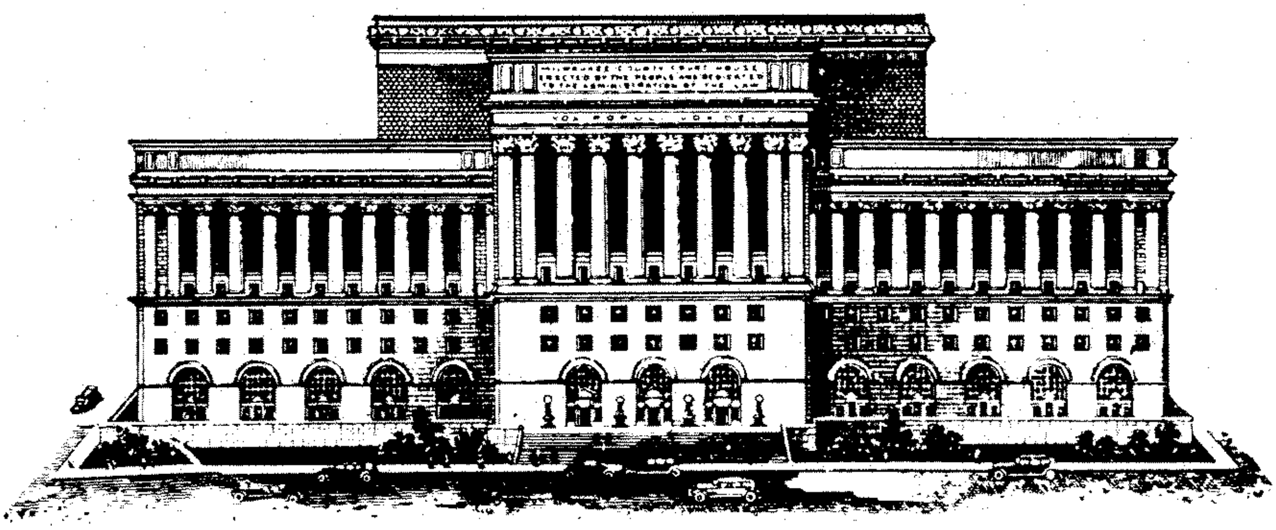
MILWAUKEE COUNTY
2002 ADOPTED BUDGET
CAPITAL IMPROVEMENTS



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2002 ADOPTED CAPITAL IMPROVEMENTS

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INTRODUCTION

The 2002 Adopted Capital Improvements Budget includes 82 separate projects for a total expenditure appropriation of $104,279,395. Anticipated reimbursement revenue (Federal, State and local grants) totals $33,796,891, resulting in net County financing of $70,482,504.

Appropriations for 69 corporate purpose (non-Airport) projects total $70,577,665, with offsetting reimbursement revenues of $24,359,391. The resulting net County financing of $46,218,274 is to be financed by $40,783,083 in general obligation corporate purpose bonds, $1,806,000 in passenger facility charges (PFC) revenue, $50,695 in construction fund investment earnings, $2,672,070 in sales tax revenues, $350,000 in Potawatomi revenue and $556,426 in revenue related to billboard leasing at the Zoological Gardens.

Budgeted expenditure appropriations for 2002 Airport capital improvements total $33,701,730. Airport reimbursement revenue of $9,437,500 results in net County financing of $24,264,230 which is financed by revenue derived from passenger facility charges (PFC) totaling $23,448,500 and $815,730 from the Airport capital improvement reserve. Airport bonds will not be required to finance 2002 projects.

Since 1982, all Airport improvement costs not reimbursed by State or Federal agencies have been debt financed using general obligation bonds, pay-as-you-go PFC revenues or revenues from the Airport capital improvement reserve. Airlines housed in General Mitchell International Airport (GMIA) have 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 these bonds may be subject to the Alternative Minimum Tax for some taxpayers. The County began issuing General Airport Revenue Bonds (GARBs) in 2000 to finance the GMIA parking facility. All debt service payments for the revenue bonds will be the responsibility of the Airlines using GMIA.

Comparison to 2001 Adopted Budget

The 2001 Adopted Capital Improvements Budget included 88 separate projects for a total expenditure appropriation of $116,179,409. Anticipated reimbursement revenue (Federal, State and local grants) totaled $40,152,509 resulting in net County financing of $76,026,900. Appropriations for 72 corporate purpose (non-airport) projects totaled $78,365,759 with offsetting reimbursement revenues of $27,033,634. The resulting net county financing of $51,332,125 was financed by $40,891,525 in general obligation corporate purpose bonds, $879,000 in power plant revenues, $1,848,600 in passenger facility charges (PFC) revenue, $27,800 in construction fund investment earnings, $1,110,200 in sales tax revenues, $1,500,000 in Federal revenue from the U.S. Marshals Service agreement, $4,000,000 in 2000 bond proceeds from the CMC (Amtrak) Train Depot Renovation project, $875,000 in Potawatomi revenue and $200,000 in Economic Development land sales revenue.

2002 Adopted Expenditure Appropriations by Function

The largest 2002 expenditure category is for Transportation and Public Works-related departments. Budgeted appropriations total $63,358,590. This amount represents approximately 61 percent of the total 2002 Capital Improvements Budget. Major Transportation and Public Works projects include WA038 – GMIA "C" Concourse Gate Taxiway Expansion ($8,740,000), WA308 – GMIA Phase I Mitigation ($6,250,000), WH222 – NHS –Good Hope Road/N. Port Washington Road ($2,254,200) and WT010 – Bus Replacement Program – Neoplan & Gillig ($15,800,000). Fifty-one percent of the cost of Transportation and Public Works projects is offset with reimbursement revenues. In comparison to the 2002 budget overall, the reimbursement revenues budgeted for this category represent $32,524,260 or 96 percent of the $33,796,891 total budgeted in reimbursement revenue for 2002.

The functional area receiving the next largest appropriation is Parks, Recreation and Culture. Budgeted appropriations total $17,075,543. This amount represents 16 percent of the total capital budget. Major projects include WP513 – McKinley Marina Redevelopment ($3,676,250), WP411 – Parks Infrastructure Improvements ($2,000,000), WP015 – Washington Park Redevelopment ($1,418,000), WZ003 – Zoo Animal Hospital ($2,000,000) and WZ585 – Zoo Infrastructure Improvements ($1,611,120).

Budgeted appropriations for General Government departments total $15,281,902. This amount represents 15 percent of the total capital budget. Major appropriations include WJ015 – House of Correction Industries Building ($750,000), WO858 – Fleet Equipment Acquisition ($4,794,349), WO878 – Sheriff's Training Academy ($3,500,000), and WO030 – Countywide Access Road Improvement Program ($907,595).

Capital appropriations for Health and Human Services departments total $3,563,360. This amount represents 3 percent of the total capital budget. The most significant projects budgeted for this functional area are WG007 – Plank Road School Complex – Demolition ($885,000) and WS005 – 12th and Vliet Street Building Renovation ($1,534,000).

The final category is the capital reduction category that restores the $5 million in general obligation bond financing that was delayed until 2002.

MAJOR 2002 CAPITAL IMPROVEMENT ISSUES

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. 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: approval of issuance of debt at a referendum, 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, actual authorization of the debt prior to the August 12, 1993 effective date of the rate limit, issuance of debt for regional projects as described in Section 67.05(7)(f), Wisconsin Statutes, issuance of debt to refund outstanding municipal obligations or 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 may not be used to finance these projects. The 2002 Capital Improvements Budget does contain some expensed projects (non-capitalized). These projects are financed with sales tax revenue, revenue related to billboard leasing at the Zoological Gardens, Potawatomi 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.

Department of Public Works (DPW) 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 Public Works, the Department of 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, DPW prepares a final staffing plan which is reviewed and approved by the County Board. Any subsequent changes to the final 2002 staffing plan will be submitted for review and approval to the County Board of Supervisors.

Appropriations Based on Cash Flow Needs

The 2002 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 which exceed the budgeted appropriation. In these cases, subsequent appropriations may be necessary to complete project financing. In several instances, recommendations for 2002 will result in contractual obligations for 2003 or subsequent years to complete project financing.

PFC Revenues

During 1995, General Mitchell International Airport received authorization to charge a $3 per person Passenger Facility Charge (PFC). The 2002 Capital Improvement Budget reflects $25,188,500 in pay-as-you-go PFC revenues. The Airport Capital Improvement Budget reflects $23,448,500 in PFC revenues. In addition, PFC revenues of $1,740,000 are budgeted for 2002 in WO858 – Fleet Equipment Acquisition as an offset to equipment costs for items being purchased for the Airport.

Federal Expenditure Targets for Tax Exempt Bonds

Beginning with 1990 bond issues, the Federal government established expenditure targets for spending tax-exempt municipal bond proceeds. Failure to meet these targets subjects the County to rebating all interest earnings on the issue to the Federal government or paying financial penalties totaling up to 3 percent of the unspent principal amount for each year the target is unmet. If expenditure targets are not met, appropriations for individual projects will be reduced to pay rebate or penalty amounts. The 2002 corporate purpose issue is anticipated to follow a 24-month expenditure target:

2002 Corporate Purpose 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

Five percent of proceeds can be spent after the final month 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 first quarter of the calendar year. Prior to debt issuance, some expenditures may have already occurred for new projects. This practice subjects the County to regulations for reimbursement bonds. The 2002 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 2002 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 2002 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 2002 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 2002 capital improvements on a long-term basis because they are allocated to other capital improvements. The 2002 General Obligation Corporate Purpose Bonds were sold January 17, 2002 and issued on February 5, 2002.

3. Cash outlays for debt service payments on 2002 bond issues will not be required until 2003. However, proprietary fund departments budget for accrued interest payments during each calendar year. This expense is

abated in the County's debt service fund. The County's current 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.

