year Expenditures	\$2,007,937
2007 Expenditures	\$1,033,020
2008 Expenditures	\$355,165
Total Expenditures to Date	\$3,396,122
Encumbrances	\$8,810
Available Balance	\$52,642

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	
Complete Preliminary Plans	Various
Complete Final Plans & Specifications	Various
Begin Construction	Various
Complete Construction	Various
Scheduled Project Closeout	Various

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WZ014 – Zoo Infrastructure Improvements

An appropriation of \$639,953 is budgeted in 2009, including \$16,600 in capitalized interest, for capital improvement projects at the Zoo. Financing will be provided from \$630,553 in general obligation bonds and \$9,400 in investment earnings.

In recent years, the level of major maintenance appropriations in the operating budget has limited the Zoo's ability to preserve the proper level of equipment, building upkeep and preventative maintenance that is required for these facilities. Serving approximately 1.35 million visitors per year, the Zoo's equipment and structures require ongoing repair and maintenance.

A multi-year, intensive infrastructure renovation project was started in 1990. This capital project comprises a group of major maintenance appropriations to provide the proper level of equipment and building maintenance required for these facilities. Infrastructure improvements for 2009 total \$623,353 (excluding capitalized interest) and include the following priorities:

1.	Primate House Roof Replacement	\$ 338,000
2.	Family Farm Transformer	\$ 67,917
3.	Goat Barn Transformer	\$ 48,718
4.	Australian Building Roof Repairs	\$ 120,000
5.	Drive In Admission Booth Transformer	<u>\$ 48,718</u>
Total		\$ 623,353*

*This amount excludes capitalized interest.

1.) Primate House Skylight & Roof Replacement – Leakage is occurring inside the building around the skylights and the plaster in the ceiling is absorbing the water from the leakage, which is causing the ceiling tile to dislodge. There is also leakage in the bathroom and break room of the building as well as an interior stairwell. The roof itself has significant wear-and-tear with large swaths of vegetation growing and rooted in it. There are also "spongy" areas underneath the "built-up" portion of gravel and tar suggesting that water is collecting in the area and causing the plaster to deteriorate and metal components of the skylights to corrode. In order to correct these deficiencies, the entire roof will be replaced.

2.) Family Farm Transformer – Replacement of the (oil) leaking electrical transformer and tilted pad at the Family Farm. The existing transformer is obsolete and needs replacement as the fuses are no longer available for purchase. Therefore, if the transformer fails, the entire unit would have to be replaced with a refurbished unit that still uses fuses, and would be subject to the same type of failure. This subproject provides for the purchase of a new transformer that has available parts and maintenance.

3.) Goat Barn Transformer – Replacement of electrical transformer at the Goat Barn that also services the picnic areas. The existing transformer is obsolete and needs replacement as the fuses are no longer available for purchase. Therefore, if the transformer fails, the entire unit would have to be replaced with a refurbished unit that still uses the obsolete fuses, and would be subject to the same type of failure. The current unit also has a severe oil leak (oil acts as a coolant) wherein the oil collects around the transformer unit and is a life and safety issue. This subproject provides for the purchase of a new transformer that has parts and maintenance that can be supported.

4.) Australian Building Replacement – Numerous leaks have occurred with the "built-up" roof that was constructed in 2004. The remedy requires patching and repairing of sections of the roof that are currently experiencing leaking problems. However, as the leaking sections of the roof are repaired, there is a high probability that other sections will begin to leak in the very near future. It is more cost effective to replace the roof rather than providing piecemeal repairs as roofing sections fail and would have to be replaced.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WZ014 - Zoo Infrastructure Improvements (Continued)

5.) Drive In Admission Booths Transformer – The existing transformer is obsolete and needs replacement as the fuses are no longer available for purchase. Therefore, if the transformer fails, the entire unit would have to be replaced with a refurbished unit that still uses fuses, and would be subject to the same type of failure. This subproject provides for the purchase of a new transformer that has available parts and maintenance.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

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2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WZ029	Project Title and Location Zoo Special Exhibit Building Metal Roof Replacement	4789-2009
Requesting Department or Agency Zoological Department		Functional Group Parks, Recreation & Culture
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$368,577				\$368,577
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$368,577	\$0	\$0	\$0	\$368,577

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$61,496		\$61,496
Construction & Implementation		\$307,081		\$307,081
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$35,698		\$35,698
DPW Charges		\$23,798		\$23,798
Capitalized Interest		\$9,600		\$9,600
Park Services				\$0
Disadv. Business Serv.		\$2,000		\$2,000
Buildings/Structures		\$297,481		\$297,481
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$368,577	\$0	\$368,577

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$363,277
Airport Reserve	
Investment	\$5,300
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$368,577

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WZ029 – Zoo Special Exhibit Building Metal Roof Replacement

An appropriation of \$368,577, including \$9,600 in capitalized interest, is budgeted for the replacement of the metal roof on the Zoo's Special Exhibit Building. Financing will be provided from \$363,277 in general obligation bonds and \$5,300 in investment earnings.

The roof is at the end of its useful life and requires replacement to preserve the existing building structure. Rubber washers have deteriorated and water infiltration is severe in the majority of the ceiling tiles and in the insulation. A number of tiles/insulation are waterlogged and sagging, which is a safety issue if the tiles/insulation fall from the ceiling. In addition, mold build-up from the wet tiles/insulation also presents a life and safety issue.

The project includes the removal of the existing roof and gutters, the installation of insulation, sheet metal ice guards, rubber membrane, metal roof as well as gutters, and the raising of the roof top units to allow for proper installation of flashing.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WZ601	Project Title and Location Point of Sale Replacement	4789-2009
Requesting Department or Agency Zoo		Functional Group
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$1,026,700				\$1,026,700
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$1,026,700	\$0	\$0	\$0	\$1,026,700

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$1,026,700		\$1,026,700
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest		\$26,700		\$26,700
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings		\$975,000		\$975,000
Other Expenses		\$25,000		\$25,000
Total Project Cost	\$0	\$1,026,700	\$0	\$1,026,700

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$1,012,000
Airport Reserve	
Investment Earnings	\$14,700
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$1,026,700

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WZ601 – Point of Sale System

An appropriation of \$1,026,700, including \$26,700 in capitalized interest, is budgeted for replacement and improvement of the current Point of Sale system (POS). Financing will be provided from \$1,012,000 in general obligation bonds and \$14,700 in investment earnings.

The Zoo's current POS equipment is at the end of its useful life on December 31, 2008. Register response time is slow resulting in customer service delays. Equipment failure is common and creates a significant strain on operations. During the Zoo's busy season, the department may have six or more registers out of service, which in turn, reduces the Zoo's volume of admissions, merchandise, and food/beverage sales.

In addition, with the current POS system, it is difficult to segregate the different types of customers (for example members versus non-members) and track their usage patterns. The current POS system lacks tools for researching cash drawer discrepancies, requiring retrieval of detailed transaction data by individual check. Analytical Admission reports do not exist since the system is concession oriented. Reports downloaded to Excel generally require major formatting changes to be useful.

The Zoo expects to replace the current system with one that manages and tracks member privileges, and allows on-line purchases of Admissions, Attractions, Gift/Loyalty Cards, and Events. It will also be used to obtain donations for targeted areas of the Zoo.

Some of the POS requirements for the Zoo Admissions include ability to purchase tickets on-line, speed up transaction response time, and allow for pre-registration of community and educational groups resulting in improved customer service and reduced waiting lines at the Admission Gates. In addition, self-serve kiosks, stored value/gift cards, expanded connectivity, and targeted sales analysis reports will be utilized to improve the visitor experience and Zoo revenues. Related systems include Event Management for Group Sales Events. An enhanced event management system will improve customer communications and tracking of sales as well as accounts receivable information. An enhanced inventory system will expedite effective tracking of inventory not only for Concession and Novelty venues but the Animal Food and Group Sales areas.

The Zoo estimates that the enhanced POS system will generate a new revenue stream of \$300,000. On-line purchases and donations will expand the Zoo's options for increasing revenues in a competitive attraction market, including the capture of guest information for direct marketing strategies. Included with a new system, it is anticipated that Group Sales will be able to provide companies the ability to internally print uniquely bar-coded tickets for company picnics/events.

The Zoo will work with DAS-Fiscal to finalize the financing for the POS system. There may be components that are not eligible for bond financing and therefore, would have to be funded in the Zoo's Operating Budget.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

The Zoological Department staff will be responsible for overall project management. A \$25,000 labor cross-charge is included to cover Zoo Staff time when directly involved with the project. Specialized consultants will be retained as needed.

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SECTION 8
DHHS – BEHAVIORAL HEALTH DIVISION

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WE028	Project Title and Location Replace Nurse Call System	4789-2009
Requesting Department or Agency Behavioral Health		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$177,238				\$177,238
2008	\$240,092				\$240,092
2009	\$167,696				\$167,696
2010	\$81,648				\$81,648
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$666,674	\$0	\$0	\$0	\$666,674

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$38,871			\$38,871
Construction & Implementation	\$378,459	\$167,696	\$81,648	\$627,803
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$20,270	\$14,901		\$35,171
DPW Charges	\$18,601	\$12,315		\$30,916
Capitalized Interest	\$7,000	\$4,400		\$11,400
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures	\$371,459	\$136,080	\$81,648	\$589,187
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$417,330	\$167,696	\$81,648	\$666,674

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$165,296
Airport Reserve	
Investment	\$2,400
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$167,696

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$40,708
2008 Expenditures	
Total Expenditures to Date	\$40,708
Encumbrances	
Available Balance	\$376,622

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WE028 – Replace Nurse Call System

An appropriation of \$167,696 is budgeted, including capitalized interest of \$4,400 for construction to replace the nurse call system in the Mental Health Facility. Financing will be provided from \$165,296 of general obligation bonds and \$2,400 in investment earnings.

The Psychiatric Hospital patient unit nurse call systems are over 25 years old on five patient units. The original systems are no longer serviceable and no spare parts are available. BHD kept the replaced systems' circuit boards and parts for spare parts for the remaining original systems. There are presently no spare circuit boards of certain types available as spare parts. Nurse call systems are required by the state hospital and nursing home codes.

The County implemented a program to replace the nurse call systems at the Psychiatric Hospital in 2006. The 2009 appropriation is the third year of a four year program. The nurse call systems for twelve patient units have been replaced to date: two in the mid-1980's, six as a part of the program initiated in 2006, and four in 2008. The nurse call systems are capable of being transported to alternate locations, should a move to a different facility occur in the future. The final year of the replacement call system is anticipated to occur in 2010.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope with the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Health and Human Services – Behavioral Health Division staff will be responsible for project management. Specialized consultants will be retained as needed.

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SECTION 9
DEPARTMENT OF HEALTH & HUMAN SERVICES

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WS029	Project Title and Location Washington Park Sr Ctr - Cooling Tower Replacem	4789-2009
Requesting Department or Agency Aging		Functional Group Health & Human Services
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$47,188				\$47,188
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$47,188	\$0	\$0	\$0	\$47,188

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation		\$47,188		\$47,188
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$4,589		\$4,589
DPW Charges		\$3,059		\$3,059
Capitalized Interest		\$1,300		\$1,300
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$38,240		\$38,240
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$47,188	\$0	\$47,188

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$46,488
Airport Reserve	
Investment	\$700
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$47,188

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WS029 – Washington Park Senior Center Cooling Tower

An appropriation of \$47,188 is budgeted, including capitalized interest of \$1,300 for construction to replace the Washington Park Senior Center Cooling Tower. Financing will be provided from \$46,488 in general obligation bonds and \$700 in investment earnings.

In May of 2000, a Facility Condition Assessment Report by Michael's Engineering, Inc. found that the Washington Park Senior Center HVAC units were operating at 74 percent of air delivery and all exhaust fans were operating significantly less than capacity or not functional. The 2006 Adopted Capital Improvements Budget included \$278,000 for replacement of a new two unit HVAC system and one air conditioning unit for staff offices and conference rooms.