Capitalized Interest and Construction Fund Earnings Recorded in Capital Projects Fund

The current interest expense on bonds issued for projects which 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). The 2002 Capital Improvements Budget includes $101,395 in appropriation authority to pay capitalized interest costs for a number of proprietary fund projects. In cases where no capitalized interest is charged to the project, operating interest expense is included in the departmental operating budget. Operating interest expense is the interest cost for bonds on projects which are complete or substantially complete and interest costs on equipment acquisition. Interest costs on equipment acquisition are not charged to the project construction fund. Capitalized and operating interest expense is reflected as an abatement to the debt service fund expenditure budget to avoid double counting this expenditure. Net capitalized interest costs will be reduced by construction fund earnings on unspent bond proceeds. The 2002 budget anticipates $50,695 in investment earnings on 2002 bonds. These earnings are recorded directly in the capital projects fund as another source of project financing. 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 2002 Capital Improvements

Beginning with the 1995 capital budget, the County established cash financing goals to be implemented over a seven-year period. This policy served to increase minimum cash financing by 2.0 percent annually. For 2002, the pay-as-you-go cash financing goal must be at least 20 percent of net County financed project costs. Net County financing included in the 2002 budget totals $70,482,504, including the Airport. Therefore, cash needed to meet the 20 percent financing goal is calculated at $14,096,501. Actual cash budgeted is $29,699,421 or 42.14 percent of net County financing which fulfills the 20 percent goal. This cash amount includes $881,730 in revenue from the Airport capital improvement reserve and $25,188,500 in passenger facility charges (PFCs) revenues. The balance of the cash financing is provided from revenue related to billboard leasing at the Zoological Gardens, sales tax revenues, investment earnings and Potawatomi revenue.

Excluding Airport projects, net County financing totals $46,218,274 of which $5,435,191 is cash or 11.76 percent of net County financing.

Adopted Financing for 2002 Capital Improvements

Budgeted financing for 2002 corporate purpose (non-airport) improvements is a combination of Federal, State and local government reimbursement revenues, general obligation bonds and notes, PFC revenues, revenue related to billboard leasing at the Zoological Gardens, sales tax revenues, Potawatomi revenues and investment earnings from proprietary-funded construction projects. Budgeted debt financing for 2002 corporate purpose improvements totals $40,783,083. The total bond amount includes an appropriation of $5,000,000 to replace bonds that were reduced in the 2001 Adopted Capital Improvements Budget. Therefore, bond financing for 2002 projects totals $35,783,083.

The budgeted debt financing of $40,783,083 represents approximately 58 percent of the total corporate purpose appropriation of $70,577,665. The remaining 42.2 percent of budgeted corporate purpose appropriations is cash financed or financed from reimbursement revenues. Reimbursement revenues total $24,359,391.

Budgeted debt financing for 2002 will be structured to finance WO201 – IMSD Server Replacement, WO202 – Voice and Data Communications, WO858 – Fleet Equipment Acquisition and WO301 – IMSD Technical Infrastructure over a four-year period. The balance of 2002 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 the DHS-Behavioral Health Division and Mass Transit System, may be supported in part by operating revenues. This is in contrast to many governmental fund improvements which are wholly tax revenue supported. Debt issued for the Airport is backed by revenues from the Airlines.

Capital Improvement Plan (2002-2006)
An indication of the County's future capital needs is contained in the Five-Year Adopted Capital Improvements Budget (2002-2006). The Five-Year Plan is viewed as a "general blueprint for planned future capital expenditures." This Plan was constructed based on a general consensus among departments on their capital needs over the next few years in order to develop a comprehensive capital budget forecast. Although details of the plan are subject to change, it is a useful capital planning guideline for the County.

This information contained in the Five-Year Plan is important for structuring debt issues and scheduling major projects to lessen year to year fluctuations in needed tax revenues. It should be understood, however, that significant changes are possible in departmental priorities and project schedules and costs from one year to the next.

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. These policies included 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 2002 is that 20 percent of County financed project costs be financed from cash sources.

Table four found on the next pages of this section contains a summary of selected debt affordability indicators and provides a comparison of 2002 information with prior year information.

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TABLE 1

MILWAUKEE COUNTY CAPITAL IMPROVEMENT APPROPRIATIONS

	1998 Budget (a) Appropriation		1999 Budget (b) Appropriation		2000 Budget Appropriation		2001 Budget (c) Appropriation		2002 Budget (d) Appropriation	
TRANSPORTATION & PUBLIC WORKS										
Highways and Bridges	$10,896,750		$16,950,000		$20,240,000		$9,901,000		$8,595,900	
Mass Transit	$3,583,800		$18,760,562		$11,061,000		$17,884,162		$20,590,960	
Airports	$19,420,700		$20,256,250		$36,628,550		$37,813,650		$33,701,730	
Environmental	$337,000		$284,000		$1,072,000		$215,000		$470,000	
TOTAL	$34,238,250	44%	$56,250,812	50%	$69,001,550	59%	$65,813,812	54%	$63,358,590	61%
PARKS, RECREATION & CULTURE										
Department of Parks	$9,220,400		$10,954,765		$12,865,144		$20,980,748		$8,990,173	
Stadium	$4,000,000		$6,000,000							
McKinley Marina	$265,000		$150,000		$706,236		$5,755,115		$3,676,250	
Museum	$723,800		$0						$773,000	
Zoo	$753,000		$723,600		$2,469,000		$4,250,000		$3,636,120	
TOTAL	$14,962,200	19%	$17,828,365	16%	$16,040,380	14%	$30,985,863	26%	$17,075,543	16%
HEALTH & HUMAN SERVICES										
DHS-Behavioral Services	$189,700		$1,232,200		$338,800		$389,700		$718,610	
Human Services	$1,000,000		$506,000		$950,600		$2,500,000		$1,959,750	
DPW County Grounds	$700,000		$1,279,444		$4,497,500		$4,761,500		$885,000	
TOTAL	$1,889,700	2%	$3,017,644	3%	$5,786,900	5%	$7,651,200	6%	$3,563,360	3%
GENERAL GOVERNMENT										
Courthouse Complex	$884,100		$3,043,284		$1,869,900		$645,100		$819,330	
House of Correction	$10,810,300		$1,550,000		$1,334,000		$1,046,000		$1,613,000	
Other County Agencies	$15,750,200		$30,317,064		$23,765,368		$15,037,434		$12,849,572	
TOTAL	$27,444,600	35%	$34,910,348	31%	$26,969,268	23%	$16,728,534	14%	$15,281,902	15%
CAPITAL REDUCTION							($5,000,000)		$5,000,000	
TOTAL CAPITAL IMPROVEMENTS	$78,534,750		$112,007,169		$117,798,098		$116,179,409		$104,279,395	

(a) Subsequent to budget adoption, the County Board of Supervisors reduced appropriations for new parking facilities at GMIA by $3,341,700, eliminated expenditure appropriations of $1,500,000 for the Cathedral Square Renovation and added an expenditure appropriation of $993,265 for the Red Arrow Park Ice Rink.

(b) Subsequent to budget adoption, the County Board of Supervisors increased appropriations by $137,067 for the addition of State funded equipment for WO861 - Trunk Radio Simulcast and revised the project scope and financing for WO881 - War Memorial Sea Wall. The modified financing compensates for a State and City of Milwaukee revenue shortfall. The revised financing calls for the use of $700,000 in existing project funds and $400,000 in revenue from the State or the Art Museum (in the absence of State funds) for a total budget of $1.1 million in 1999.

(c) The total budgeted appropriation of $121,179,409 for 2001 has been reduced by $5,000,000 to $116,179,409. In calculating each category's percentage share of the total budget, however, the gross amount of $121,179,409 was used.

(d) The total budgeted appropriation of $104,279,395 for 2002 includes $5,000,000 in expenditures and revenues to restore the reduction of $5,000,000 from 2001. In addition, subsequent to 2002 budget adoption, the County Board approved several appropriation transfers, the net effect of which increased the 2002 budget by $797,506.

TABLE 2

ADOPTED 2002 CAPITAL IMPROVEMENT BUDGET AND FINANCING SUMMARY

Project		Project Description	Capitalized Interest	Adopted	Reimbursement Revenue	Net County Financing	Adopted County Financing: Sales Tax Revenues	Investment Earnings	Miscellaneous [2] Revenues	Potawatomi Revenue	PFC/Reserve Revenue	Bonds
		TRANSPORTATION AND PUBLIC WORKS										
		Airports										
WA	009	GMIA - Concession Mall Renovation		780,730	-	780,730					780,730	-
WA	024	GMIA - Ground Run-up Enclosure (formerly the Hush House)		5,000,000	-	5,000,000					5,000,000	-
WA	034	GMIA - Electrical System Upgrade - Airfield		500,000	437,500	62,500					62,500	-
WA	035	GMIA - Elevator Controls Upgrade		420,000	-	420,000					420,000	-
WA	036	GMIA - Parking Lot Shelter and Security Upgrade [1]		35,000	-	35,000					35,000	-
WA	038	GMIA - "C" Concourse Gate Taxiway Expansion		8,740,000	-	8,740,000					8,740,000	-
WA	039	GMIA - Mall Lighting Renovation		330,000	-	330,000					330,000	-
WA	040	GMIA - Terminal Wall Treatments		998,000	-	998,000					998,000	-
WA	041	GMIA - "C" Concourse Hydrant Fuel Construction		3,906,000	-	3,906,000					3,906,000	-
WA	042	GMIA - Baggage Claim Remodeling - Design		1,050,000	-	1,050,000					1,050,000	-
WA	044	GMIA - Enhanced Security Post		1,942,000	-	1,942,000					1,942,000	-
WA	308	GMIA - Phase I Mitigation Program		6,250,000	5,625,000	625,000					625,000	-
WA	332	GMIA - School/Church Sound Insulation		3,750,000	3,375,000	375,000					375,000	-
	WA	**Total Airports**	$ -	$ 33,701,730	$ 9,437,500	$ 24,264,230	$ -	$ -	$ -	$ -	$ 24,264,230	$
		Highways & Bridges										
WH	001	Traffic Hazard Elimination Program		$ 400,000	360,000	40,000	$ -	$ -	$ -	$ -	$ -	40,000
WH	030	2002 Bridge Replacement Program	-	420,000	315,000	105,000	-	-	-	-	-	105,000
WH	201	County Trunk Highway Action Program		250,000	157,500	92,500	-	-	-	-	-	92,500
WH	202	Sixth Street Viaduct Replacement		600,000	-	600,000						600,000
WH	203	Major Rehabilitation - County Trunk Highways		1,877,700	1,807,700	70,000			70,000			-
WH	205	Bridge Replacement Program		2,350,000	1,880,000	470,000	-	-	-	-	-	470,000
WH	215	Traffic Signal Improvements on County Trunk Highways		50,000	-	50,000						50,000
WH	222	NHS - West Good Hope Road Resurfacing		2,254,200	1,352,520	901,680						901,680
WH	225	Culvert Replacement Program - Various Locations		100,000	-	100,000						100,000
WH	226	Bridge Rehabilitation Program		294,000	195,200	98,800	-	-	50,000	-	-	48,800
	WH	**Total Highways & Bridges**	$ -	$ 8,595,900	$ 6,067,920	$ 2,527,980	$ -	$ -	$ 120,000	$ -	$ -	$ 2,407,980
		Mass Transit										
WT	004	Schedule/Runcutting/Operators Extra Board - Phase II	$ -	$ 1,200,000	$ 960,000	$ 240,000						$ 240,000
WT	010	Bus Replacement Program - Neoplan & Gillig		15,800,000	13,095,000	2,705,000						2,705,000
WT	017	Summerfest Staging Area		275,000	275,000	-						-
WT	018	Fiebrantz Complex Renovations	9,910	1,223,810	971,120	252,690	-	4,955	-	-	-	247,735
WT	021	Bus Hoists		1,064,400	851,520	212,880						212,880
WT	263	Mobile Data Terminals		1,027,750	822,200	205,550						205,550
	WT	**Total Mass Transit**	$ 9,910	$ 20,590,960	$ 16,974,840	$ 3,616,120	$ -	$ 4,955	$ -	$ -	$ -	$ 3,611,165
		Environmental										
WV	003	Countywide Stormwater Discharge Permit - NR216		$ 360,000	$ -	$ 360,000	$ 360,000					$
WV	376	Underground Storage Tank Program - Various Sites		110,000	44,000	66,000			66,000			-
	WV	**Total Environmental**	$ -	$ 470,000	$ 44,000	$ 426,000	$ 360,000	$ -	$ 66,000	$ -	$ -	$
		Total Transportation & Public Works	$ 9,910	$ 63,358,590	$ 32,524,260	$ 30,834,330	$ 360,000	$ 4,955	$ 186,000	$ -	$ 24,264,230	$ 6,019,145
		PARKS, RECREATION AND CULTURE										
		Milwaukee Public Museum										
WM	563	Museum Security Fire/Life Safety System		773,000	-	773,000	56,000					717,000
	WM	**Total Milwaukee Public Museum**	$ -	$ 773,000	$ -	$ 773,000	$ 56,000	$ -	$ -	$ -	$ -	$ 717,000
		Department of Parks, Recreation & Culture										
WP	001	Boerner Botanical Gardens Visitor Center		$ 800,000	$ 710,000	$ 90,000						$ 90,000
WP	008	Kohl Park Development		500,000	-	500,000						500,000
WP	014	Brown Deer Golf Locker Room		150,000	-	150,000						150,000