The replacement of a Cooling Tower will improve the quantity and quality of air delivery and increase the energy efficiency of the newly installed HVAC system at Washington Park Senior Center.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WS030	Project Title and Location Washington Park Sr Ctr - Repl Fire Alarm	4789-2009
Requesting Department or Agency Aging		Functional Group Health & Human Services
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$335,700				\$335,700
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$335,700	\$0	\$0	\$0	\$335,700

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$57,000		\$57,000
Construction & Implementation		\$278,700		\$278,700
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$32,400		\$32,400
DPW Charges		\$21,600		\$21,600
Capitalized Interest		\$8,700		\$8,700
Park Services				\$0
Disadv. Business Serv.		\$3,000		\$3,000
Buildings/Structures		\$270,000		\$270,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$335,700	\$0	\$335,700

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$330,900
Airport Reserve	
Investment	\$4,800
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$335,700

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WS030 – Washington Park Senior Center-Replace Fire Alarm System

An appropriation of \$335,700 is budgeted, including capitalized interest of \$8,700, for design and construction to replace the Fire Alarm System in the Washington Park Senior Center. Financing will be provided from \$330,900 in general obligation bonds and \$4,800 in investment earnings.

This project will furnish and install a new fire alarm system and upgrades to meet code standards. The new system will improve the deficiencies identified by the Vanderweil Facility Advisers (VFA), Inc., 2000 Facility Condition Assessment Report. The Washington Park Senior Center must upgrade existing sensing devices and install additional smoke and fire detection devices to cover a wider area within the Center in order to comply with the current fire codes.

Fire alarm systems have been replaced at Kelly, Rose and Wilson senior centers. After replacement of the Washington Park Senior Center, McGovern Park Senior Center will be the only senior center without an upgraded fire alarm system.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WS032	Project Title and Location Replace Coggs Center Variable Air Volume Boxes	4789-2009
Requesting Department or Agency Department of Health and Human Services		Functional Group Health & Human Services
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$854,962				\$854,962
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$854,962	\$0	\$0	\$0	\$854,962

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$142,127		\$142,127
Construction & Implementation		\$712,835		\$712,835
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$82,876		\$82,876
DPW Charges		\$55,251		\$55,251
Capitalized Interest		\$22,200		\$22,200
Park Services				\$0
Disadv. Business Serv.		\$4,000		\$4,000
Buildings/Structures		\$690,635		\$690,635
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$854,962	\$0	\$854,962

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$842,762
Airport Reserve	
Investment	\$12,200
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$854,962

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WS032 – Replace Coggs Center Variable Air Volume Boxes

An appropriation of \$854,962 is budgeted, including capitalized interest of \$22,200, for design and construction to replace the heating, ventilation and air conditioning (HVAC) systems throughout the Marcia P. Coggs Human Services Building (Coggs Center). Financing will be provided from \$842,762 in general obligation bonds and \$12,200 in investment earnings.

The replacement of the variable air boxes is needed to improve the regulation and control of heating, ventilation and cooling throughout the Coggs Center building. As a cost savings measure, many of the existing variable air volume (VAV) boxes were salvaged and rehabilitated when the last major building renovation was done in 2003. Most of that equipment is beyond its useful life and must be replaced with new equipment. Approximately 252 VAV boxes will have to be replaced and reheating coils will have to be installed in 167 additional VAV boxes in order to eliminate cold zones in some locations along the building perimeter.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

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SECTION 10
DPW – COUNTY GROUNDS

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WG012	Project Title and Location 1000 MG Waterspheroid (190' TCL) Tank	4789-2009
Requesting Department or Agency County Grounds		Functional Group Health & Human Services
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$444,600				\$444,600
2010	\$2,492,600				\$2,492,600
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$2,937,200	\$0	\$0	\$0	\$2,937,200

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$303,000	\$184,600	\$487,600
Construction & Implementation		\$141,600	\$2,308,000	\$2,449,600
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$200,000	\$92,600	\$292,600
DPW Charges		\$103,000	\$92,000	\$195,000
Capitalized Interest		\$11,600		\$11,600
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements		\$130,000	\$2,308,000	\$2,438,000
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$444,600	\$2,492,600	\$2,937,200

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$438,200
Airport Reserve	
Investment Earnings	\$6,400
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$444,600

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WG012 – Million Gallon Waterspheroid (190' TCL) Tank

An appropriation of \$444,600 is budgeted, including \$11,600 in capitalized interest, for planning and design of a one million gallon Waterspheroid (190' TCL) Tank on the Milwaukee County Grounds. Financing will be provided from \$438,200 in general obligation bonds and \$6,400 in investment earnings.

Currently, the County Grounds has two elevated water towers with a combined storage capacity of 1,500,000 gallons (500,000 gallons for the West Water tank and 1,000,000 gallons for the East Water tank). A recent analysis indicated that shortly after 2010, the projected averaged daily demand would exceed the current 1,500,000 million gallons of available elevated storage. The projected shortage is due to the increasing build-out at the Milwaukee County Grounds.

Approval of appropriations for this project for both design (2009) and construction (2010) would add a third water tower on the County Grounds. This project would increase storage capacity by 1,000,000 gallons and bring combined storage capacity for all three towers to 2,500,000 gallons. An appropriation request of \$2,492,600 will be submitted in 2010 for construction of the Waterspheroid Tank. Debt service costs for the issuance of general obligation bonds would be repaid through water service rates and charges to users.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

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SECTION 11
COURTHOUSE COMPLEX

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WC013	Project Title and Location CJF Pod Workstation Replacement	4789-2009
Requesting Department or Agency DPW - Courthouse Complex		Functional Group
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$62,832				\$62,832
2008					\$0
2009	\$205,400				\$205,400
2010	\$2,100,000				\$2,100,000
2011	\$1,000,000				\$1,000,000
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$3,368,232	\$0	\$0	\$0	\$3,368,232

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$62,832	\$0	\$0	\$62,832
Construction & Implementation		\$205,400	\$3,100,000	\$3,305,400
Right-of-Way Acquisition				\$0
Equipment			\$0	\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$62,832	\$100,000		\$162,832
DPW Charges		\$50,000		\$50,000
Capitalized Interest		\$5,400		\$5,400
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$50,000	\$3,100,000	\$3,150,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$62,832	\$205,400	\$3,100,000	\$3,368,232

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$202,400
Airport Reserve	
Investment Earnings	\$3,000
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$205,400

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$30,733
2008 Expenditures	\$285
Total Expenditures to Date	\$31,019
Encumbrances	
Available Balance	\$31,813

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC013 – CJF Pod Workstation Replacement

An appropriation of \$205,400 is budgeted, including \$5,400 in capitalized interest for design work related to the replacement of workstations inside the Criminal Justice Facility (CJF). Financing will be provided from \$202,400 in general obligation bonds and \$3,000 in investment earnings.

The workstation is the control center for all inmate cells within a pod. The deputy can control locks on the cells doors, intercom speakers, phones, etc. from the workstation. The workstation contains a computer for reporting and other needs, as well as cabinets to store inmate supplies such as toiletries. Replacement units will allow heavy duty secured storage and larger work areas. This project will also include replacing the current prisoner control system (Comtech).

Existing workstations have been in heavy use for sixteen years and are beyond economical repair. There are 16 pod workstations being replaced as well as the deputy stations in the Infirmary and Special Needs pods. In addition, 4 floor control workstations and the Master Control room will be updated for a total of 23 areas to be updated. This capital improvement project will be coordinated with WC042 – Install Doors and Plumbing in Pod 3D Cells.

This project will begin in 2009 and conclude in 2011. Appropriations to address construction are anticipated in 2010 and 2011. The construction schedule would address one pod at a time as each pod area containing inmates must be closed and the inmates relocated for the duration of the work.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WC023	Project Title and Location CH Complex Automation & Access Control Upgrade	4789-2009
Requesting Department or Agency DPW Facilities Management		Functional Group General Government
Department Priority 1	Person Completing Form Dave Schaning	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$565,370				\$565,370
2008					\$0
2009	\$804,916				\$804,916
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$1,370,286	\$0	\$0	\$0	\$1,370,286

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$88,665			\$88,665
Construction & Implementation	\$464,200	\$804,916		\$1,269,116
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$12,505			\$12,505
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$54,480	\$78,392		\$132,872
DPW Charges	\$32,685	\$52,260		\$84,945
Capitalized Interest	\$10,200	\$21,000		\$31,200
Park Services				\$0
Disadv. Business Serv.	\$1,500			\$1,500
Buildings/Structures		\$653,264		\$653,264
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings	\$454,000			\$454,000
Other Expenses	\$12,505			\$12,505
Total Project Cost	\$565,370	\$804,916	\$0	\$1,370,286

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$793,416
Airport Reserve	
Investment	\$11,500
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$804,916

Cost Estimates Prepared By Scott Smith	DPW Review By Greg High
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Project Useful Life (Years)	15
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Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$96,505
2008 Expenditures	\$436,365
Total Expenditures to Date	\$532,870
Encumbrances	\$19,047
Available Balance	\$13,453

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	
Complete Preliminary Plans	4/06
Complete Final Plans & Specifications	6/06
Begin Construction	8/06
Complete Construction	10/07
Scheduled Project Closeout	12/07

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC023 – Courthouse Complex Automation & Access Control Upgrade

An appropriation of \$804,916 is budgeted, including \$21,000 in capitalized interest, for construction to continue the upgrade of the Courthouse Complex and County Grounds access control system. Financing will be provided from \$793,416 in general obligation bonds and \$11,500 in investment earnings.

The intent of this project is to replace the existing card access system at the Milwaukee County Courthouse Complex, Children’s Court Building, West Wells Street Building, County Maintenance Building and the Criminal Justice Facility. The project will replace the outdated card access systems with new, state-of-the-art, systems while utilizing as much of the existing wiring and conduit infrastructure as possible. In addition, relocation of the ‘Security Management Server’ from the County Maintenance Building to the Courthouse is also included in this project.

Currently, the buildings for the County Grounds access and control system are networked together and the buildings for the Courthouse Complex access and control system are networked together. This project would link both of these complexes together and allow for consolidation of system maintenance.

A 2007 capital improvement project provided for an upgrade to the Honeywell head-end computers and the field panels that support HVAC and fire alarm control systems. The 2007 project will be constructed by the end of 2008.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the county Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WC025	Project Title and Location Courthouse Restroom Renovation	4789-2009
Requesting Department or Agency DPW Facilities Management		Functional Group General Government
Department Priority 7	Person Completing Form Dave Schaning	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$156,700				\$156,700
2008	\$166,290				\$166,290
2009	\$258,700				\$258,700
2010	\$265,000				\$265,000
2011	\$280,000				\$280,000
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$1,126,690	\$0	\$0	\$0	\$1,126,690

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$62,490	\$43,660		\$106,150
Construction & Implementation	\$258,800	\$215,040	\$545,000	\$1,018,840
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$1,700			\$1,700
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$16,080	\$25,001		\$41,081
DPW Charges	\$44,510	\$16,659		\$61,169
Capitalized Interest	\$9,800	\$6,700		\$16,500
Park Services				\$0
Disadv. Business Serv.	\$1,900	\$2,000		\$3,900
Buildings/Structures	\$249,000	\$208,340	\$545,000	\$1,002,340
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses	\$1,700			\$1,700
Total Project Cost	\$322,990	\$258,700	\$545,000	\$1,126,690

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$255,000
Airport Reserve	
Investment	\$3,700
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$258,700

Cost Estimates Prepared By Scott Smith	DPW Review By Greg High
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Project Useful Life (Years)	10
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Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$35,801
2008 Expenditures	\$107,725
Total Expenditures to Date	\$143,526
Encumbrances	\$88,676
Available Balance	\$90,788

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	
Complete Preliminary Plans	4/07
Complete Final Plans & Specifications	6/07
Begin Construction	9/07
Complete Construction	10/09
Scheduled Project Closeout	12/09

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC025 – Courthouse Restroom Renovation

An appropriation of \$258,700 is budgeted, including \$6,700 in capitalized interest, for design and construction to renovate existing restroom facilities located at the north end of the Sixth Floor of the County Courthouse. Financing will be provided from \$255,000 in general obligation bonds and \$3,700 in investment earnings

Past appropriations have updated other restrooms within the Courthouse to meet current building codes and ADA standards. The remaining restrooms to be updated include those located on the fifth, six and seventh floors of the Courthouse.

The 2009 project addresses the restrooms located on the north end of the Sixth floor of the courthouse that are not in compliance with current state and local building codes and the Americans with Disabilities Act (ADA) guidelines for public buildings. The 2009 appropriation will provide \$252,000 (excluding capitalized interest) to renovate these restrooms and bring them into compliance.