TABLE 2

ADOPTED 2002 CAPITAL IMPROVEMENT BUDGET AND FINANCING SUMMARY

Project		Project Description	Capitalized Interest	Adopted	Reimbursement Revenue	Net County Financing	Sales Tax Revenues	Investment Earnings	Miscellaneous [1] Revenues	Potawatomi Revenue	PFC/Reserve Revenue	Bonds
							Adopted County Financing					
WP	015	Washington Park Redevelopment		1,418,000	-	1,418,000						1,418,000
WP	016	Mitchell Park Domes Redevelopment - HVAC - Phase II - Planning		150,000	-	150,000						150,000
WP	017	County-wide Trail and Hard Surface Renovation Program		1,000,000	-	1,000,000						1,000,000
WP	022	Dretzka - Golf Course Clubhouse Air Conditioning		377,673	-	377,673						377,673
WP	024	O'Donnell Park Maintenance		287,500	-	287,500			206,250			81,250
WP	025	Noyes Pool Planning		900,000	-	900,000						900,000
WP	028	Pool Demolition		300,000	-	300,000	300,000					-
WP	029	Aquatic Plant Harvesting Equipment		293,000	146,500	146,500						146,500
WP	406	County-Wide Play Area Redevelopment		250,000	-	250,000						250,000
WP	411	Parks Infrastructure Improvements	-	2,000,000	-	2,000,000	300,000	-	-	350,000	-	1,350,000
WP	434	Bender Park Golf Course (Planning)		-	-	-						-
WP	447	South Shore Breakwater/Shoreline Protection/Bike Trail (Planning)		564,000	-	564,000						564,000
	WP	**Total Department of Parks, Recreation & Culture**	$ -	$ 8,990,173	$ 856,500	$ 8,133,673	$ 600,000	$ -	$ 206,250	$ 350,000	$ -	$ 6,977,423
		McKinley Marina										
WP	513	McKinley Marina Redevelopment		$ 3,676,250	$ -	$ 3,676,250						3,676,250
		Total McKinley Marina		$ 3,676,250	$ -	$ 3,676,250	$ -	$ -	$ -	$ -	$ -	$ 3,676,250
		Zoo										
WZ	003	Animal Hospital		2,000,000	-	2,000,000						2,000,000
WZ	585	Zoo Infrastructure Improvements	-	1,611,120	100,000	1,511,120	-	-	-	-	-	1,511,120
WZ	596	Zoo Blifert Property Remediation		25,000	10,000	15,000			15,000			-
	WZ	**Total Zoo**	$ -	$ 3,636,120	$ 110,000	$ 3,526,120	$ -	$ -	$ 15,000	$ -	$ -	$ 3,511,120
		Total Parks, Recreation and Culture	$ -	$ 17,075,543	$ 966,500	$ 16,109,043	$ 656,000	$ -	$ 221,250	$ 350,000	$ -	$ 14,881,793
		HEALTH AND HUMAN SERVICES										
		DHS-Behavioral Health Division										
WE	001	CATC Roof Replacement "E" Building	6,860	$ 174,860	$ -	$ 174,860		$ 3,430				171,430
WE	016	Replace Day Hospital Fire Alarm System	17,150	437,150	-	437,150		8,575				428,575
WE	020	Psychiatric Hospital Elevator Lobbies	2,200	56,200	-	56,200		1,100				55,100
WE	021	Psychiatric Hospital Outlet Installation		50,400	-	50,400	1,224		49,176			-
	WE	**Total DHS-Behavioral Health Division**	$ 26,210	$ 718,610	$ -	$ 718,610	$ 1,224	$ 13,105	$ 49,176	$ -	$ -	$ 655,105
		DPW County Grounds										
WG	007	Plank Road School Complex - Demolition		$ 885,000	$ -	$ 885,000						$ 885,000
	WG	**Total DPW County Grounds**	$ -	$ 885,000	$ -	$ 885,000	$ -	$ -	$ -	$ -	$ -	$ 885,000
		Department of Human Services										
WS	005	12th and Vliet Street Building Renovation		$ 1,534,000	-	$ 1,534,000						$ 1,534,000
WS	012	Department of Aging - Wilson Park Senior Center HVAC System		425,750	-	425,750						425,750
	WS	**Total Department of Human Services**	$ -	$ 1,959,750	$ -	$ 1,959,750	$ -	$ -	$ -	$ -	$ -	$ 1,959,750
		Total Health and Human Services	$ 26,210	$ 3,563,360	$ -	$ 3,563,360	$ 1,224	$ 13,105	$ 49,176	$ -	$ -	$ 3,499,855
		GENERAL GOVERNMENT										
		Courthouse Complex										
WC	016	Courthouse Roof Replacement	$ 1,470	$ 37,470	$ -	$ 37,470		$ 735				$ 36,735
WC	017	Courthouse Perimeter Security Upgrade - Planning		250,000	-	250,000	250,000					-
WC	779	Courthouse Air Conditioning CFC Conversion	20,860	531,860	-	531,860		10,430				521,430
	WC	**Total Courthouse Complex**	$ 22,330	$ 819,330	$ -	$ 819,330	$ 250,000	$ 11,165	$ -	$ -	$ -	$ 558,165

TABLE 2

ADOPTED 2002 CAPITAL IMPROVEMENT BUDGET AND FINANCING SUMMARY

Project		Project Description	Capitalized Interest	Adopted	Reimbursement Revenue	Net County Financing	Adopted County Financing: Sales Tax Revenues	Investment Earnings	Miscellaneous [2] Revenues	Potawatomi Revenue	PFC/Reserve Revenue	Bonds
		House of Correction										
WJ	004	Smokestack Demolition, Disposal and Site Restoration		$ 102,000	$ -	$ 102,000	$ 102,000					$
WJ	014	HOC Infrastructure Improvements		155,000	-	155,000						155,000
WJ	015	Industries Building		750,000	-	750,000						750,000
WJ	020	Stairwell Cameras		96,000	-	96,000						96,000
WJ	803	ACC Fence Replacement		510,000	-	510,000						510,000
	WJ	**Total House of Correction**	$ -	$ 1,613,000	$ -	$ 1,613,000	$ 102,000	$ -	$ -	$ -	$ -	$ 1,511,000
		Other County Agencies										
WO	010	County Web, Internet and Electronic Commerce Development		$ 480,000	$ -	$ 480,000	$ 480,000					$
WO	021	Milwaukee County Public Art Program		202,478	-	202,478	43,831					158,647
WO	029	Milwaukee County Historical Society Renovation		100,000	-	100,000						100,000
WO	030	Countywide Access Road Improvement Program	35,595	907,595	-	907,595		17,795				869,800
WO	104	Fleet Central Garage - Shop Lighting		120,000	-	120,000						120,000
WO	105	Fleet Maintenance - Ventilation for Light Duty Repair Section	7,350	187,350	-	187,350		3,675				183,675
WO	201	IMSD Enterprise Server Replacement		510,000	-	510,000	$ 310,000					200,000
WO	202	Voice and Data Communications		112,200	-	112,200						112,200
WO	205	Advantage Capital Projects Module		420,000	-	420,000	420,000					-
WO	301	IMSD Technical Infrastructure		500,000	-	500,000	49,015					450,985
WO	858	Fleet Equipment Acquisition	-	4,794,349	269,651	4,524,698	-	-	-	-	1,806,000	2,718,698
WO	860	Countywide Handicapped Accessibility Program	-	315,600	36,480	279,120	-	-	-	-	-	279,120
WO	867	Research Park Infrastucture Improvements		220,000	-	220,000						220,000
WO	870	County Special Assessments		100,000	-	100,000			100,000			-
WO	872	War Memorial Improvements	-	380,000	-	380,000	-	-	-	-	-	380,000
WO	878	Sheriff's Training Academy		3,500,000	-	3,500,000						3,500,000
	WO	**Total Other County Agencies**	$ 42,945	$ 12,849,572	$ 306,131	$ 12,543,441	$ 1,302,846	$ 21,470	$ 100,000	$ -	$ 1,806,000	$ 9,313,125
		Total General Government	$ 65,275	$ 15,281,902	$ 306,131	$ 14,975,771	$ 1,654,846	$ 32,635	$ 100,000	$ -	$ 1,806,000	$ 11,382,290
WL	001	**Capital Improvement Expenditure/Bond Financing Reduction**	$ -	$ 5,000,000	$ -	$ 5,000,000	$ -	$ -	$ -	$ -	$ -	$ 5,000,000
		Grand Total Capital Improvements	$ 101,395	$ 104,279,395	$ 33,796,891	$ 70,482,504	$ 2,672,070	$ 50,695	$ 556,426	$ 350,000	$ 26,070,230	$ 40,783,083
		Total Excluding Airports	$ 101,395	$ 70,577,665	$ 24,359,391	$ 46,218,274	$ 2,672,070	$ 50,695	$ 556,426	$ 350,000	$ 1,806,000	$ 40,783,083

TABLE 3

MILWAUKEE COUNTY HISTORICAL CAPITAL IMPROVEMENT FINANCING
1978-2002

	Adopted Budget				Revised Budget				
Year	Appropriations	Revenue	Tax Revenue	Bonding	Appropriations	Revenue	Tax Revenue	Bonding	% Bonds
1978	$35,220,204	$3,835,421	$4,839,783	$26,545,000					75.4%
1979	$16,123,400	$3,159,957	$5,943,443	$7,020,000	$16,123,400	$3,159,957	$5,943,443	$9,710,000	60.2%
1980	$28,052,621	$5,813,868	$3,533,753	$18,705,000	$28,052,621	$5,813,868	$3,533,753	$0	0.0%
1981	$50,205,735	$17,071,327	$5,517,408	$27,617,000	$50,205,735	$17,071,327	$5,517,408	$27,617,000	55.0%
1982	$18,213,713	$6,562,853	$160,860	$11,490,000	$23,213,713	$65,628,563	$160,860	$16,490,000	71.0%
1983	$37,827,629	$3,882,850	$1,291,179	$32,653,600	$41,922,629	$3,882,850	$1,291,179	$36,748,600	87.7%
1984	$38,441,583	$11,510,000	$6,352,337	$20,579,246					53.5%
1985	$49,766,696	$23,370,882	$8,107,914	$18,287,900	$57,765,696	$23,370,882	$8,107,914	$26,286,900	45.5%
1986	$38,526,316	$11,072,275	$5,867,041	$21,587,000	$36,307,316	$10,699,775	$4,020,541	$21,587,000	59.5%
1987	$38,815,527	$7,823,400	$5,142,127	$25,850,000	$39,765,527	$7,823,400	$5,142,127	$26,800,000	67.4%
1988	$52,309,010	$11,468,525	$9,075,997	$31,764,488	$66,409,010	$11,468,525	$9,075,997	$45,864,488	69.1%
1989	$93,408,100	$29,172,150	$7,865,322	$56,370,628	$94,475,100	$29,172,150	$7,865,322	$57,437,628	60.8%
1990	$101,716,000	$21,502,587	$7,865,322	$72,348,091	$90,334,000	$21,502,587	$7,865,322	$60,966,091	67.5%
1991	$51,543,500	$18,895,900	$1,500,000	$31,147,600	$70,899,500	$18,895,900	$1,500,000	$50,503,600	71.2%
1992	$109,420,612	$16,277,771	$7,990,134	$85,152,707					77.8%
1993	$74,388,075	$17,124,643	$3,416,713	$53,846,719	$74,718,075	$17,124,643	$3,416,713	$54,176,719	72.5%
1994	$75,896,701	$28,606,054	$2,670,676	$44,619,971	$90,024,359	$33,117,018	$2,670,676	$54,236,665	60.2%
1995	$94,189,909	$30,969,988	$22,222	$63,197,699	$90,572,509	$29,894,988	$22,222	$60,655,299	67.0%
1996	$76,922,500	$29,928,593	$336,607	$46,657,300	$74,145,442	$30,181,866	$336,607	$43,626,969	58.8%
1997	$76,416,860	$24,285,790	$57,194	$52,073,876	$74,916,860	$17,378,190	$57,194	$57,481,476	76.7%
1998	$78,534,750	$32,547,217	$1,436,060	$44,551,473	$74,686,315	$32,969,917	$1,436,060	$40,280,338	53.9%
1999	$112,007,169	$53,814,024	$1,567,522	$56,625,623					50.6%
2000	$117,798,098	$34,769,021	$262,159	$66,350,165					56.3%
2001	$116,179,409	$40,152,509	$0	$57,348,525					49.4%
2002	$104,279,395	$63,496,312	$0	$40,783,063					39.1%

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TABLE 4

DEBT AFFORDABILITY INDICATORS

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 seven-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 for corporate purpose projects and 20 years for airport projects.

5. Average principal maturities shall not exceed 10 years for corporate purpose projects and 12.5 years for airport projects.

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.

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-February monthly receipts.

Trend Information:

Budget Year	Tax Supported Debt Service	County Sales and Use Tax Revenues	Surplus/(Shortfall) in Sales Tax Revenues
2002 Budget	$55,949,530	$58,621,600	$2,672,070
2001	56,123,700	59,051,537	1,110,200
2000	51,516,334	56,040,885	4,524,551
1999	56,825,025	55,677,724	(1,147,301)
1998	55,867,176	52,043,015	(3,824,161)
1997	50,774,323	49,139,100	(1,635,223)
1996	48,959,807	46,307,064	(2,652,743)
1995	47,190,820	47,645,800	454,980
1994	41,840,498	45,363,800	3,523,302
1993	38,855,818	42,787,500	3,931,682
1992	34,974,798	44,812,600	9,837,802

Notes:

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.

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 the 2002 Capital Improvements 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, Potawatomi revenues, interest earnings realized from the investment of bond proceeds issued for proprietary fund departments, revenue from Passenger Facility Charges (PFCs) and revenue related to billboard leasing at the Zoological Gardens. 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
2002	$70,482,504	$29,699,421	42.1%
2001	76,026,900	14,678,375	19.31%
2000	83,029,077	16,728,912	20.15%
1999	71,408,795	14,783,172	20.70%
1998	50,883,398	10,603,060	20.84%
1997	59,038,670	6,964,794	11.80%
1996	53,746,000	7,088,700	13.19%
1995	69,316,315	9,504,616	13.71%
1994	47,548,747	2,928,776	6.16%
1993	57,957,632	4,110,913	7.09%
1992	93,142,841	7,990,134	8.58%

Notes:

The County has a minimum pay-as-you-go cash financing requirement for the 2002 capital budget of 20 percent of net County financed project costs. Net County financing included in the 2002 budget totals $70,482,504. Cash financing of the net County capital cost totals $29,699,421 which includes $26,070,230 in passenger facility charges (PFC) revenues and Airport capital improvement reserve revenue for Airport projects. Cash needed to meet the 20 percent financing goal is calculated at $14,096,501. Excluding Airport projects, net County financing totals $46,218,274 of which $5,435,191 is cash or 11.76 percent of net County financing.

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 Milwaukee Metropolitan Sewerage District or other non-general obligation financings such as capital lease financings or conduit financings issued through non-county agencies. Equalized property value includes the value of Tax Incremental Financing Districts (TID).

Trend Information:

Budget Year	Direct Debt	Equalized Value	Direct Debt as a Percent of Value
2002	$488,403,626	$41,774,112,500	1.17%
2001	490,578,626	38,230,329,600	1.28%
2000	495,766,028	37,679,227,371	1.31%
1999	497,028,076	36,405,050,600	1.37%
1998	489,600,664	34,922,117,700	1.40%
1997	483,945,664	33,442,118,000	1.45%
1996	479,855,674	32,277,814,500	1.49%
1995	475,954,715	31,449,914,500	1.51%
1994	454,199,715	30,049,316,500	1.51%
1993	431,029,715	28,912,452,300	1.49%
1992	380,940,000	27,309,125,300	1.39%

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
2002	$488,403,626	939,919	$520
2001	490,578,626	939,919	522
2000	495,766,028	940,164	527
1999	497,028,076	956,688	520
1998	489,600,644	957,058	512
1997	483,945,664	958,408	505
1996	479,855,674	963,903	498
1995	475,954,715	965,257	493
1994	454,199,715	969,252	469
1993	431,029,715	967,814	445
1992	380,940,000	965,067	395

Notes:

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. The debt per capita calculation provided for 2002 is based on Wisconsin Department of Administration preliminary population estimates for 2001.

2002 ADOPTED CAPITAL IMPROVEMENTS

SECTION 2
AIRPORTS

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GENERAL MITCHELL INTERNATIONAL AIRPORT
Infrastructure Facts

Number of gates	42
Number of parking structure spaces	5,925
Number of surface lot parking spaces	
Public	3,706
Employee	1,200
Square feet of terminal and concourse space	776,900
Acres of aprons, runways and taxiways	415
Overall size (in acres)	2,386

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WA009	GMIA - Concession Mall Renovation		
Requesting Department or Agency: Airport		Functional Group: Transportation	
Department Priority: 11	Person Completing Form: Ken Vick		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	-$724				-$724
2002	$780,730				$780,730
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$780,006				$780,006

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	-$724	$20,000		$19,276
Construction & Implementation		$752,730		$752,730
Right-of-Way Acquisition				
Equipment				
Other		$8,000		$8,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges	-$724	$20,000		$19,276
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$8,000		$8,000
Buildings / Structures		$752,730		$752,730
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	-$724	$780,730		$780,006

Cost Estimates Prepared By	DPW Review By
American Design/Ken Vick	John Bunn

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	$780,730
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$780,730
Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	-$724
Total Expenditures to Date	-$724
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	6/01
Complete Final Plans & Specifications	12/01
Begin Construction	3/02
Complete Construction	12/02
Scheduled Project Closeout	2/03

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA009 - GMIA – Concession Mall Renovation

An appropriation of $780,730 is budgeted for the renovation of the concession mall. Financing will be provided from the Airport Capital Improvement Reserve Account.