Anticipated appropriation requests for construction in 2010 and 2011 are \$265,000 and \$280,000, respectively.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval off the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WC027	Project Title and Location Courthouse Light Court Window Replacement	4789-2009
Requesting Department or Agency DPW		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$346,000				\$346,000
2010	\$1,008,050				\$1,008,050
2011	\$672,000				\$672,000
2012	\$672,000				\$672,000
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$2,698,050	\$0	\$0	\$0	\$2,698,050

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$113,000		\$113,000
Construction & Implementation		\$233,000	\$2,352,050	\$2,585,050
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$67,200		\$67,200
DPW Charges		\$44,800		\$44,800
Capitalized Interest		\$9,000		\$9,000
Park Services				\$0
Disadv. Business Serv.		\$1,000		\$1,000
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings		\$224,000	\$2,352,050	\$2,576,050
Other Expenses				\$0
Total Project Cost	\$0	\$346,000	\$2,352,050	\$2,698,050

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$341,000
Airport Reserve	
Investment	\$5,000
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$346,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC027 – Courthouse Light Court Window Replacement

An appropriation of \$346,000 is budgeted, including \$9,000 in capitalized interest, for design and initial construction related to the continued replacement of windows in the Courthouse light courts. Financing will be provided from \$341,000 in general obligation bonds and \$5,000 in investment earnings.

The 2009 appropriation would allow for further design and construction for continuing replacement of the light court windows.

There are eight light courts within the Courthouse structure. These light courts were originally designed to allow light to travel into the interior offices of the building and to provide ventilation by opening and closing of windows prior to modern day climate control methods. Past appropriations have completed replacement of the windows in one light court and a portion of another.

Replacement is required due to the overall deterioration of the windows that has taken place over time. The windows to be replaced are from the original 1930s installation and are all single pane glass. The windows are exhibiting deterioration of the metal sash, cracking, leaking during periods of rain, and overall fragility. In addition, effects related to the age of the windows and the deterioration includes damage to the wood surrounding the windows from water leaks as well as energy inefficiencies. The replacement windows will be energy efficient with insulated glass. This will enhance the efficiency of the Courthouse heating and cooling equipment by saving energy.

The overall project envisions phased replacement of all light court windows with appropriation requests for additional construction over multiple years totaling approximately \$2,400,000.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WC042	Project Title and Location CJF - Install Doors and Plumbing in Pod 3D Cells	4789-2009
Requesting Department or Agency Sheriff Department		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$102,700				\$102,700
2010	\$1,000,000				\$1,000,000
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$1,102,700	\$0	\$0	\$0	\$1,102,700

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$102,700	\$0	\$102,700
Construction & Implementation		\$0	\$1,000,000	\$1,000,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges		\$100,000		\$100,000
Capitalized Interest		\$2,700		\$2,700
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures			\$1,000,000	\$1,000,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$102,700	\$1,000,000	\$1,102,700

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$101,200
Airport Reserve	
Investment Earnings	\$1,500
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$102,700

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC042 – CJF - Install Doors and Plumbing in Pod 3D Cells

An appropriation of \$102,700 is budgeted, including \$2,700 in capitalized interest, planning and design to install Doors and Plumbing in POD 3D Cells within the Criminal Justice Facility (CJF). Financing will be provided from \$101,200 in general obligation bonds and \$1,500 in investment earnings.

This project provides for planning and design of the following:

Doors: The doors must be equipped with electronic release and key release consistent with the other pods in the CJF and approved by the State of Wisconsin. This includes wiring to the deputy workstation, master control and level L. This capital improvement project will be coordinated with WC013 – CJF Pod Workstation Replacement.

Plumbing and Fixtures: This portion of the project would include pipes for water and sewage to be installed in all of the cells. In addition, all 48 cells would need sinks and toilets specifically designed for use in a corrections environment.

An appropriation request to complete construction to install Doors and Plumbing in these cells is anticipated for 2010 at an estimated cost of \$1,000,000.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WC057	Project Title and Location Courtroom Bullet Resistant Glass Wall	4789-2009
Requesting Department or Agency Facilities Management		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008	\$235,740				\$235,740
2009	\$246,200				\$246,200
2010	\$239,800				\$239,800
2011	\$239,800				\$239,800
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$961,540	\$0	\$0	\$0	\$961,540

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$34,207	\$39,967		\$74,174
Construction & Implementation	\$201,533	\$206,233	\$479,600	\$887,366
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$20,800	\$23,980		\$44,780
DPW Charges	\$13,407	\$15,987		\$29,394
Capitalized Interest	\$6,900	\$6,400		\$13,300
Park Services				\$0
Disadv. Business Serv.	\$500			\$500
Buildings/Structures	\$194,133	\$199,833	\$479,600	\$873,566
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$235,740	\$246,200	\$479,600	\$961,540

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$242,600
Airport Reserve	
Investment	\$3,600
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$246,200

Cost Estimates Prepared By

DPW Review By

Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	\$171,470
Total Expenditures to Date	\$171,470
Encumbrances	\$44,420
Available Balance	\$19,850

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC057 – Court Room Bullet Resistant Glass Wall

An appropriation of \$246,200 is budgeted, including \$6,400 in capitalized interest, to continue the installation of bullet resistant glass in the misdemeanor courtrooms. Financing will be provided from \$242,600 in general obligation bonds and \$3,600 in investment earnings.

Most courtrooms in the Safety Building and the Criminal Justice Facility already have bullet resistant glass walls installed including all felony courts. The 2009 appropriation of \$239,800 (excluding capitalized interest) will be used to continue the installation of these walls in misdemeanor courtrooms to provide a consistent level of safety during all proceedings.

The 2009 phase of the project is the second in a three-year project that began in 2008, with an appropriation of \$228,840 (excluding capitalized interest) to address installation of bullet resistant glass in all misdemeanor courtrooms.

The estimated cost for the third phase totals \$239,800.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WC060	Project Title and Location CJF - Pod 4D Tamper Resistant Recreation Cells	4789-2009
Requesting Department or Agency Facilities Management		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$152,800				\$152,800
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$152,800	\$0	\$0	\$0	\$152,800

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$24,800		\$24,800
Construction & Implementation		\$128,000		\$128,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2007 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$14,880		\$14,880
DPW Charges		\$9,920		\$9,920
Capitalized Interest		\$4,000		\$4,000
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$124,000		\$124,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$152,800	\$0	\$152,800

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$150,600
Airport Reserve	
Investment	\$2,200
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$152,800

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC060 – CJF Pod 4D Tamper Resistant Recreation Cells

An appropriation of \$152,800, including \$4,000 in capitalized interest, is budgeted for the planning and construction related to the remodeling of three recreation cells in pod 4D of the Criminal Justice Facility (CJF). Financing will be provided from \$150,600 in general obligation bonds and \$2,200 in investment earnings.

Three cells in the CJF are budgeted to be remodeled that have tamper proof sprinkler heads. The three cells to be remodeled are currently used as recreation cells in pod 4D that have very high ceilings, which would make it nearly impossible to deface the sprinkler heads in these cells. The cells are to be remodeled to include heat, toilets, sinks and beds that all meet Department of Correction's building code.

This project is being undertaken to help alleviate flooding problems that occur from inmates defacing sprinkler heads in regular cells and to reduce county staff time spent on reacting to and maintenance required as a result of the recurrent flooding. The inmates that are causing flooding issues from breaking the sprinkler heads would be moved into these cells.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WC063	Project Title and Location CJF Cell Toilet Flushing Control System	4789-2009
Requesting Department or Agency Facilities Management		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$328,600				\$328,600
2010	\$320,000				\$320,000
2011	\$320,000				\$320,000
2012	\$320,000				\$320,000
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$1,288,600	\$0	\$0	\$0	\$1,288,600

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation		\$328,600	\$960,000	\$1,288,600
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$32,000	\$96,000	\$128,000
DPW Charges		\$21,300	\$63,900	\$85,200
Capitalized Interest		\$8,600		\$8,600
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$266,700	\$800,100	\$1,066,800
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$328,600	\$960,000	\$1,288,600

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$323,900
Airport Reserve	
Investment Earnings	\$4,700
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$328,600

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC063 – CJF Cell Toilet Flushing Control System

An appropriation of \$328,600 is budgeted, including \$8,600 in capitalized interest, for construction required to convert the toilet flush controls in the Criminal Justice Facility (CJF) from manual to electronic. Financing will be provided from \$323,900 in general obligation bonds and \$4,700 in investment earnings.

The 2009 phase of this project will convert the toilet flush control system in approximately 192 cells (one of four floors) in the CJF to give officers control over the flushing intervals, flushing frequencies and flushing shutoff. The centralized system (located at each deputy control pod) allows plumbing valves to be electronically controlled to ration the water available for flushing.

The goal of this project is to prevent deliberate multiple flushes by inmates that causes flooding within the CJF and allows foreign objects to be flushed into the sewage system. The County received notice from the Milwaukee Metropolitan Sewerage District (MMSD) that the foreign objects being flushed into the sewage system violates section 11.202(3) of the MMSD Rules. In response to violations, MMSD issued a *Notice of Noncompliance* dated December 4, 2007 and a *Notice of Violation* dated June 4, 2008. Possible enforcement action against the County by MMSD includes, but is not limited to, commencing litigation in a court of law for injunctive relief or civil penalties of up to \$10,000 per day per violation.

Upon completion of the 2009 phase of this project, the County will reassess the need to continue further with installing electronic flush controls in the remaining 576 cells located on other floors. If the remaining cells must be converted due to continued deliberate flushing by inmates, then the project would extend from 2010 through 2012 at a cost of approximately \$320,000 in each of those years.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Public Works staff will be responsible for project management. Specialized consultants will be retained as needed.

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SECTION 12
HOUSE OF CORRECTION

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WJ010	Project Title and Location Kitchen Equipment Replacement	4789-2009
Requesting Department or Agency House of Correction		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008	\$129,800				\$129,800
2009	\$308,000				\$308,000
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$437,800	\$0	\$0	\$0	\$437,800

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$129,800	\$308,000		\$437,800
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$30,000		\$30,000
DPW Charges		\$20,000		\$20,000
Capitalized Interest	\$3,800	\$8,000		\$11,800
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings	\$126,000	\$250,000		\$376,000
Other Expenses				\$0
Total Project Cost	\$129,800	\$308,000	\$0	\$437,800

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$303,600
Airport Reserve	
Investment Earnings	\$4,400
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$308,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	\$106,700
Available Balance	\$23,100

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WJ010 – HOC Kitchen Equipment Replacement

An appropriation of \$308,000, including \$8,000 in capitalized interest, is budgeted for the purchase of one dish machine and a combi thermal oven in the kitchen under the direction of the House of Correction (HOC) and a dish machine at the Criminal Justice Facility (CJF). Financing will be provided from \$303,600 in general obligation bonds and \$4,400 in investment earnings. These purchases are part of an ongoing project with funding of \$129,800 having been provided in 2008 for the purchase of two dish machines.

The HOC operates five kitchens in total. Three of the kitchens are located at the Franklin facility, with one located in the South Building, one in the North Building, and one in the Lotter Building. There are two kitchens located downtown, one in the Community Correctional Center (CCC) and one in the CJF. Due to the closure of the CCC, the kitchen within the facility will no longer be in operation.