An appropriation of $132,000 was budgeted in the 2001 Capital Improvements Budget for the planning and design of an upgrade to the General Mitchell International Airport Concession Mall. This appropriation was subsequently moved to the Airport operating budget. Unison-Maximus Consulting Inc. has been retained to plan and design the mall renovation.

The existing concession mall was constructed in 1984 and 1985 and has had only minor renovations. This project would involve planning for a complete renovation of the mall area and the eventual selection of new concessionaires with a contemporary product mix that would be more appealing to the traveling public and increase revenues.

Airport staff expects that a new mix of stores and new storefronts will serve the airline passengers well as they pass through the mall. Experience has shown that the success of the whole terminal concession complex is highly dependent on the store mix and integrating all the parts. The Airport is proposing a reconfiguration of the existing mall space to accommodate a new retail layout. The concessionaires will pay for their renovation costs, but the Airport will finance the costs of renovating common area space and supplemental concession area appointments. The estimated cost of the construction portion of the project is $773,000. In addition, an appropriation of $7,730 has been included 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.

DPW Staffing Plan

The Department of Public Works project manager will be Paul Montalto. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WA024	GMIA, Ground Run-up Enclosure (GRE) (formerly the Hush House)		
Requesting Department or Agency: Airport		Functional Group: Transportation	
Department Priority: 3	Person Completing Form: Ken Vick	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$500,000				$500,000
2002	$5,000,000				$5,000,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$5,500,000				$5,500,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$492,500	$490,000		$982,500
Construction & Implementation		$4,500,000		$4,500,000
Right-of-Way Acquisition				
Equipment				
Other	$7,500	$10,000		$17,500
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$420,000	$250,000		$670,000
DPW Charges	$72,500	$240,000		$312,500
Capitalized Interest				
Park Services				
Disadv. Business Serv.	$7,500	$10,000		$17,500
Buildings / Structures		$3,000,000		$3,000,000
Land / Land Improvements		$1,500,000		$1,500,000
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$500,000	$5,000,000		$5,500,000

Cost Estimates Prepared By	DPW Review By
Jim Kerr	Ken Vick

Budget Year Financing

Federal, State and Local Aids	
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	$5,000,000
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$5,000,000
Project Useful Life (Years)	10

Project Fiscal Status

Prior Years Expenditures	$0
2000 Expenditures	$0
2001 Expenditures	$43,521
Total Expenditures to Date	$43,521
Encumbrances	$444,297
Available Balance	$12,182

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	8/01
Complete Final Plans & Specifications	12/01
Begin Construction	5/02
Complete Construction	11/02
Scheduled Project Closeout	05/03

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA024 GMIA – Ground Run-Up Enclosure (GRE) (formerly the Hush House)

An appropriation of $5,000,000 is budgeted for construction of a Ground Run-up Enclosure (GRE) at General Mitchell International Airport (GMIA), formerly referred to as a "hush house," and associated land improvements. Financing will be provided from Passenger Facility Charge (PFC) revenues.

The Federal Aviation Administration (FAA) Regulation Part 150 Noise Compatibility Study for GMIA recommended constructing a "ground run-up enclosure" for engine run-up noise suppression. Aircraft ground run-ups are a necessary aircraft engine maintenance test performed after most engine maintenance procedures. These run-ups require the operation of an aircraft engine, which generates continuous elevated noise levels, and often occur during late night/early morning hours.

An appropriation of $500,000 was budgeted for planning and design for a GRE in the 2001 Capital Budget. This appropriation of $5,000,000 provides for the actual construction of a GRE and associated land improvements that will be required such as a concrete apron and taxiway, which will provide access to the GRE.

A GRE is a structure that uses acoustical dampening principles to reduce the noise impacts of aircraft engine ground run-ups. Landrum & Brown, the consultant selected for the design, is in the process of evaluating possible sites for the GRE. The site selection process will take into consideration the distances that aircraft need to taxi to perform an engine run-up, orientation to prevailing winds to maximize usage, the proximity and impact on nearby residences, and the facility's impact on current and future airport land uses. It is anticipated that a three-sided structure, approximately 45 feet in height, will be built to accommodate all the aircraft types being maintained at the Airport. It will also incorporate state-of-the-art, aerodynamic features that will allow it to be used during the majority of the wind conditions encountered at GMIA.

The GRE will continue the Airport's commitment to reducing the impact of jet noise on the surrounding communities while preserving General Mitchell International Airport as the economic engine for the region.

There are only three GRE's in use at commercial-service airports in the United States today: Portland, Oregon, Chicago-O'Hare, and Indianapolis, all constructed by Blast Defectors Inc. One GRE is under construction at San Antonio, the manufacturer's first large-scale project which is not yet proven. Because there is only one proven builder of GRE's, Department of Public Works staff is also recommending a sole source authorization for this project. A distinct advantage of a sole source authorization is scheduling, which will allow substantial completion of the project by December 2002. Following traditional methods of design and bidding will result in an April to August 2003 completion.

Planning is scheduled to be completed by December 2001, with construction to begin in mid 2002.

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.

DPW Staffing Plan

The Department of Public Works project manager will be Tim Kipp. The project manager will be Tim Kipp. Specialized consultants may be used for some components of the planning, design and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WA034	GMIA - Electrical System Upgrade-Airfield		
Requesting Department or Agency: Airport		Functional Group: Transportation	
Department Priority: 6	Person Completing Form: Ken Vick	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$500,000	$375,000	$62,500		$62,500
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$500,000	$375,000	$62,500		$62,500

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$77,000		$77,000
Construction & Implementation		$417,000		$417,000
Right-of-Way Acquisition				
Equipment				
Other		$6,000		$6,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$41,000		$41,000
DPW Charges		$36,000		$36,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$6,000		$6,000
Buildings / Structures		$417,000		$417,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$500,000		$500,000

Cost Estimates Prepared By	DPW Review By
Tim Kipp	John Bunn

Budget Year Financing

Federal, State and Local Aids	$437,500
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	$62,500
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$500,000
Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	3/02
Complete Final Plans & Specifications	7/02
Begin Construction	9/02
Complete Construction	2/03
Scheduled Project Closeout	2/05

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA034 - GMIA – Electrical System Upgrade - Airfield

An appropriation of $500,000 is budgeted for upgrading the airfield electrical system drive at General Mitchell International Airport. Financing for the project will consist of Airport Improvement Program (AIP) entitlement revenue ($375,000), revenue from the State of Wisconsin ($62,500) and Passenger Facility Charge (PFC) revenues ($62,500).

Due to heavy demand for additional electrical circuits and regulators, the vault area is becoming very congested. Moreover, the recent fiber optic upgrade of the control cable from the electrical vault to the Federal Aviation Administration (FAA) tower has increased the line's carrying capacity, enabling the Airport to perform more circuit customization. This will enable the Airport to benefit from increased energy efficiency but will necessitate additional regulators to achieve this goal. Also, due to the new fiber optic control cable upgrade, it is now possible to add monitoring units on each regulator, thus allowing constant line resistance testing. This reporting produces a trend report that shows each circuit's history over time in a graph format. The method simplifies the maintenance process of determining when a circuit should be repaired or replaced. Circuit monitoring has always been mandated by the FAA and has become a laborious task to accomplish using the current method.

The estimated cost allows for vault room expansion, automatic circuit meggering (sending out signals to determine weak spots in the system), regulator upgrades and a new monitoring computer in the maintenance shop.

The project will ensure a safer working environment for maintenance personnel and help eliminate circuit outages due to deteriorated cable and failed regulators. If the project is not performed, electrical capacity issues could arise with the addition of more lights and signs as mandated by the FAA.

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.

<u>DPW Staffing Plan</u>
The Department of Public Works project manager will be Tim Kipp. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WA035	GMIA, Elevator Controls Upgrade		
Requesting Department or Agency: Airport		Functional Group: Transportation	
Department Priority: 8	Person Completing Form: Ken Vick	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$420,000				$420,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$420,000				$420,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$65,642		$65,642
Construction & Implementation				
Right-of-Way Acquisition				
Equipment		$350,000		$350,000
Other		$4,358		$4,358
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$32,000		$32,000
DPW Charges		$33,642		$33,642
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$4,358		$4,358
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings		$350,000		$350,000
Other Expenses				
Total Project Cost		$420,000		$420,000

Cost Estimates Prepared By	DPW Review By
Tom Pritzlaff	Ken Vick

Budget Year Financing

Federal, State and Local Aids	
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	$420,000
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$420,000

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	2/02
Complete Final Plans & Specifications	5/02
Begin Construction	7/02
Complete Construction	11/02
Scheduled Project Closeout	2/03

WA035 - GMIA – Elevator Controls Upgrade

An appropriation of $420,000 is budgeted to upgrade the terminal-side elevators at General Mitchell International Airport (GMIA). This project will replace four existing elevator controls with new digital electronic controls in the four terminal-side elevators. Airport staff has not yet determined whether the four elevators located in the parking structure will be upgraded. It is expected that the elevators are eligible for Passenger Facility Charge (PFC) financing.

Elevators A through H are a group of eight elevators that were constructed with the original parking structure in 1978 and provided vertical access to the six floors of the parking structure on the west side of the skywalks and access from the skywalks to the terminal facilities on the east side of the skywalks. Four elevators are located within the parking structure and four are located on the terminal side. Current controls are subject to frequent failures, are slow, and will not call a second elevator to a floor. Often only one elevator in a bank will operate and the other sits idle. Frequent passenger complaints have been received.

The project will provide better accessibility between the terminal and the parking structure and reduce terminal access problems. With the new parking structure being completed in late 2002 and adding 3,000 spaces, the elevators will receive increasing use and will need to function properly.

Subsequent to the adoption of the 2002 Capital Improvements Budget, the County Board approved a transfer of $420,000 to project WA035012 – GMIA – Elevator Controls Upgrade to provide for the upgrade of the four elevators located on the east side of the terminal.

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.