The kitchens produce over 9,000 meals per day for a total of 3,285,000 meals per year. The equipment is failing and requires replacement. In mid-year 2003, the HOC entered into a contract with Aramark Corporation to provide food services for the HOC and CJF. As part of the contract, the HOC is responsible for replacement of all equipment. The Aramark Corporation is responsible for maintenance of the equipment. The dish machines currently at the HOC and CJF have gone through several repairs and exceeded their useful life. The average useful life span of dish machines is 12 to 15 years; however, due to inmate vandalism and the amount of usage at the HOC and CJF, a more accurate useful life of a dish machine is 10 years. The combi thermal oven at the HOC is approximately 10 years old and has also gone through several repairs but constantly fails due to its age.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

HOC staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WJ014	Project Title and Location HOC - Replace Hot Water Heater	4789-2009
Requesting Department or Agency House of Correction		Functional Group General Government
Department Priority 1	Person Completing Form Molly Pahl	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$77,000				\$77,000
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$77,000	\$0	\$0	\$0	\$77,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$0	\$0	\$0
Construction & Implementation		\$77,000		\$77,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$3,000		\$3,000
DPW Charges		\$2,000		\$2,000
Capitalized Interest		\$2,000		\$2,000
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$70,000		\$70,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost		\$77,000	\$0	\$77,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$75,900
Airport Reserve	
Investment Earnings	\$1,100
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$77,000

Cost Estimates Prepared By I. Zusevics/T. Voigt	DPW Review By John Bunn
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Project Useful Life (Years)	15
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Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$0
2008 Expenditures	\$0
Total Expenditures to Date	\$0
Encumbrances	\$0
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	
Complete Preliminary Plans	
Complete Final Plans & Specifications	Various
Begin Construction	Various
Complete Construction	Various
Scheduled Project Closeout	Various

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WJ014 – HOC - Replace Hot Water Heater

The hot water heater currently in place at the House of Correction (HOC) was installed in 1999 and provides domestic hot water for 600 inmates for hand sinks and showers and also provides a higher temperature water source for HOC kitchen use. The department has had to replace the heating bundles twice since installation at a cost of \$20,000 each. The current heating bundles are failing due to poor plan design. Instead of continuing costly replacements, the department will purchase a new hot water heater from an alternate vendor. An appropriation of \$77,000 is provided to complete the installation of the hot water heater replacement.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

HOC staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WJ031	Project Title and Location Laundry Equipment Replacement	4789-2009
Requesting Department or Agency House of Correction		Functional Group General Government
Department Priority 3	Person Completing Form Molly Pahl	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$238,890				\$238,890
2008	\$265,800				\$265,800
2009	\$164,782				\$164,782
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$669,472	\$0	\$0	\$0	\$669,472

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$333,518	\$164,782		\$498,300
Construction & Implementation	\$7,700			\$7,700
Right-of-Way Acquisition				\$0
Equipment	\$160,460			\$160,460
Other	\$3,012			\$3,012
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$16,048		\$16,048
DPW Charges		\$10,699		\$10,699
Capitalized Interest	\$15,500	\$4,300		\$19,800
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings	\$486,178	\$133,735		\$619,913
Other Expenses	\$3,012			\$3,012
Total Project Cost	\$504,690	\$164,782	\$0	\$669,472

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$162,382
Airport Reserve	
Investment	\$2,400
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$164,782

Cost Estimates Prepared By HOC	DPW Review By John Bunn
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Project Useful Life (Years)	10
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Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$9,712
2008 Expenditures	\$134,394
Total Expenditures to Date	\$144,106
Encumbrances	
Available Balance	\$360,584

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	
Complete Preliminary Plans	1/07
Complete Final Plans & Specifications	1/07
Begin Construction	1/07
Complete Construction	12/09
Scheduled Project Closeout	12/09

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WJ031 – HOC Laundry Equipment Replacement

An appropriation of \$164,782, including \$4,300 in capitalized interest, is budgeted for replacement equipment for the laundry facility at the HOC. Financing will be provided from \$162,382 in general obligation bonds and \$2,400 in investment earnings. This finalizes a multi-year project that supported costs of \$235,878 in 2007 and \$265,800 in 2008, for total costs of \$662,160 over the three-year period.

This is a multi year project with plans to replace needed equipment in the laundry area of the HOC. The 2008 Capital Budget included an appropriation of \$258,000 to replace two 400-pound washers. The vendor supplying the washers informed the HOC that there was a problem with the inverter that rotates the drum within the washer. This resulted in a delay in purchasing the washer. Therefore, the HOC submitted a 2008 appropriation transfer to proceed with the next phase of the project, which was the purchase of two dryers. The HOC anticipates that the problem with the inverter will be resolved by 2009. The 2009 laundry equipment replacement project will replace three 400-pound washers.

The HOC laundry facility provides the laundry service for all inmates of the HOC and the CJF. The facility also provides laundry services to the Behavioral Health Complex and the Children's Court Center on the County grounds. The laundry facility processes 230,000 pounds of laundry per month for a total of 2.8 million pounds per year. Approximately 50 inmates work in the Laundry facility with an additional 18 working in the distribution process.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

HOC staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WJ049	Project Title and Location HOC Infrastructure Improvements (2008-2012)	4789-2009
Requesting Department or Agency House of Correction		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008	\$61,080				\$61,080
2009	\$88,400				\$88,400
2010	\$256,000				\$256,000
2011	\$250,000				\$250,000
2012	\$250,000				\$250,000
2013	\$250,000				\$250,000
SUBSEQUENT					\$0
TOTAL	\$1,155,480	\$0	\$0	\$0	\$1,155,480

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation	\$61,080	\$88,400	\$1,006,000	\$1,155,480
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$5,928	\$7,534		\$13,462
DPW Charges	\$3,952	\$3,987	\$1,000	\$8,939
Capitalized Interest	\$1,800	\$2,400		\$4,200
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures	\$49,400	\$74,479	\$1,005,000	\$1,128,879
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$61,080	\$88,400	\$1,006,000	\$1,155,480

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$87,000
Airport Reserve	
Investment Earnings	\$1,400
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$88,400

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	\$47,905
Total Expenditures to Date	\$47,905
Encumbrances	
Available Balance	\$13,175

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WJ049 – HOC Infrastructure Improvement

An appropriation of \$165,400, including \$4,400 in capitalized interest, is budgeted for replacement of the roof and ceiling at the Adult Correctional Center (ACC) North Kitchen and replacement of a hot water heater at the House of Correction (HOC). Financing will be provided from \$162,900 in general obligation bonds and \$2,500 in investment earnings.

WJ04907 – Replace Roof ACC North Kitchen (\$39,100)

The roofing above the dish room in the ACC North Kitchen has not been replaced since the construction of the facility in 1949. The poor condition of the roof has resulted in water seeping through, causing the ceiling below to crumble. A contractor recently took a sample of the rubber roofing membrane and found a significant amount of water underneath. The membrane is too thin to prevent water damage to surfaces below. An appropriation of \$38,500 is provided for the replacement of the roof.

WJ04905 – ACC North Dish room Ceiling (\$49,300)

The department has attempted to repair and patch up the ceiling damage that has resulted from the aged roofing explained in the Replace Roof ACC North Kitchen project above. However, the repairs are failing and no longer hold. Project appropriations amounting to \$48,500 will support the purchase of a fiberglass, rather than plaster, ceiling replacement. The replacement ceiling will eliminate exposed areas in order to prevent storage of contraband and weapons.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

HOC staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WJ052	Project Title and Location Replace Water Pipe North Building	4789-2009
Requesting Department or Agency House of Corrections		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$129,100				\$129,100
2010	\$125,000				\$125,000
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$254,100	\$0	\$0	\$0	\$254,100

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation		\$129,100	\$125,000	\$254,100
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$12,500		\$12,500
DPW Charges		\$8,333		\$8,333
Capitalized Interest		\$3,400		\$3,400
Park Services				\$0
Disadv. Business Serv.		\$700		\$700
Buildings/Structures		\$104,167	\$125,000	\$229,167
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$129,100	\$125,000	\$254,100

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$127,200
Airport Reserve	
Investment Earnings	\$1,900
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$129,100

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WJ052 – Replace Water Pipe North Building

An appropriation of \$129,100, including \$3,400 in capitalized interest, is budgeted for replacement of a leaking water pipe in the North Building at the Adult Correctional Center (ACC). Financing will be provided from \$127,200 in general obligation bonds and \$1,900 in investment earnings. This is a two-year project with anticipated costs of \$125,000 in 2010 for a total project cost of \$254,100.

The eight dorms that are housed in the main facility of the ACC (or North building) were built in 1949, and the piping has not been replaced. The pipes were originally cast in the concrete wall and have begun to rot away. This has resulted in water leaking into the dorms and frequent relocation of inmates. This project proposes to replace the rotted piping from the wall to the shower in four dorms in 2009 and four dorms in 2010. The replacement pipes will not be located within the walls as currently seen. The majority of costs will be due to the labor needed to install the new piping. As long as the piping is replaced prior to a major leak, the work can be performed without having to close the dorm and relocate inmates. The HOC does not anticipate having any dorms closed in 2009 or 2010 and therefore must ensure that maintenance problems do not necessitate the closure of a dorm.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WJ053	Project Title and Location Replace Toilets in C2 Dorm	4789-2009
Requesting Department or Agency House of Corrections		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$64,200				\$64,200
2010	\$62,000				\$62,000
2011	\$62,000				\$62,000
2012	\$62,000				\$62,000
2013	\$62,000				\$62,000
SUBSEQUENT					\$0
TOTAL	\$312,200	\$0	\$0	\$0	\$312,200

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation		\$64,200	\$248,000	\$312,200
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$6,200		\$6,200
DPW Charges		\$4,133		\$4,133
Capitalized Interest		\$1,700		\$1,700
Park Services				\$0
Disadv. Business Serv.		\$500		\$500
Buildings/Structures		\$51,667	\$248,000	\$299,667
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$64,200	\$248,000	\$312,200

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$63,200
Airport Reserve	
Investment	\$1,000
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$64,200

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WJ053 – Replace Toilets in C2 Dorm

An appropriation of \$64,200, including \$1,700 in capitalized interest, is budgeted for the replacement and addition of toilets in the C2 dorm at the Adult Correctional Center (ACC). Financing will be provided from \$63,200 in general obligation bonds and \$1,000 in investment earnings. This is an eight-year project with anticipated annual costs of \$62,000 for a total project cost of \$498,200.

The code for inmate bathrooms is now eight toilets and one urinal for every 50 inmates. The eight dorms in the old ACC facility typically house 72 inmates and were built with three toilets and three urinals. The HOC has experienced complaints and conflict between inmates housed in the old ACC facility due to the lack of toilets compared to the inmates housed in the ACC North and South buildings, facilities that comply with the new code. This project would replace the three urinals with toilets and would add a wall hanging urinal.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

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SECTION 13
OTHER COUNTY AGENCIES

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO029	Project Title and Location Milwaukee County Historical Society Renovation	4789-2009
Requesting Department or Agency		Functional Group
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$2,647,758				\$2,647,758
2008	\$2,136,480				\$2,136,480
2009	\$3,121,700				\$3,121,700
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$7,905,938	\$0	\$0	\$0	\$7,905,938

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$2,136,480	\$3,121,700		\$5,258,180
Construction & Implementation	\$2,647,758			\$2,647,758
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$306,000		\$306,000
DPW Charges	\$57,380	\$204,000		\$261,380
Capitalized Interest	\$6,900	\$49,700		\$56,600
Park Services				\$0
Disadv. Business Serv.	\$2,200	\$12,000		\$14,200
Buildings/Structures	\$2,070,000	\$2,550,000		\$4,620,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses	\$2,647,758			\$2,647,758
Total Project Cost	\$4,784,238	\$3,121,700	\$0	\$7,905,938

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$1,896,060
Airport Reserve	
Investment Earnings	\$27,400
PFC Revenue	
Gifts & Cash Contributions	\$1,198,240
PFC Bonds	
Total Budget Year Financing	\$3,121,700

Cost Estimates Prepared By	DPW Review By Ivars Zusevics
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$1,600,411
2007 Expenditures	\$891,673
2008 Expenditures	\$156,733
Total Expenditures to Date	\$2,648,817
Encumbrances	\$83,653
Available Balance	\$2,051,768

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO029 – Milwaukee County Historical Society Renovation

An appropriation of \$3,121,700 is budgeted, including \$49,700 in capitalized interest, to the on-going restoration of the Milwaukee County Historical Society Center. Financing will be provided from \$1,896,060 in general obligation bonds, \$1,198,240 from private contributions, and \$27,400 from investment earnings.

The fourth and final phase of the project will address both mechanical and functional issues. Among the mechanical needs to be addressed are the following: structural reinforcement of the east and west mezzanines, which currently do not meet building code requirements; the replacement of the HVAC hydronic system in the exhibition galleries which is past its operational life; the upgrading of water piping and related fixtures, which are worn and aged; the replacement of the electrical system in the exhibition galleries, which does not meet building code requirements in many areas; and the installation of new lighting fixtures suitable for exhibition and general use.

In the area of functional improvements, Phase IV will address the following; the removal of acoustical tile ceilings above the second floor of the Milwaukee County Historical Society Center to expose original ornamental plasterwork; and the painting of the entire building interior.

The total cost of Phase IV is estimated by Uihlein Wilson Architects and the County Architect to be approximately \$3,060,000. The Milwaukee County Historical Society will underwrite \$1,198,240 of those costs with private funds raised through its Capital Campaign. In the 2008 Adopted Capital budget, the County made a commitment to add 50 percent of the 2008 project costs for Phase III of this project to the 2009 Phase (IV) costs of the project. The County's 2009 contribution of \$1,896,060 fulfills this commitment. It is important to note that there is no existing agreement between the Historical Society and County that stipulates a 50/50 cost-share for this particular project.

The restoration of the Milwaukee County Historical Society Center has been supported by a public/private partnership undertaken by the Historical Society in cooperation with Milwaukee County over the last six years. The 2002 and 2003 Adopted Capital Improvement budgets included a combined total of \$400,000 from the County to finance the planning phase of this project. In addition, the Historical Society provided \$100,000 in 2002 from private donations to finance its share of the design.

During Phase III construction, the Northwestern Mutual Foundation donated \$85,000 to the Society's Capital Campaign to pay for downtown space to house the Historical Society's administrative offices and Research Library during the construction period. This contribution allowed the Historical Society staff to maintain a wide range of services at their main facility located at Old World Third Street and at the Society's other historic sites throughout Milwaukee County despite the temporary closing of its headquarters building.

The Milwaukee County Historical Society, in consultation with Uihlein Wilson Architects, has chosen to address the specific components included in Phase IV of the project for several reasons. First of all, the majority of issues were identified as "Critical" or "Potentially Critical" in the Facilities Condition Assessment of the Historical Center prepared by VFA, Inc. (Vanderweil Facility Advisors) in August 2003 under contract with Milwaukee County. The infrastructure of the mezzanine, the HVAC system, and the electrical system are all in need of immediate upgrade to avoid potentially serious incidents.

Secondly, Phase IV of the restoration would allow for the completion of all major interior construction work during a single nine to twelve month period. This is critically important because the HVAC system installed during Phase III to serve the Research Library and Administrative Offices must be expanded to serve the rest of the building all at once rather than in multiple stages.

Phase IV of the Milwaukee County Historical Society Center restoration project has been included in the Milwaukee County Five-Year Capital Improvements Plan at \$3,060,000 for 2009. To date, the Society has received contributions or pledges to the Capital Campaign totaling \$3,061,489 from private sources. With several major grant requests under consideration by local corporations and foundations, with the public component of the Capital Campaign's final phase in progress, and with a continued commitment from Milwaukee County as part of the 2009 Capital Improvement Budget, the Historical Society expects to be able to satisfy its matching requirements during the 2009 fiscal year.

**2009 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WO029- Milwaukee County Historical Society Renovation (Continued)

YEAR	TOTAL PROJECT COST	ACTIVITY	HIST. SOCIETY CONTRIBUTION	NET COUNTY COMMITMENT
2002	\$200,000	Planning and development via construction drawings	\$100,000	\$100,000
2003	\$300,000	Pre-construction design	\$0	\$300,000
2004	\$1,326,000	Repair and re-glazing of 27 cast-iron windows	\$663,000	\$663,000
2006	\$1,745,315	Wheelchair lift replacement, lower-level bathroom renovation to meet ADA compliance	\$872,657	\$872,658
2008	\$1,136,480	Research Library restoration including installation of a glass wall, ceiling restoration, new lighting installation, installation of four pipe fan coil cooling/heating systems	\$900,000	\$236,480
2009	\$3,060,000	Structural reinforcement of the east and west mezzanines, replacement of the HVAC Hydronic system in the exhibition galleries, upgrading of water piping and related fixtures, replacement of the electrical system in the exhibition galleries, and the installation of new lighting fixtures	\$1,198,240	\$1,861,760
TOTAL	\$7,767,795		\$3,733,897	\$4,033,898

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

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2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO030	Project Title and Location Countywide Access Road Improvement Program - Estabrook Park	4789-2009
Requesting Department or Agency Department of Public Works		Functional Group
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,580,766				\$1,580,766
2008	\$963,210				\$963,210
2009	\$520,800				\$520,800
2010	\$533,800				\$533,800
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$3,598,576	\$0	\$0	\$0	\$3,598,576

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation	\$963,210	\$520,800	\$533,800	\$2,017,810
Right-of-Way Acquisition	\$1,580,766			\$1,580,766
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$6,000	\$20,000		\$26,000
DPW Charges	\$97,989	\$66,150		\$164,139
Capitalized Interest	\$28,000	\$13,800		\$41,800
Park Services				\$0
Disadv. Business Serv.	\$3,500	\$7,000		\$10,500
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction	\$827,721	\$413,850	\$533,800	\$1,775,371
Equipment & Furnishings				\$0
Other Expenses	\$1,580,766			\$1,580,766
Total Project Cost	\$2,543,976	\$520,800	\$533,800	\$3,598,576

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$513,200
Airport Reserve	
Investment	\$7,600
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$520,800

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$1,580,766
2007 Expenditures	
2008 Expenditures	\$37,584
Total Expenditures to Date	\$1,618,350
Encumbrances	
Available Balance	\$925,626

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO030 – Countywide Access Road Improvement Program

An appropriation of \$520,800, including \$13,800 in capitalized interest, is budgeted for the countywide replacement of asphalt roadways and parking lots. Financing will be provided from \$513,200 in general obligation bonds and \$7,600 in investment earnings.

WO03018 – Estabrook Parkway Drive (Capital Drive to Hampton Avenue)

Previously, individual departments requested various roadway and parking lot projects. The various projects have now been consolidated into one project to be managed by the Department of Transportation and Public Works (DTPW), with the highest priority project (s) being recommended for funding. DTPW performs pavement ratings for all County roadways. This evaluation examines traffic volume, condition of pavement, overall riding comfort and drainage conditions.

The overall condition of the various access drives and parking lots throughout County facilities continues to deteriorate. In 2006, an informational report was provided to the County Board of Supervisors regarding the condition of Parks infrastructure.

The project provides for the initial reconstruction of the Estabrook Parkway Drive, among the worst rated in the County system. The total cost of the project is estimated to be \$1,040,800. The 2009 appropriation of \$507,000 will provide for planning and design and initial construction; the remaining \$533,800 will be requested in 2010 to complete the project.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Overall project management will be performed by the Department of Transportation and Public Works staff.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO038	Project Title and Location Marcus Center HVAC Upgrade	4789-2009
Requesting Department or Agency Marcus Center		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$613,900				\$613,900
2010	\$500,000				\$500,000
2011	\$500,000				\$500,000
2012	\$500,000				\$500,000
2013	\$500,000				\$500,000
SUBSEQUENT					\$0
TOTAL	\$2,613,900	\$0	\$0	\$0	\$2,613,900

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$103,000		\$103,000
Construction & Implementation		\$510,900	\$2,000,000	\$2,510,900
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$59,400		\$59,400
DPW Charges		\$39,600		\$39,600
Capitalized Interest		\$15,900		\$15,900
Park Services				\$0
Disadv. Business Serv.		\$4,000		\$4,000
Buildings/Structures		\$495,000	\$2,000,000	\$2,495,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$613,900	\$2,000,000	\$2,613,900

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$605,100
Airport Reserve	
Investment Earnings	\$8,800
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$613,900

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

209 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO038 – Marcus Center HVAC

An appropriation of \$613,900 is budgeted, including capitalized interest of \$15,900, for design and construction renovations to the HVAC systems comprising system S2 at the Marcus Center. Financing will be provided by \$605,100 in general obligation bonds and \$8,800 in investment earnings.

This request is the first phase of a five-year project (2009 - 2013) that will address the replacement of five major air handling systems servicing the Marcus Center. Total costs for all phases of the project are estimated at \$2,598,000 (excluding capitalized interest). Each HVAC unit is 32 years old and nearing the end of its 35-year useful life. The HVAC units are experiencing corrosion and failure of individual components, which decrease the efficiency of the units. There is also an issue with the vibration of the units that cause the deteriorating components to fail more rapidly. As the HVAC units fail, there is no back-up temperature control. Two HVAC units have failed in the past year.

The 2009 appropriation allocated \$99,000 for a study that will analyze all HVAC units in order to create a priority schedule of replacement for the next five years. The remaining \$499,000 is allocated for the replacement of one HVAC unit in 2009.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO057	Project Title and Location Wil-O-Way Storage Room	4789-2009
Requesting Department or Agency Office for Persons with Disabilities		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$63,700				\$63,700
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$63,700	\$0	\$0	\$0	\$63,700

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation		\$63,700		\$63,700
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$6,200		\$6,200
DPW Charges		\$4,133		\$4,133
Capitalized Interest		\$1,700		\$1,700
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$51,667		\$51,667
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$63,700	\$0	\$63,700

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$62,700
Airport Reserve	
Investment	\$1,000
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$63,700

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO057 – Wil-O-Way Storage Room Addition

An appropriation of \$63,700 is budgeted, including \$1,700 in capitalized interest, for the construction of a storage room at the Wil-O-Way Grant Recreation Center. Financing will be provided from \$62,700 in general obligation bonds and \$1,000 in investment earnings.

Currently, the staff stores chairs, dollies and other equipment along the perimeter of the recreation hall at the Wil-O-Way Grant facility. This method of storage creates trip hazards for the clients who use the facility, including senior citizens. In addition, the facility serves as a popular community rental facility and the addition of the storage room would provide a secure area for renters and facility equipment.

Any surplus appropriations available upon completion of approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO059	Project Title and Location Wil-O-Ways Grant Roof Replacement	4789-2009
Requesting Department or Agency Office for Persons with Disabilities		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$98,253				\$98,253
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$98,253	\$0	\$0	\$0	\$98,253

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation		\$98,253		\$98,253
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest		\$2,600		\$2,600
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$95,653		\$95,653
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$98,253	\$0	\$98,253

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$96,753
Airport Reserve	
Investment Earnings	\$1,500
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$98,253

Cost Estimates Prepared By Philip Hung	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO059 – Wil-O-Way Grant Roof

An appropriation of \$98,253 is budgeted, including \$2,600 in capitalized interest, for the replacement of the Wil-O-Way Grant Roof. Financing will be provided from \$96,753 in general obligation bonds and \$1,500 in investment earnings.

The roof at the Wil-O-Way Grant facility has been leaking for approximately 1-1 1/2 years. The roof leaks have caused damage in the lights and have become a safety hazard. The three layers of shingles on the roof indicate that it has previously been replaced at least twice. The top layer of shingles should have maintained the integrity of the roof for 15 years, but because the structure of the building has a low pitch roof, the roof has failed in 10 years. The new roof is expected to have a useful life of 20 years.

In addition to replacing the roof, this appropriation also includes funds for the installation of new insulation to improve energy efficiency.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO060	Project Title and Location Countywide Access Road Improvement Program - Dineen Park	4789-2009
Requesting Department or Agency Department of Public Works		Functional Group
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$98,600				\$98,600
2010	\$3,649,400				\$3,649,400
2011	\$3,067,500				\$3,067,500
2012	\$3,000,000				\$3,000,000
2013	\$3,000,000				\$3,000,000
SUBSEQUENT					\$0
TOTAL	\$12,815,500	\$0	\$0	\$0	\$12,815,500

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation		\$98,600	\$12,716,900	\$12,815,500
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$9,600	\$2,010,000	\$2,019,600
DPW Charges		\$6,400	\$74,500	\$80,900
Capitalized Interest		\$2,600		\$2,600
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction		\$80,000	\$10,632,400	\$10,712,400
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$98,600	\$12,716,900	\$12,815,500

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$97,100
Airport Reserve	
Investment	\$1,500
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$98,600

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO060 – Countywide Access Road Improvement Program

An appropriation of \$98,600, including \$2,600 in capitalized interest, is budgeted for the countywide replacement of asphalt roadways and parking lots. Financing will be provided from \$97,100 in general obligation bonds and \$1,500 in investment earnings.

WO06004 - Dineen Park - Concrete & Asphalt Replacement

Previously, individual departments requested various roadway and parking lot projects. The various projects have now been consolidated into one project to be managed by the Department of Transportation and Public Works (DTPW), with the highest priority project (s) being recommended for funding. DTPW performs pavement ratings for all County roadways. This evaluation examines traffic volume, condition of pavement, overall riding comfort and drainage conditions.

The overall condition of the various access drives and parking lots throughout County facilities continues to deteriorate. In 2006, an informational report was provided to the County Board of Supervisors regarding the condition of Parks infrastructure.

This project includes \$96,000 for the reconstruction of the pavement area in Dineen Park that is located between the splash pads and the parking lot. A future appropriation of approximately \$224,000 is anticipated to reconstruct the parking lot.

The pavement area has experienced deterioration that has resulted in cracked and uneven surfaces throughout the area. The current surface consists of approximately three inches of asphalt and would be replaced with a more durable surface of approximately five to six inches of concrete.

Pilot Project for Holistic Capital Approach

Beginning in 2009, Milwaukee County will implement a holistic approach to improving its infrastructure. This approach will be more fully developed in 2010 and future years. The goal of the holistic approach is to implement improvements to entire buildings and sites. The goal of which, is to more efficiently and effectively address the County's backlog of capital improvements. (See "Introduction on page 1 for details on the holistic approach.)