DPW Staffing Plan
The Department of Public Works project manager will be Walter Wilson. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WA036	GMIA - Parking Lot Shelter and Security Upgrade	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	
10	Ken Vick	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$35,000				$35,000
2003	$202,000				$202,000
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$237,000				$237,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$5,600		$5,600
Construction & Implementation		$29,050	$202,000	$231,050
Right-of-Way Acquisition				
Equipment				
Other		$350		$350

PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				
Professional Services		$1,050		$1,050
DPW Charges		$4,550		$4,550
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$350		$350
Buildings / Structures		$29,050	$202,000	$231,050
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$35,000	$202,000	$237,000

Cost Estimates Prepared By	DPW Review By
Tim Kipp	John Bunn

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	$35,000
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$35,000

Project Useful Life (Years)	10

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	2/02
Complete Final Plans & Specifications	4/02
Begin Construction	6/02
Complete Construction	9/02
Scheduled Project Closeout	11/02

WA036 - GMIA – Parking Lot Shelter and Security Upgrade

An appropriation of $35,000 is budgeted for planning and design for upgrading the parking lot shelter at General Mitchell International Airport. Financing for the project will be provided from the Airport Capital Improvement Reserve Account.

Over the last two years, the main employee parking lot has been expanded several times. As a result, the two shelters that are currently servicing the lot are widely spaced, requiring employees to park great distances from the shelters. The protection and shelter they offer is of limited value for the employees that have to park at the far eastern end of the lot. The benefit of the project is more amenable and safer airport employee parking areas.

The project will provide for an additional employee shelter at the western end of the parking lot. The approximate cost for this improvement will be $35,000.

The project will also include the expansion of security cameras to Lot "B", the Airport's secondary employee parking lot. Four security cameras will be installed and fiber optic cable extended to each camera from the existing shelter. From the shelter, an access route for a high capacity telephone cable can be gained through an existing duct bank system. The video will also be observed in the parking operator's control room. These security upgrades will cost approximately $122,000. An appropriation of $202,000 for construction will be requested in the future.

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.

DPW Staffing Plan
The Department of Public Works project manager will be Paul Montalto. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WA038	GMIA - "C" Concourse Gate Taxiway Expansion		
Requesting Department or Agency: Airport		Functional Group: Transportation	
Department Priority: 4	Person Completing Form: Ken Vick		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$8,740,000				$8,740,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$8,740,000				$8,740,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$582,000		$582,000
Construction & Implementation		$8,127,000		$8,127,000
Right-of-Way Acquisition				
Equipment				
Other		$31,000		$31,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$82,000		$82,000
DPW Charges		$500,000		$500,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$31,000		$31,000
Buildings / Structures				
Land / Land Improvements		$8,127,000		$8,127,000
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$8,740,000		$8,740,000

Cost Estimates Prepared By: Enberg Anderson

DPW Review By: Ed Baisch

Budget Year Financing

Federal, State and Local Aids	
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	$8,740,000
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$8,740,000

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	2/02
Complete Final Plans & Specifications	3/02
Begin Construction	4/02
Complete Construction	10/02
Scheduled Project Closeout	12/02

WA038 - GMIA - "C" Concourse Gate Taxiway Expansion

An appropriation of $8,740,000 is budgeted for expanding the "C" Concourse Gate Taxiway at General Mitchell International Airport. The construction of additional taxiway and preferentially leased aircraft parking ramps are eligible for Passenger Facility Charge (PFC) financing. The $8,740,000 is also Airport Improvement Program (AIP) eligible, and both discretionary and entitlement funding will be sought to the maximum amount possible with PFC financing being utilized for the balance.

The project involves constructing a concrete taxiway and apron area that allows the "C" Concourse to expand to the north and provides aircraft access around the proposed concourse addition. The proposed taxiway "B" will be an Airplane Design Group (ADG) IV, making it capable of accommodating aircraft with wingspans less than 171 feet. The construction will consist of 18 inches of concrete on a six-inch Econocrete base with lighting, drainage, and storm water detention also being addressed. The majority of this project will be constructed in early 2002 in order to accommodate building construction in 2002. The timing, however, for construction of areas directly adjacent to the building will be coordinated with the building construction and may take place in 2003. Funds for the initial design for the taxiway were budgeted in 2001. The cost of construction is estimated to be $8,127,000, including contingencies. Construction management and administrative costs are estimated to be $613,000 for a total project cost of $8,740,000.

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.

DPW Staffing Plan
The Department of Public Works project manager will be James Zsebe. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WA039	GMIA - Mall Lighting Renovation		
Requesting Department or Agency: Airport		Functional Group: Transportation	
Department Priority: 14	Person Completing Form: Ken Vick		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$330,000				$330,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$330,000				$330,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$51,000		$51,000
Construction & Implementation		$275,000		$275,000
Right-of-Way Acquisition				
Equipment				
Other		$4,000		$4,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$33,000		$33,000
DPW Charges		$18,000		$18,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$4,000		$4,000
Buildings / Structures		$275,000		$275,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$330,000		$330,000

Cost Estimates Prepared By: Quorum Architects | DPW Review By: John Bunn

Budget Year Financing

Federal, State and Local Aids	
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	$330,000
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$330,000
Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	2/02
Complete Final Plans & Specifications	4/02
Begin Construction	6/02
Complete Construction	10/02
Scheduled Project Closeout	12/02

WA039 - GMIA – Mall Lighting Renovation

An appropriation of $330,000 is budgeted for renovating the mall lighting at General Mitchell International Airport. Financing will be provided from Passenger Facility Charge (PFC) revenues.

The Terminal Expansion project in 1984 included the installation of a lighting management system that incorporated pyramid shaped light fixtures constructed of metal tubing similar to the space frame roof design. The lighting management system did not function well and has since been abandoned, but the fixtures which blended well with the space frame roof are still in use. Typically each fixture contained one-150 watt metal halide lamp, one-150 watt high pressure sodium vapor lamp and two-35 watt small global high pressure sodium vapor lamps. The intent was to mix different types of lighting throughout the day, depending on the light coming in from outside. The high-pressure sodium vapor lights emit a yellow glow, and when the lights are turned on in the evenings or on overcast days, the lighting appears dim and blotchy. Terminal lighting levels verge on being inadequate, and continued high maintenance expenses will be incurred if the lamps are not replaced.

As part of the Interior Design Master Plan, the Airport has investigated replacing all the lamps in the fixtures to a pulse start metal halide lamp. This will give a brighter look to the terminal and also make the lighting uniform and consistent.

The new lighting will also save on maintenance costs since there will be only one type of lamp. Only one type of bulb for the lamps will be required to be stocked and changed out, and the life of the new bulb is longer than the present bulbs.

Subsequent to the adoption of the 2002 Capital Improvements Budget, the County Board approved a transfer of $2,378,000 to reduce the adopted capital budget, by removing the following projects: Project WA039011 - GMIA - Mall Lighting Renovation ($330,000), Project WA040011 - GMIA - Terminal Wall Treatments ($998,000) and Project WA042011 - GMIA - Baggage Claim Remodeling Design ($1,050,000). These projects were to be financed with Passenger Facility Charge (PFC) revenues but were deleted from the PFC program due to reduced collections.

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.

DPW Staffing Plan
The Department of Public Works project manager will be Steve Dragosz. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WA040	GMIA - Terminal Wall Treatments	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	
15	Ken Vick	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$998,000				$998,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$998,000				$998,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$153,000		$153,000
Construction & Implementation		$833,000		$833,000
Right-of-Way Acquisition				
Equipment				
Other		$12,000		$12,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$99,000		$99,000
DPW Charges		$54,000		$54,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$12,000		$12,000
Buildings / Structures		$833,000		$833,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$998,000		$998,000

Budget Year Financing

Federal, State and Local Aids	
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	$998,000
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$998,000

Cost Estimates Prepared By	DPW Review By
Quorum Architects	Ken Vick

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	2/02
Complete Final Plans & Specifications	4/02
Begin Construction	6/02
Complete Construction	10/02
Scheduled Project Closeout	12/02

WA040 - GMIA – Terminal Wall Treatments

An appropriation of $998,000 is budgeted for terminal wall treatments at General Mitchell International Airport. Financing will be provided from Passenger Facility Charge (PFC) revenues.

The last major upgrade to Airport wall coverings was in 1984 as a part of the Terminal Expansion project. Since that time, some renovations have taken place on the "E" Concourse (1987) and the "D" Concourse Stem (1991). The materials used on all of the renovations consisted mainly of paint or vinyl fabric coverings that are no longer available.

As part of an Interior Design Master Plan, the Airport has experimented with a textured, spray-on painted finish similar to "Tex-Cote." The test material has performed well. The proposed project will consist of applying this material to wall surfaces throughout the Airport. In areas of high impact such as entrances to the restrooms, "Quarry Cast," the panel product used on the "D" Hammerhead addition, will be used.

Areas to be renovated include the mall area at the beginning of Concourses "C", "D" and "E" and entries to existing walkways to parking, portions of the "D" and "E" concourses, and the ticketing area. The rest of the "C" Concourse and the baggage claim areas are not included because eventual major modifications to these areas are expected. In total, 28,000 square feet will be upgraded with the "Tex-Cote" product and 26,500 square feet will be upgraded with the "Quarry Cast" material.

Subsequent to the adoption of the 2002 Capital Improvements Budget, the County Board approved a transfer of $2,378,000 to reduce the adopted capital budget, by removing the following projects: Project WA039011 - GMIA - Mall Lighting Renovation ($330,000), Project WA040011 - GMIA - Terminal Wall Treatments ($998,000) and Project WA042011 - GMIA - Baggage Claim Remodeling Design ($1,050,000). These projects were to be financed with Passenger Facility Charge (PFC) revenues but were deleted from the PFC program due to reduced collections.

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.

DPW Staffing Plan

The Department of Public Works project manager will be Ivars Zusevics. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WA041	GMIA - "C" Concourse Hydrant Fuel System Construction		
Requesting Department or Agency: Airport		Functional Group: Transportation	
Department Priority: 5	Person Completing Form: Ken Vick		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$3,906,000				$3,906,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$3,906,000				$3,906,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$274,000		$274,000
Construction & Implementation		$3,617,000		$3,617,000
Right-of-Way Acquisition				
Equipment				
Other		$15,000		$15,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$197,000		$197,000
DPW Charges		$77,000		$77,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$15,000		$15,000
Buildings / Structures				
Land / Land Improvements		$3,617,000		$3,617,000
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$3,906,000		$3,906,000

Cost Estimates Prepared By	DPW Review By
Enberg Anderson/Ken Vick	Ed Baisch/Ken Vick

Budget Year Financing

Federal, State and Local Aids	
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	$3,906,000
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$3,906,000

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	10/01
Complete Final Plans & Specifications	2/02
Begin Construction	3/02
Complete Construction	11/02
Scheduled Project Closeout	3/03

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA041 - GMIA – "C" Concourse Hydrant Fuel System Construction

An appropriation of $3,906,000 is budgeted for the "C" Concourse Hydrant Fuel System. The cost of construction of the new system is estimated at $3,617,000, with contingencies, construction management and administrative costs estimated to be $289,000. Financing will be provided from Passenger Facility Charge (PFC) revenues.