The County has implemented extensive improvements to Dineen and Lincoln Parks, making them ideal candidates for the holistic approach.

The improvements in Dineen Park over the last few years consist of the replacement of the pavilion roof, reconstruction of the service yard pavement, reconstruction of the basketball courts surface and the construction of the splash pads. The remaining building and site improvements in Dineen Park consist of capital improvements and operating major maintenance improvements to the Bathhouse, Service Building, Pavilion and parking lots.

The Department of Public Works and Parks Department (DTPW) will reassess the remaining building and site improvements. Based on their assessment, DTPW will then provide cost estimates and project schedules. The Department of Administrative Services – Fiscal Affairs (DAS) utilized cost estimates from DTPW (via the Vanderwiell Facility Advisors report) and Parks, in order to determine the \$1.2 million estimate outlined in the 2009-2013 Five Year Capital Improvements Plan.

DAS will work with Parks to design a maintenance program that will address the operating major maintenance building and site improvements. The success of the holistic approach is dependent upon coordination between the capital and maintenance plans. Once the parks have been redeveloped, routine major maintenance must be performed by the Parks Department.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO060 – Countywide Access Road Improvement Program (Continued)

Staffing Plan

Overall project management will be performed by Department of Transportation and Public Works staff.

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2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO061	Project Title and Location Root River Parkway Drive - 76th to Grange	4789-2009
Requesting Department or Agency Parks Department		Functional Group Parks, Recreation & Culture
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$154,200				\$154,200
2010	\$1,542,000				\$1,542,000
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$1,696,200	\$0	\$0	\$0	\$1,696,200

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$154,200	\$257,000	\$411,200
Construction & Implementation		\$0	\$1,285,000	\$1,285,000
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$134,200	\$10,000	\$144,200
DPW Charges		\$20,000	\$247,000	\$267,000
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction			\$1,285,000	\$1,285,000
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$0	\$154,200	\$1,542,000	\$1,696,200

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$154,200
Airport Reserve	
Investment	
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$154,200

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO061 – Root River Parkway Drive-76th to Grange

An appropriation of \$154,200 is budgeted for the countywide replacement of asphalt roadways and parking lots. Financing will be provided from \$154,200 in general obligation bonds.

Previously, individual departments requested various roadway and parking lot projects. The various projects have now been consolidated into one project to be managed by the Department of Transportation and Public Works (DTPW), with the highest priority projects being recommended for funding. DTPW performs pavement ratings for all County roadways. This evaluation examines traffic volume, condition of pavement, overall riding comfort and drainage conditions.

The overall condition of the various access drives and parking lots throughout County facilities continues to deteriorate. In 2006, an informational report was provided to the County Board of Supervisors regarding the condition of Parks infrastructure.

The project provides for the design phase of the Root River Parkway Drive reconstruction, among the worst rated in the County system. The total cost of the project is estimated at \$1,542,000. The 2009 appropriation of \$154,200 will provide for planning and design and initial construction.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Overall project management will be performed by the Department of Transportation and Public Works staff.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO062	Project Title and Location Additional Capacity - Public Safety Radio System	4789-2009
Requesting Department or Agency Parks Department		Functional Group Parks, Recreation & Culture
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$231,000				\$231,000
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$231,000	\$0	\$0	\$0	\$231,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$75,000		\$75,000
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment		\$156,000		\$156,000
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$75,000		\$75,000
DPW Charges				\$0
Capitalized Interest		\$6,000		\$6,000
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings		\$150,000		\$150,000
Other Expenses				\$0
Total Project Cost	\$0	\$231,000	\$0	\$231,000

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$227,700
Airport Reserve	
Investment	\$3,300
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$231,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO062 – Additional Capacity for Public Safety Radio System

An appropriation of \$231,000, including \$6,000 in capitalized interest, is budgeted for design and equipment to improve capacity of the 800 MHz Radio System. Financing will be provided from \$227,700 in general obligation bonds and \$3,300 in investment earnings.

Milwaukee County operates an 800MHz trunked radio system that provides mission critical support to the Milwaukee County Sheriff's Department, Milwaukee County Transit System (MCTS) and first responder (police/fire/EMS) agencies of 17 municipalities.. In addition to these users, approximately 70 agencies throughout the County currently utilize the system for day-to-day, mission critical communications. Over the past several years, as more public safety and public service agencies have joined the County's radio system, the demands for capacity on the system have increased.

During times of heavy usage, such as the three major snowstorms that occurred in the first half of 2008, the voice system reaches peak capacity quickly and users experience a high number and duration of busy signals. At that time, emergency steps must be taken to assist first responder agencies with mission-critical communications.

In 2005, Milwaukee County was granted a license for the five remaining 800 MHz band frequencies. IMSD is proposing to convert one of the five digital frequencies to an MCTS data channel and re-enable one of the current MCTS data channels as an analog voice channel on all nine tower sites. This action will create one additional channel to be utilized on the analog voice system, while maintaining existing capacity for the MCTS data system. This is the most cost-effective solution to achieve additional capacity for the voice system users.

The five available 800 MHz frequencies were originally assigned to the new Astro LE digital radio system that was installed with Urban Area Security Initiative (Department of Homeland Security) funds in 2005. The fixed-end infrastructure cost to upgrade the County's analog system to digital, not including purchase of new radios for individual users, is estimated at approximately \$10 million. While Milwaukee County has made significant efforts to secure various funding options to upgrade its system, funding for the necessary additional infrastructure costs to complete the digital migration has not been identified.

Costs associated with this project include the following:

- Association of Public Safety Communications Officials License Modifications: converting data to analog voice at two sites and
- Converting digital to analog data at two sites.
- Hardware for digital frequency conversion
- Labor for the project (integration of the changes into the new Computer Aided Dispatch system)

In addition, the following equipment would need to be purchased for the digital channel to data conversion at two sites, US Bank in downtown Milwaukee and Muirdale, located on the County Grounds in the City of Wauwatosa:

- Repeater
- 800 MHz Duplexer
- Antenna, coax and peripherals

Staffing Plan

IMSD staff will be responsible for overall project management.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO063	Project Title and Location Electronic Vote Tabulator System	4789-2009
Requesting Department or Agency Election Commission		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$198,900				\$198,900
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$198,900	\$0	\$0	\$0	\$198,900

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation		\$0		\$0
Right-of-Way Acquisition				\$0
Equipment		\$198,900		\$198,900
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest		\$5,200		\$5,200
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings		\$193,700		\$193,700
Other Expenses				\$0
Total Project Cost	\$0	\$198,900	\$0	\$198,900

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$196,000
Airport Reserve	
Investment Earnings	\$2,900
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$198,900

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO063 – Electronic Vote Tabulator System

An appropriation of \$198,900 is budgeted, including \$5,200 in capitalized interest, for the installation of an electronic vote tabulator system. Financing will be provided from \$196,000 in general obligation bonds and \$2,900 in investment earnings.

The electronic vote tabulator system will enable the Office of the Milwaukee County Election Commission to instantaneously tabulate countywide unofficial election results from 18 municipalities in Milwaukee County. The City of Milwaukee automatically tabulates their election night results with a similar system and provides unofficial results during election night on their website.

Election results are considered unofficial until after they are reviewed and verified by Election Commission Staff, the process of which begins the day following the election. The results would be transmitted through a phone modem for each individual municipality into a central tabulation system maintained by the Election Commission office.

The Electronic Vote Tabulator system will enable the Election Commission to provide accurate (but still unofficial until verified) results to the media as well as to other interested parties. This is a service that the office has not been able to provide in the past as election results from the municipalities are handwritten onto “Immediate Return Sheets” and hand-delivered or faxed to the Election Commission office and subsequently posted onto a board.

With the Electronic Vote Tabulator system, all interested parties will have the opportunity to either visit the Milwaukee County Election Commission Office (which remains open until all results are in), inquire by phone, or view unofficial countywide election night results on the Milwaukee County Election Commission's website.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works (DTPW) staff will be responsible for overall project management. Specialized consultants will be retained as needed. DTPW staff will be used for construction inspection.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO112	Project Title and Location Fleet Equipment Acquisition	4789-2009
Requesting Department or Agency DPW Fleet Maintenance		Functional Group General Government
Department Priority 1	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$7,715,933				\$7,715,933
2008	\$12,694,300				\$12,694,300
2009	\$3,838,800				\$3,838,800
2010	\$4,947,000				\$4,947,000
2011	\$3,375,000				\$3,375,000
2012	\$3,400,000				\$3,400,000
2013	\$3,400,000				\$3,400,000
SUBSEQUENT					\$0
TOTAL	\$39,371,033	\$0	\$0	\$0	\$39,371,033

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation	\$763,900			\$763,900
Right-of-Way Acquisition				\$0
Equipment	\$15,180,400	\$3,838,800	\$15,122,000	\$34,141,200
Other	\$4,465,933			\$4,465,933
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest	\$96,600	\$23,800		\$120,400
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings	\$15,817,700	\$3,815,000	\$15,122,000	\$34,754,700
Other Expenses	\$4,495,933			\$4,495,933
Total Project Cost	\$20,410,233	\$3,838,800	\$15,122,000	\$39,371,033

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$900,600
Airport Reserve	
Investment Earnings	\$13,200
PFC Revenue	\$2,925,000
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$3,838,800

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$2,075,737
2007 Expenditures	\$2,757,950
2008 Expenditures	\$2,265,293
Total Expenditures to Date	\$7,098,980
Encumbrances	\$13,122,108
Available Balance	\$189,145

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition	
Complete Preliminary Plans	1/07
Complete Final Plans & Specifications	3/07
Begin Construction	4/07
Complete Construction	11/07
Scheduled Project Closeout	12/07

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO112 – Fleet Equipment Acquisition

An appropriation of \$3,838,800 is budgeted, including \$23,800 in capitalized interest, for replacement equipment. Financing will be provided from \$900,600 in general obligation bonds and \$2,925,000 in pay-as-you-go Passenger Facility Charge (PFC) revenue.

A listing of the replacement equipment to be purchased by the Department of Transportation and Public Works-Fleet Management Division is included in the table below.

<u>Sub-Project</u>	<u>Project Description</u>	<u>Amount</u>
WO11201	General Fleet	\$610,000
WO11202	Fleet Airport Equipment	
	1 Rescue Truck	\$75,000
	2 Patrol Trucks - Single	\$360,000
	2 Patrol Trucks - Single 4x4	\$390,000
	4 Plow Upgrades	\$200,000
	2 Wheel Loaders	\$600,000
	2 Snow Blowers	<u>\$1,300,000</u>
		<u>\$2,925,000</u>
WO11203	Fleet Sheriff Equipment	
	10 Squad Sedans	<u>\$280,000</u>
		<u><u>\$280,000</u></u>
	Total Fleet Replacement Equipment	\$3,815,000*

*Total excluded capitalized interest and investment earnings.

The actual general Fleet equipment purchased in 2009 will be based on the highest priority items identified by Fleet Management in cooperation with the using Departments.

When purchasing vehicles or equipment for replacement, departments are required to turn in a comparable piece of equipment, as identified by the Director of Fleet Management, for each unit that is replaced. Any department wishing to retain old equipment as spares or extra pieces must obtain prior authorization from the County Board. All cost associated with the repair, maintenance, and management of these unit(s) is the sole responsibility of the using department.

The 2009 fleet equipment program includes replacement equipment only. Departments requesting new and additional vehicles or equipment must make such a request in their budget so as to justify program needs and receive County Board approval. Funding for new/additional pieces must be added to the budget allocated for replacement equipment. All other associated expenses such as fuel, parts, and future anticipated expenses also should be identified.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive

Staffing Plan

The Department of Transportation and Public Works – Fleet Management Division will be responsible for overall project management.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO205	Project Title and Location Fiscal Monitoring System	4789-2009
Requesting Department or Agency DAS-Fiscal Affairs		Functional Group General Government
Department Priority 1	Person Completing Form Pamela Bryant	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$1,461,420				\$1,461,420
2008	\$150,000				\$150,000
2009	\$150,000				\$150,000
2010	\$350,000				\$350,000
2011	\$350,000				\$350,000
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$2,461,420	\$0	\$0	\$0	\$2,461,420

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation	\$1,611,420	\$150,000	\$700,000	\$2,461,420
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$1,611,420	\$150,000	\$700,000	\$2,461,420
DPW Charges				\$0
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$1,611,420	\$150,000	\$700,000	\$2,461,420

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	\$150,000
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment	
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$150,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)	5
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Project Fiscal Status

Prior Year Expenditures	\$540,680
2007 Expenditures	\$163,355
2008 Expenditures	\$66,383
Total Expenditures to Date	\$770,417
Encumbrances	\$731,833
Available Balance	\$109,170

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO205 – Fiscal Monitoring System

An appropriation of \$150,000 is budgeted to continue the development of a monitoring system to improve fiscal reporting for more efficient, effective and timely decision-making. Financing will be provided from \$150,000 in sales tax revenue.

The \$150,000 appropriation will be used to pay for consultant services for programming and other needs such as hardware and business software to provide the tools to improve the efficiency and effectiveness of fiscal budgeting, analysis and reporting.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

A consultant will be hired for programming. The Department of Administrative Services – Information Management Services Division will provide assistance to the Department of Administrative Services – Fiscal Affairs division to implement the project.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO422	Project Title and Location In Squad Cameras- Vision Hawk Digital	4789-2009
Requesting Department or Agency Sheriff's Department		Functional Group General Government
Department Priority 1	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008	\$195,700				\$195,700
2009	\$195,100				\$195,100
2010	\$200,000				\$200,000
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$590,800	\$0	\$0	\$0	\$590,800

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment	\$195,700	\$195,100	\$200,000	\$590,800
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest	\$5,700	\$5,100		\$10,800
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings	\$190,000	\$190,000	\$200,000	\$580,000
Other Expenses				\$0
Total Project Cost	\$195,700	\$195,100	\$200,000	\$590,800

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$192,300
Airport Reserve	
Investment Earnings	\$2,800
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$195,100

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	\$112,980
Total Expenditures to Date	\$112,980
Encumbrances	
Available Balance	\$82,720

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO422 – In-Squad Cameras

An appropriation of \$195,100, including \$5,100 in capitalized interest, is budgeted for the purchase of digital video cameras and image storage for the inside of Sheriff squad cars. Financing will be provided from \$192,300 in general obligation bonds and \$2,800 in investment earnings. This is part of a three-year project with \$195,700 having been appropriated in 2008 and anticipated appropriations of \$200,000 in 2010 for a total project cost of \$590,800.

Project appropriations will support the purchase of Vision Hawk Digital Evidence System cameras and image storage hardware for the Office of the Sheriff. A number of jurisdictions use video cameras to record traffic stops and also prisoner activity in squad cars. This is an effective way to ensure officer and citizen safety as well as provide accountability. Funding will provide a total of 64 cameras throughout the duration of this project.

In 2009, the Sheriff's Office will purchase the following:

21 digital video cameras @ \$6,000 each	\$126,000
Image storage for 21 cameras	\$64,000
TOTAL	\$190,000 (excluding capitalized interest)

A similar purchase took place in 2008. The first cameras installed in 2008 have tested successfully.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Sheriff's Office staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO601	Project Title and Location Countywide Technical Infrastructure Improvements	4789-2009
Requesting Department or Agency IMSD		Functional Group General Government
Department Priority	Person Completing Form Elizabeth Thundercloud	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$542,541				\$542,541
2008	\$5,300				\$5,300
2009	\$210,500				\$210,500
2010	\$240,000				\$240,000
2011	\$650,000				\$650,000
2012	\$650,000				\$650,000
2013	\$650,000				\$650,000
SUBSEQUENT					\$0
TOTAL	\$2,948,341	\$0	\$0	\$0	\$2,948,341

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation	\$18,400			\$18,400
Right-of-Way Acquisition				\$0
Equipment	\$529,441	\$210,500	\$2,190,000	\$2,929,941
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest	\$23,700	\$5,500		\$29,200
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings	\$524,141	\$205,000	\$2,190,000	\$2,919,141
Other Expenses				\$0
Total Project Cost	\$547,841	\$210,500	\$2,190,000	\$2,948,341

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$207,400
Airport Reserve	
Investment Earnings	\$3,100
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$210,500

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)	4
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Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$517,768
2008 Expenditures	\$29,926
Total Expenditures to Date	\$547,695
Encumbrances	\$45,997
Available Balance	(\$45,851)

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO601 – Countywide Technical Infrastructure

An appropriation of \$210,500, including \$5,500 in capitalized interest, is budgeted for replacement of the following equipment: a robotic tape drive for the Tivoli Storage Manager (TSM) backup environment, a storage controller and storage for both the Courthouse Storage Area Network (SAN) and TSM backup environment, and seven network switches across the County. Financing will be provided from \$207,400 in general obligation bonds and \$3,100 in investment earnings.

The current robotic tape drive does not have sufficient capacity to handle growing storage requirements. In addition, the current robotic tape drive lacks the processing speed to create tapes in time for early morning transportation to an off-site tape storage facility. As a result, tapes are not transported until the following day, potentially causing a significant loss of data in the case of a disaster or emergency. The storage controller and storage for the SAN and TSM environment are past their useful life, and need to be replaced in order to support current applications. The seven switches in need of replacement are also past the vendor's end date for support.

Staffing Plan

IMSD staff will be responsible for the project management, acquisition and deployment of this computer equipment.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO605	Project Title and Location Children's Court Phone System Replacement and Roebles Phone System Installation	4789-2009
Requesting Department or Agency IMSD		Functional Group
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$431,200				\$431,200
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$431,200	\$0	\$0	\$0	\$431,200

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				\$0
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment		\$431,200	\$0	\$431,200
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges				\$0
Capitalized Interest		\$11,200		\$11,200
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings		\$420,000		\$420,000
Other Expenses				\$0
Total Project Cost	\$0	\$431,200	\$0	\$431,200

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$425,000
Airport Reserve	
Investment	\$6,200
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$431,200

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO605 – Children’s Court Phone System Replacement and Roebles Phone System Installation

An appropriation of \$431,200 is budgeted, including \$11,200 in capitalized interest, to replace obsolete phone systems at the Children’s Court Center and the Roebles Building, a facility occupied by the Department of Health and Human Services (DHHS). Financing will be provided from \$\$425,000 in general obligation bonds and \$6,200 in investment earnings.

Children’s Court Phone System Replacement

A total of \$350,000 is budgeted to replace the phone system for Children’s Court Center building with a newer, more easily supported system.

The current phone system at the Children’s Court Center is one of the two oldest phone systems at Milwaukee County, and uses the same voicemail system that was replaced at the Courthouse in 2005 and the Coggs Center in 2008. This new phone system will prevent some of the voicemail issues encountered at the Courthouse, when the voicemail system would shut down at noon each day. This current telephone system is no longer supported by Nortel and replacement parts are difficult to obtain on the open market. As a result, the County’s telephone maintenance provider will only support this phone system on a best effort basis.

Roebles Phone System Installation

A total of \$70,000, is budgeted for the installation of a new phone system in the Roebles Building to replace the Centrex system which is currently leased. This project will provide fiber connectivity to the Roebles Building and will eliminate the current expense for the AT&T Centrex lines. The new system will also be integrated into the phone system at the Coggs building, allowing DHHS to access staff at both locations for call center activities.

Although the Roebles building is a leased facility, this phone system is recommended because it can be transported to a new location. In addition, the operating expense of the current Centrex system is very high and as a result the project cost will be offset by savings in less than five years.

Staffing Plan

IMSD staff will be responsible for overall project management.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO606	Project Title and Location Rewire County Facilities	4789-2009
Requesting Department or Agency IMSD		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$551,420				\$551,420
2008	\$288,000				\$288,000
2009	\$185,300				\$185,300
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$1,024,720	\$0	\$0	\$0	\$1,024,720

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$30,500		\$30,500
Construction & Implementation	\$17,500	\$0		\$17,500
Right-of-Way Acquisition				\$0
Equipment	\$813,000	\$154,800	\$0	\$967,800
Other	\$8,920			\$8,920
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$334,700			\$334,700
DPW Charges		\$30,000		\$30,000
Capitalized Interest	\$17,500	\$4,800		\$22,300
Park Services				\$0
Disadv. Business Serv.	\$3,300	\$500		\$3,800
Buildings/Structures	\$475,000			\$475,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings		\$150,000		\$150,000
Other Expenses	\$8,920			\$8,920
Total Project Cost	\$839,420	\$185,300	\$0	\$1,024,720

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$182,600
Airport Reserve	
Investment	\$2,700
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$185,300

Cost Estimates Prepared By

DPW Review By

Project Useful Life (Years)

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Project Fiscal Status

Prior Year Expenditures	\$0
2007 Expenditures	\$93,567
2008 Expenditures	\$127,431
Total Expenditures to Date	\$220,998
Encumbrances	\$316,130
Available Balance	\$302,292

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO606 – Rewire County Facilities

An appropriation of \$185,300 is budgeted, including \$4,800 in capitalized interest, for design and equipment to upgrade the cabling in the Safety Building, CJF, and some additional wiring in the Courthouse. Financing will be provided from \$182,600 in general obligation bonds and \$2,700 in investment earnings.

This project is required for the Milwaukee County District Attorney's Office to more effectively access the State of Wisconsin District Attorney's PROTECT case management system.

By late 2008, the Milwaukee County District Attorney's Office will be an active user of the PROTECT case management system. This new system will enable the District Attorney's Office to manage cases, track defendants and generate many forms and other documents. Without additional cabling for wired and wireless computers and printers in these courtrooms, this system cannot be used effectively.

Staffing Plan

DTPW and IMSD staff will be responsible for overall project management.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO618	Project Title and Location Public Safety Communication Project	4789-2009
Requesting Department or Agency Department of Administrative Services		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$338,800				\$338,800
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$338,800	\$0	\$0	\$0	\$338,800

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$41,000		\$41,000
Construction & Implementation		\$133,800		\$133,800
Right-of-Way Acquisition				\$0
Equipment		\$164,000		\$164,000
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$41,000		\$41,000
DPW Charges				\$0
Capitalized Interest		\$8,800		\$8,800
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$125,000		\$125,000
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings		\$164,000		\$164,000
Other Expenses				\$0
Total Project Cost	\$0	\$338,800	\$0	\$338,800

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$333,900
Airport Reserve	
Investment Earnings	\$4,900
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$338,800

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO618 – Public Safety Communications Project

An appropriation of \$338,800 is budgeted, including \$8,800 in capitalized interest, for design, construction and equipment to relocate the existing 800 MHz radio tower site at the House of Correction (HOC). Financing will be provided from \$333,900 in general obligation bonds and \$4,900 in investment earnings. The relocation is necessitated by the decommissioning and planned demolition of the HOC water tower.

Milwaukee County operates an 800 MHz trunked radio system with nine tower sites throughout Milwaukee county that supports approximately 70 agencies including the Milwaukee County Sheriff’s Department, Milwaukee County Transit System and seventeen municipalities’ first responder (police/fire/EMS) agencies. The House of Correction water tower is currently an analog radio transmit/receive site for Milwaukee County – serving the HOC and first responder agencies for the cities of Franklin, Oak Creek and Hales Corners.

In 2007, the HOC relocated its water service from its existing tower to the City of Franklin water main, lowering costs for water service and eliminating the need for regular repairs to an aging water tower. One consequence of this change is that the stability and integrity of the tower is now questionable. The antennas, lines and associated equipment for the radio system that are attached to the water tower must be relocated nearby to maintain adequate coverage for radio system users in the area.

IMSD has worked with the Department of Transportation and Public Works, House of Correction and Milwaukee County Sheriff’s Office officials to evaluate costs and logistical issues for various options, including relocating the site on the existing HOC grounds by constructing a monopole tower and relocating the equipment to the City of Franklin water tower. In addition, IMSD has worked with SBA, the County’s cell tower site development vendor, and Fullerton Engineering Consultants to determine associated costs and recommendations. Based on this analysis, it has been determined that the most appropriate and cost-effective solution is to relocate the existing antenna to a new monopole tower to be constructed on the HOC grounds.

The costs associated with this project include:

• New monopole tower/services (per SBA Communications)	\$230,000
• New antennas and lines (inc. installation)	\$100,000
 Total Equipment and Services Amount	 \$330,000

Staffing Plan

IMSD staff will be responsible for overall project management.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO619	Project Title and Location Disaster Recovery Site	4789-2009
Requesting Department or Agency Department of Administrative Services		Functional Group General Government
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008					\$0
2009	\$369,600				\$369,600
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$369,600	\$0	\$0	\$0	\$369,600

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$50,350	\$0	\$50,350
Construction & Implementation		\$261,340	\$0	\$261,340
Right-of-Way Acquisition				\$0
Equipment		\$57,910		\$57,910
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges		\$50,350		\$50,350
Capitalized Interest		\$9,600		\$9,600
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures		\$251,740		\$251,740
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings		\$57,910		\$57,910
Other Expenses				\$0
Total Project Cost	\$0	\$369,600	\$0	\$369,600

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$364,300
Airport Reserve	
Investment Earnings	\$5,300
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$369,600

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	
Total Expenditures to Date	\$0
Encumbrances	
Available Balance	\$0

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO619 – Regional Disaster Recovery Data Center

An appropriation of \$369,600, including \$9,600 in capitalized interest, is budgeted to collaborate with Milwaukee Metropolitan Sewage District (MMSD) for purchase of equipment relating to a Regional Disaster Recovery Data Center. Financing will be provided from \$364,300 in general obligation bonds and \$5,300 in investment earnings.