The project consists of expanding the existing hydrant fuel system to accommodate the new "C" Concourse Gate Expansion. Included in the scope for the "C" Concourse Gate Expansion is the hiring of a sub-consultant who specializes in the design of hydrant fueling systems to provide the system design. The fuel pipe system will match the existing system in pipe size, loop configuration and isolation. A new isolation valve pit will be located at the end of the "C" Concourse for a tie-in connection to the pipelines from the tank farm. All gates will have at least one fuel pit on the right side of the plane. The emergency fuel shut off system will also be modified and additional stations added at each gate.

The hydrant fueling system needs to be constructed during the paving project so that it is in place prior to paving the apron surrounding the new concourse. The system will provide the same fueling capabilities that exist at all other gates.

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.

DPW Staffing Plan

The Department of Public Works project manager will be Ed Baisch. The project manager will be Ed Baisch. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WA042	GMIA - Baggage Claim Remodeling Design		
Requesting Department or Agency: Airport		Functional Group: Transportation	
Department Priority: 12	Person Completing Form: Ken Vick		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$1,050,000				$1,050,000
2003					
2004	$8,990,000				$8,990,000
2005					
2006					
SUBSEQUENT					
TOTAL	$10,040,000				$10,040,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$980,000	$530,000	$1,510,000
Construction & Implementation			$8,400,000	$8,400,000
Right-of-Way Acquisition				
Equipment				
Other		$70,000	$60,000	$130,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$850,000		$850,000
DPW Charges		$130,000	$530,000	$660,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$70,000	$60,000	$130,000
Buildings / Structures			$8,400,000	$8,400,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$1,050,000	$8,990,000	$10,040,000

Cost Estimates Prepared By	DPW Review By
Enberg Anderson	Ed Baisch

Budget Year Financing

Federal, State and Local Aids	
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	$1,050,000
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$1,050,000

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	6/02
Complete Final Plans & Specifications	12/02
Begin Construction	5/03
Complete Construction	5/04
Scheduled Project Closeout	7/04

WA042 - GMIA – Baggage Claim Remodeling Design

An appropriation of $1,050,000 is budgeted to design the remodeling of the baggage claim area. In 1999, a conceptual study was conducted of the baggage claim area and several recommendations were made to help resolve the deficiencies in the baggage claim distribution system and baggage claim area, including the removal of the rental car facilities in the area. Financing will be provided from Passenger Facility Charge (PFC) revenue.

As part of the parking structure project, a rental car center will be constructed in 2002 adjacent to the parking structure, which will provide additional room for the baggage claim remodeling. A consultant will be hired to reaffirm the findings of the initial study, look at the adequacy of space along the front curb, and review the need for new or additional carousels and conveyor-systems. After resolving the basic design issues, the consultant will perform a complete design for the area, including a total renovation of the existing building and designing new lighting for the exterior roadway and front curb. The final product will be the development of schematic design drawings for anticipated 2003 construction. The estimate for the design services is $1,050,000. Construction costs planned for 2003 are $8,990,000.

Subsequent to the adoption of the 2002 Capital Improvements Budget, the County Board approved a transfer of $2,378,000 to reduce the adopted capital budget, by removing the following projects: Project WA039011 - GMIA - Mall Lighting Renovation ($330,000), Project WA040011 - GMIA - Terminal Wall Treatments ($998,000) and Project WA042011 - GMIA - Baggage Claim Remodeling Design ($1,050,000). These projects were to be financed with Passenger Facility Charge (PFC) revenues but were deleted from the PFC program due to reduced collections.

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.

DPW Staffing Plan

The Department of Public Works project manager will be Ivars Zusevics. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WA044	GMIA, Enhanced Security Post		
Requesting Department or Agency		**Functional Group**	
Airport		Transportation	
Department Priority	**Person Completing Form**		
4	Ken Vick		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$1,942,000				$1,942,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$1,942,000				$1,942,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$260.000		$260.000
Construction & Implementation		$1.442.000		$1.442.000
Right-of-Way Acquisition				
Equipment		$230.000		$230.000
Other		$10.000		$10.000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$190,000		$190,000
DPW Charges		$70,000		$70,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction		$1,442,000		$1,442,000
Equipment & Furnishings		$230,000		$230,000
Other Expenses		$10,000		$10,000
Total Project Cost		$1,942,000		$1,942,000

Cost Estimates Prepared By	DPW Review By
Jim Kerr	Ken Vick

Budget Year Financing

Federal, State and Local Aids	
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	$1,942,000
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$1,942,000

Project Useful Life (Years)	10

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	2/02
Complete Final Plans & Specifications	4/02
Begin Construction	5/02
Complete Construction	12/02
Scheduled Project Closeout	6/03

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA044 - GMIA –Enhanced Security Post

An appropriation of $1,942,000 is budgeted for Airport security improvements. Financing will be provided from Passenger Facility Charge (PFC) revenues.

The recent events of September 11, 2001 have lead to an increased awareness of actions to be taken in order to provide a more secure airport environment. Improvements being considered as required include bomb proofing of the new rental car center, blast laminate glass on the baggage claim building and skywalks, vehicle inspection stations, a perimeter intrusion system, additional digital cameras, additional barriers and dog kennels to house bomb sniffing dogs. Future year modifications may include providing space, structural support and the purchase of electronic trace detection equipment, which would be used to scan checked bags in the ticketing building.

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.

DPW Staffing Plan
The Department of Public Works project manager will be Ken Vick. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WA308	GMIA - Phase I Mitigation Program		
Requesting Department or Agency: Airport		Functional Group: Transportation	
Department Priority: 1	Person Completing Form: Ken Vick		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$36,861,300	$18,600,000	$2,325,000		$15,936,300
2001	$9,737,553	$5,000,000	$625,000		$4,112,553
2002	$6,250,000	$5,000,000	$625,000		$625,000
2003	$7,256,650	$5,000,000	$625,000		$1,631,650
2004	$7,256,650	$5,000,000	$625,000		$1,631,650
2005	$313,646	$250,917	$31,364		$31,365
2006					
SUBSEQUENT					
TOTAL	$67,675,799	$38,850,917	$4,856,364		$23,968,518

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$9,112,525	$1,210,000	$2,420,000	$12,742,525
Construction & Implementation	$37,466,219	$5,000,000	$12,326,946	$54,793,165
Right-of-Way Acquisition				
Equipment				
Other	$20,000	$40,000	$80,000	$140,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$9,027,821	$1,135,000	$2,270,000	$12,432,821
DPW Charges	$84,704	$75,000	$150,000	$309,704
Capitalized Interest				
Park Services				
Disadv. Business Serv.	$20,000	$40,000	$80,000	$140,000
Buildings / Structures	$37,466,328	$5,000,000	$12,326,946	$54,793,274
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$46,598,853	$6,250,000	$14,826,946	$67,675,799

Cost Estimates Prepared By	DPW Review By
THC	Ken Vick

Budget Year Financing

Federal, State and Local Aids	$5,625,000
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	$625,000
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$6,250,000

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$21,953,716
2000 Expenditures	$5,495,959
2001 Expenditures	$4,996,423
Total Expenditures to Date	$32,446,098
Encumbrances	$2,827,953
Available Balance	$11,324,802

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	1/02
Complete Final Plans & Specifications	2/02
Begin Construction	3/02
Complete Construction	12/02
Scheduled Project Closeout	1/03

WA308 - GMIA – Phase I Mitigation Program

An appropriation of $6,250,000 is budgeted to continue a program to assist residential homeowners with Airport noise mitigation. In the past, this project has been funded with a combination of Federal and State grant funds and Passenger Facility Charge (PFC) revenues. The 2002 appropriation anticipates the receipt of $5 million in Federal Airport Improvement Noise Discretionary revenue, $625,000 in State of Wisconsin revenue and $625,000 in PFC revenues.

The General Mitchell International Airport Part 150 Noise Compatibility study recommended a noise mitigation program offering sound insulation to approximately 1,761 homes (Phase I), and offers the choice between an Avigation Easement purchase or Sales Assistance program for another 2,124 homes (Phase II).

313	Homes completed (Contracts 1-22)
405	Homes nearing completion (Contracts 23-30)
718	**Homes completed or under contract**
200	Homes anticipated to be mitigated in 2001-02 (2001 Cap. Imp. Budget)
125	Homes anticipated to be mitigated in 2002 (2002 Cap. Imp. Budget)
96	Avigation Easement Purchase ($2,500 each) - Completed or In Process
3	Sales Assistance - Completed or In Process
63	Declined Participation, No Response or Postponed
487	**Homes anticipated for mitigation, easement completed or in-process, sales assistance completed or in-process, or declined participation, no response or postponed.**
Subsequent Years	
556	**Homes remaining to be mitigated**
1,761	**Total Homes eligible for Participation**

The estimated per parcel cost is $50,000 (construction and project administration) based on the individual parcel method being implemented. It is expected that this cost will decline as familiarity with the individual parcel method is developed. The total estimated costs for the project, including prior years, is $67,675,799.

The sound insulation program provides appreciably lower interior noise levels inside these noise sensitive residences. The program also provides attic insulation, replacement of acoustical windows and doors and, if required, associated heating, ventilation and air conditioning and electrical work. In return for these improvements, the Airport receives an avigation easement over the sound insulated property.

The residences identified to be sound insulated are the most severely impacted. Sleeping, telephone conversations and other daily activities are impaired when interrupted by aircraft overflight noise. The program has demonstrated the ability to reduce or eliminate these interruptions. Without the continuation of this program, General Mitchell International Airport would not be fulfilling its commitment to the community to mitigate, to the extent possible, the effects of aircraft noise.

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.