This project will allow Milwaukee County to share a disaster recovery site in a MMSD building. Currently, many government entities in Southeastern Wisconsin do not have disaster recovery facilities. The use of this facility would provide the County as well as other government entities access to a site in the event of a disaster or interruption to their primary IT location. Without a disaster recovery facility, most governmental services would not be feasible if a disaster occurs due to their dependency on IT applications.

This site would provide disaster recovery capabilities to the County and other municipalities in the event of a disaster or the periodic testing of IT recovery.

Staffing Plan

DTPW and IMSD staff will be responsible for the project management, acquisition, and construction of this data center.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO860	Project Title and Location King Community Center – Vestibule and Locker Room Alterations	4789-2009
Requesting Department or Agency Office for Persons with Disabilities		Functional Group
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$2,128,074				\$2,128,074
2008					\$0
2009	\$210,700				\$210,700
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$2,338,774	\$0	\$0	\$0	\$2,338,774

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		\$34,200		\$34,200
Construction & Implementation	\$2,128,074	\$176,500		\$2,304,574
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services		\$20,000		\$20,000
DPW Charges		\$14,200		\$14,200
Capitalized Interest		\$5,500		\$5,500
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures	\$2,128,074	\$171,000		\$2,299,074
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$2,128,074	\$210,700	\$0	\$2,338,774

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$207,600
Airport Reserve	
Investment Earnings	\$3,100
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$210,700

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$1,755,937
2007 Expenditures	\$79,044
2008 Expenditures	\$18,443
Total Expenditures to Date	\$1,853,425
Encumbrances	
Available Balance	\$274,649

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO860 – King Community Center – Vestibule and Locker Room Alterations

An appropriation of \$210,700 is budgeted, including \$5,500 in capitalized interest for design and construction to complete Americans with Disabilities Act (ADA) building improvements at the Dr. Martin Luther King Recreation and Community Center (King Community Center). Financing will be provided from \$207,600 in general obligation bonds and \$3,100 in investment earnings.

The 2006 Capital Improvements Budget included \$269,437 to correct accessibility deficiencies at the King Community Center. The facility serves a large and diverse constituency with a wide variety of community-oriented programs, services, and activities. The building renovations involved modification to the restrooms, installation of power doors and accessible hardware, widening of doorways, providing accessible drinking fountains, etc.

The Department of Transportation and Public Works and consultant Vanderwiel Facility Advisors assessed the King Center in the fall of 2007 and found various building deficiencies, including ADA code compliance issues that have been incorporated into the VFA On-line Building Assessment Report. The costs for the VFA identified improvements exceeded the 2006 budgeted amount. In addition, the report did not identify all of the ADA irregularities. Therefore, the 2006 appropriation was used to hire an outside architectural design firm to survey and document all of the ADA violations in rooms and spaces throughout the building.

The results of the survey indicated that not only did most of the building's hardware have to be replaced, but both men's and women's rest rooms and locker rooms would require modification. The modifications include removal of the wall in the entryway of both restrooms to create an ADA access entrance, plumbing modifications and other construction work. The main passageway into the lobby area of the building has to be reconfigured to meet ADA guidelines as well.

A cost estimate in the amount of \$418,200 was prepared to complete all of the work documented by the architects but it exceeded the \$269,437 in the 2006 budget. The remaining balance from the previous appropriation that is available to supplement the 2009 budgeted project funds is \$213,00 as of September 15, 2008. The 2009 appropriation of \$205,200 will provide the balance of the funding to complete the ADA improvements for the facility of \$418,200.

Any surplus appropriation available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without approval of the County Board of Supervisors and the County Executive.

Staffing Plan

Department of Transportation and Public Works staff will be responsible for overall project management. Specialized consultants will be retained as need.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO870	Project Title and Location County Special Assessments	4789-2009
Requesting Department or Agency Department of Public Works		Functional Group
Department Priority	Person Completing Form	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	\$4,618,076				\$4,618,076
2008	\$250,000				\$250,000
2009	\$250,000				\$250,000
2010	\$250,000				\$250,000
2011	\$250,000				\$250,000
2012	\$250,000				\$250,000
2013	\$250,000				\$250,000
SUBSEQUENT					\$0
TOTAL	\$6,118,076	\$0	\$0	\$0	\$6,118,076

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$500,000	\$250,000	\$1,000,000	\$1,750,000
Construction & Implementation				\$0
Right-of-Way Acquisition				\$0
Equipment				\$0
Other	\$4,368,076			\$4,368,076
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services				\$0
DPW Charges	\$30,000	\$30,000	\$120,000	\$180,000
Capitalized Interest				\$0
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures				\$0
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses	\$4,838,076	\$220,000	\$880,000	\$5,938,076
Total Project Cost	\$4,868,076	\$250,000	\$1,000,000	\$6,118,076

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	\$250,000
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment	
Earnings	
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$250,000

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	\$4,334,465
2007 Expenditures	\$268,379
2008 Expenditures	\$205,129
Total Expenditures to Date	\$4,807,972
Encumbrances	
Available Balance	\$60,104

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO870 – County Special Assessments

An appropriation of \$250,000 is budgeted for special assessments levied on the County by local municipalities. Financing of \$250,000 will be provided from sales tax revenue.

Typically, the special assessments are for the installation of improvements such as street pavement, curb and gutter, sidewalks, water main and sewers in areas abutting County lands or facilities.

Staffing Plan

Overall, staff from the Department of Transportation and Public Works, Transportation Division, will perform project management.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO950	Project Title and Location Milwaukee County Public Art Program	4789-2009
Requesting Department or Agency Department of Administrative Services		Functional Group General Government
Department Priority N/A	Person Completing Form Pamela Bryant	Date September 25, 2008

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					\$0
2008	\$221,019				\$221,019
2009	\$249,249				\$249,249
2010					\$0
2011					\$0
2012					\$0
2013					\$0
SUBSEQUENT					\$0
TOTAL	\$470,268	\$0	\$0	\$0	\$470,268

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	\$17,000	\$20,000		\$37,000
Construction & Implementation	\$204,019	\$229,249		\$433,268
Right-of-Way Acquisition				\$0
Equipment				\$0
Other				\$0
PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2009 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				\$0
Professional Services	\$17,000	\$20,000		\$37,000
DPW Charges				\$0
Capitalized Interest	\$5,900	\$6,000		\$11,900
Park Services				\$0
Disadv. Business Serv.				\$0
Buildings/Structures	\$198,119	\$223,249		\$421,368
Land/Land Improvements				\$0
Roadway Plng & Construction				\$0
Equipment & Furnishings				\$0
Other Expenses				\$0
Total Project Cost	\$221,019	\$249,249	\$0	\$470,268

Budget Year Financing

Federal, State and Local Aids	\$0
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	\$20,000
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	\$225,949
Airport Reserve	
Investment Earnings	\$3,300
PFC Revenue	
Gifts & Cash Contributions	
PFC Bonds	
Total Budget Year Financing	\$249,249

Cost Estimates Prepared By	DPW Review By
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Project Useful Life (Years)

Project Fiscal Status

Prior Year Expenditures	
2007 Expenditures	
2008 Expenditures	\$18,142
Total Expenditures to Date	\$18,142
Encumbrances	\$8,741
Available Balance	\$194,136

Project Annual Operating Costs

Net Annual Depreciation	
Change in Operating Costs	
Annual Interest Expense	
Change in Annual Costs	
Change in Annual Revenues	
Change in Property Taxes	

Project Schedule

Complete Site Acquisition
Complete Preliminary Plans
Complete Final Plans & Specifications
Begin Construction
Complete Construction
Scheduled Project Closeout

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO950 – Milwaukee County Public Art Program

An appropriation of \$249,249 is budgeted, including \$6,000 in capitalized interest, for the public art program. Financing for the project will be provided from \$223,249 in general obligation bonds, \$20,000 in sales tax revenue, and \$3,300 in investment earnings.

In reviewing budgeted eligible projects for 2009, one percent of the costs for eligible projects are approximately \$223,249. Included in the budgeted amount of \$243,249 is an allocation of \$20,000 for administrative costs.

Not all of the projects listed on the following page may provide opportunities for public art, but these projects appear eligible based on the Milwaukee County One Percent for Art Program Guidelines. The Public Art Committee may decide that funds from a specific improvement project are insufficient or that the site is inappropriate for public art. Funds may then be transferred to other Percent for Art projects or remain in the Public Art Program account. Therefore, actual fund amounts for an art project may not equal one percent of its construction cost. Although funds within the Airport may be transferred to and from Airport projects through an appropriation transfer as approved by the County Board, Airport funds cannot be transferred to non-Airport projects within the Public Art Program as described in the paragraph below.

The Airport capital budget includes \$18,800 for public art in 2009. There are two Airport projects that comply with the percent for art guidelines: Project WA091 – Mall Level Restroom Renovations \$12,550 and Project WA140 GMIA – Parking Structure sixth Floor Membrane \$6,250. Public art projects for the Airport must be financed and budgeted separately, according to Federal regulations and the lease agreement between Milwaukee County and the airlines. Therefore, Airport public art projects and qualifying public art projects identified throughout the rest of the capital budget must maintain two separate funding sources, and these two funding sources cannot be commingled.

The Public Art Committee is comprised of nine members, four appointed by the County Executive, four appointed by the County Board Chairman and the Director of Transportation and Public Works.

Pursuant to guidelines established in the 2000 Budget, the County Executive and County Board will designate and finance County capital projects for the one percent Public Art Program through the annual adopted budget.

To be eligible for the Public Art Program, a project must:

1. Have a construction budget of \$500,000 or more.
2. Be a structure/facility to which the public has access, or
3. Be a roadway, highway and/or bike trail.

Projects that are not eligible for the Public Art Program include:

1. Purchase of computer equipment.
2. Purchase of fleet equipment.
3. Projects involving demolition (without reconstruction).
4. Projects that do not involve or provide general public access.
5. Land development projects involving environmental remediation/redevelopment.

The Committee is charged with reviewing the eligibility criteria, artist selection and making recommendations for additions/modifications. Any changes to the program criteria will require the review and approval of the County Board and the County Executive.

The Director of Transportation and Public Works is responsible for contracting with artists and authorizing payment from the Public Art Program. Standard accounting procedures for disbursements will be followed.

2009 RECOMMENDED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO950 – Milwaukee County Public Art Program (Continued)

Once a capital project is identified for public art, a selection panel appointed by the Public Art Committee will review proposals for specific projects and make recommendations to the Public Art Committee. The Public Art Committee then selects the final artist and approves the installation of work before the final payment is made.

The following is a list of eligible (non-Airport) projects for 2008:

Project Number	Project Name	Construction	
		Budget	1 Percent
WH01018	Reconstruct Hampton Avenue Hwy 100 to 124th St.	\$561,000	\$5,610
WH08303	W. Silver Spring Drive over Little Menomonee River (City of Milwaukee)	\$5,155,000	\$51,550
WH08601	W. Good Hope Rd	\$4,984,220	\$49,842
WH08602	W. Good Hope Rd. Little Menomonee to N. 99th St	\$1,750,000	\$17,500
WH08003	Lake Park Bridge over Drainage Ravine	\$870,000	\$8,700
WP10502	Lincoln Family Aquatic Center	\$4,913,000	\$49,130
WP06901	Countywide Play Area Redevelopment Program	\$1,541,661	\$15,417
WO02901	Milwaukee County Historical Society Renovation	\$2,550,000	\$25,500
	Total	\$22,324,881	\$223,249

Bond proceeds are limited to the construction of the artwork and artistic cost relating to construction. All other expenses of the program must be financed with another revenue source. Project administration costs of \$20,000 are financed with sales tax revenues.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriations shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive.

Staffing Plan

The Department of Transportation and Public Works-Architecture and Engineering staff will be responsible for project management for the Public Art Committee projects.