WA308 - GMIA – Phase I Mitigation Program (cont'd)

DPW Staffing Plan

The Department of Public Works project manager will be Thomas Kenney. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WA332	GMIA - School/Church Sound Insulation	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	
2	Ken Vick	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$12,891,995	$7,199,900	$780,000		$4,912,095
2001	$2,500,000	$2,000,000	$250,000		$250,000
2002	$3,750,000	$3,000,000	$375,000		$375,000
2003	$3,000,000	$2,400,000	$300,000		$300,000
2004	$3,000,000	$2,400,000	$300,000		$300,000
2005					
2006					
SUBSEQUENT					
TOTAL	$25,141,995	$16,999,900	$2,005,000		$6,137,095

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$3,143,395	$730,000	$588,000	$4,461,395
Construction & Implementation	$12,238,600	$3,000,000	$5,400,000	$20,638,600
Right-of-Way Acquisition				
Equipment				
Other	$10,000	$20,000	$12,000	$42,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$2,718,395	$690,000	$576,000	$3,984,395
DPW Charges	$50,000	$40,000	$12,000	$102,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.	$10,000	$20,000	$12,000	$42,000
Buildings / Structures	$12,613,600	$3,000,000	$5,400,000	$21,013,600
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$15,391,995	$3,750,000	$6,000,000	$25,141,995

Cost Estimates Prepared By	DPW Review By
THC	Ken Vick

Budget Year Financing

Federal, State and Local Aids	$3,375,000
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	$375,000
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$3,750,000

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	$5,237,605
2000 Expenditures	$1,812,116
2001 Expenditures	$193,837
Total Expenditures to Date	$7,243,558
Encumbrances	$155,885
Available Balance	$7,992,552

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	2/2002
Complete Final Plans & Specifications	4/2002
Begin Construction	6/2002
Complete Construction	9/2002
Scheduled Project Closeout	12/2002

WA332 - GMIA – School/Church Sound Insulation

An appropriation of $3,750,000 is budgeted for planning, design and construction for the School/Church Sound Insulation project. The 2002 budget anticipates the receipt of $3 million in Federal Airport Improvement Program Noise Discretionary revenue, $375,000 in State of Wisconsin revenue, and the use of $375,000 in Passenger Facility Charge (PFC) revenues. The $3,375,000 will be used to complete the following services: (1) acoustical sound testing and design of the three remaining institutional facilities in Phase II; (2) architectural design services; and (3) construction and administration fees for Cedar Hills School. For 2003 and 2004, $3 million will be needed in each year to continue the insulation program.

The General Mitchell International Airport Part 150 Noise Compatibility study recommended a noise mitigation program offering sound insulation to 11 schools, one nursing home, and two churches. The program is divided into two phases. Phase I included six schools and one nursing home, and Phase II included four schools and one church. Two of the schools in Phase II have been deleted from the program as a result of flight departure procedures that were not implemented in 1997 and one school in Phase I was closed and one church in Phase II is to be closed. The church still remaining in Phase II is not presently scheduled. The Fernwood School needs an environmental designation as a non-historical site before it can officially be made part of Phase II, or it will need to be insulated as a historical building, which will be more costly.

The following table summarizes the completed aspects of the insulation program as well as the those portions scheduled for 2002 and beyond:

Phase I		**Phase II**	
Hamlin Garland School	Completed in 1996	Cedar Hills School	2002/2003
South Shore Nursing Home	Completed in 1996	Fernwood School	TBA
St. Paul's School	Completed in 1997	Cudahy High School	Deleted
Parkview Elementary School	Completed in 1999	Cudahy Pre-School	Deleted
Clement Avenue School	Completed in 2001	St. Paul's Church	TBA
Victory School	Scheduled 2003	St. Stephen's Church	Deleted
MATC Aviation Facility	Scheduled 2002		
St. Stephen's School	Closed, Deleted		

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.

DPW Staffing Plan

The Department of Public Works project manager will be Thomas Kenney. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

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2002 ADOPTED CAPITAL IMPROVEMENTS

SECTION 3
HIGHWAYS AND BRIDGES

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2001
WH001	Traffic Hazard Elimination Program		
Requesting Department or Agency: Department of Public Works		Functional Group: Transportation Division	
Department Priority	Person Completing Form: Rollin M. Bertran		Date: November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$400,000	$360,000			$40,000
2002	$400,000	$360,000			$40,000
2003	$400,000	$360,000			$40,000
2004	$400,000	$360,000			$40,000
2005	$400,000	$360,000			$40,000
2006	$400,000	$360,000			$40,000
SUBSEQUENT					
TOTAL	$2,400,000	$2,160,000			$240,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$100,000	$186,800	$212,850	$499,650
Construction & Implementation	$20,000	$160,000	$1,027,150	$1,207,150
Right-of-Way Acquisition				
Equipment	$280,000	$53,200	$360,000	$693,200
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$115,000	$160,000	$275,000
DPW Charges	$120,000	$71,800	$52,850	$244,650
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction		$160,000	$1,027,150	$1,187,150
Equipment & Furnishings	$280,000	$53,200	$360,000	$693,200
Other Expenses				
Total Project Cost	$400,000	$400,000	$1,600,000	$2,400,000

Cost Estimates Prepared By: R. M. Bertran

DPW Review By: F. V. Abadi

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	$40,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$400,000

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$0
2000 Expenditures	$0
2001 Expenditures	$0
Total Expenditures to Date	$0
Encumbrances	
Available Balance	$400,000

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

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH001 – Traffic Hazard Elimination Program

An appropriation of $400,000 is budgeted for the traffic hazard elimination program. The project is financed by $360,000 in Federal revenue and $40,000 in general obligation bonds.

Traffic Signal Interconnections and Traffic Signal Optimization:

The lack of interconnections between traffic signal installations adversely affects traffic progression along arterial streets. When traffic signals are not interconnected, often times signals operate out of sequence and vehicles are stopped unnecessarily at intersections causing delays and crashes. In contrast to motorists on arterial streets with interconnected signal systems, motorists on arterial streets with isolated signal operation experience lower fuel efficiency and more traffic delays and congestion, are more exposed to traffic accidents, and contribute more to air pollution.

To improve traffic progression and reduce traffic accidents through signalized intersections on the County Trunk Highway (CTH) network, the Department of Public Works initiated the Traffic Signal Interconnection project in 1994. The current appropriation is for funding traffic signal interconnection, communication equipment, signage, system hardware and traffic signal coordination along the following system:

- *West Layton Avenue, from South 27th Street to South 92nd Street*
- *West Oklahoma Avenue, West Beloit Road and South 92nd Street*
- *West College Avenue from South 13th Street to South 27th Street*

Federal funding is available through the Surface Transportation Program-Safety (STP-Safety). The funds provide 90 percent reimbursement of the project costs.

Location of Signal System	Budget	Federal Funds	County Commitment
West Layton Avenue	$200,000	$180,000	$20,000
West Oklahoma Avenue	$16,800	$15,120	$1,680
West College Avenue	$183,200	$164,880	$18,320
Total	$400,000	$360,000	$40,000

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.

DPW Staffing Plan

The staff manager from the Department of Public Works Project Manager is Rollin Bertran. DPW staff and/or consultants will perform the basic planning and design.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2001
WH030	2002 Bridge Replacement Program	

Requesting Department or Agency	Functional Group
Department of Public Works	Transportation and Public Works

Department Priority	Person Completing Form	Date
		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$420,000	$315,000			$105,000
2003	$720,000	$565,000			$155,000
2004	$2,590,000	$2,055,000			$535,000
2005	$950,000	$752,500			$197,500
2006	$1,300,000	$1,040,000			$260,000
SUBSEQUENT					
TOTAL	$5,980,000	$4,727,500			$1,252,500

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$420,000	$1,300,000	$1,720,000
Construction & Implementation			$4,260,000	$4,260,000
Right-of-Way Acquisition				
Equipment				
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees			$832,500	$832,500
Professional Services		$293,000	$467,500	$760,500
DPW Charges		$127,000		$127,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction			$4,260,000	$4,260,000
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$420,000	$5,560,000	$5,980,000

Cost Estimates Prepared By	DPW Review By
M.N. Malas	F.V. Abadi

Budget Year Financing

Federal, State and Local Aids	$315,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$105,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$420,000

Project Useful Life (Years)	50

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	August, 2002
Complete Final Plans & Specifications	November, 2002
Begin Construction	June, 2004
Complete Construction	November, 2004
Scheduled Project Closeout	November, 2006

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH030 – 2002 Bridge Replacement Program

An appropriation of $420,000 is budgeted for the 2002 Bridge Replacement Program. This project is financed by $315,000 in Federal revenue and $105,000 in general obligation bonds.

Bridge Replacement Program: Preliminary Engineering Projects

WH03001: West Forest Home Avenue (CTH "OO") over a branch of the Root River (Village of Hales Corners)

An appropriation of $165,000 is budgeted for this project to be financed by $123,750 in Federal revenue and $41,250 in general obligation bonds.

The appropriation would fund the design phase of this project. Construction would occur in 2004 at an estimated cost of $850,000.

The bridge (B-40-0030) carries West Forest Home Avenue (CTH "OO") over a branch of the Root River and is located approximately 1.0 mile west of junction USH 45, in the Village of Hales Corners. The existing bridge was constructed in 1957 and is a single-span, reinforced concrete, rigid frame structure. The bridge is in poor condition having severely deteriorated slab and construction joints, exposed and corroded reinforcing steel bars.

The condition of the bridge is beyond rehabilitation through normal maintenance or repair means and requires replacement. The sufficiency number for this structure is 25.7, which qualifies for approximately 75 to 80 percent Federal and State funding under the Local Bridge Program.

WH03002: Oak Creek Parkway Bridge #741 over Oak Creek (City of South Milwaukee)

An appropriation of $115,000 is budgeted for this project to be financed by $86,250 in Federal revenue and $28,750 in general obligation bonds.

The appropriation would fund the design phase of this project. Construction would occur in 2003 at an estimated cost of $500,000.

The bridge (P-40-0741) carries Oak Creek Parkway over Oak Creek and is located west of Mill Road, which is a small local street or 0.3-mile southeast junction of STH 32 located in the City of South Milwaukee. The existing bridge was built in 1931 and is a single-span cast in place reinforced concrete girder structure with 7-inch thick reinforced concrete slab. The bridge reinforced concrete deck girders are severely deteriorated and spalled, reinforcing steel is exposed and corroded, and there is substandard railing and poor channel alignment.

The condition of the bridge is beyond rehabilitation through normal maintenance or repair means and requires replacement. The sufficiency number for this structure is 29.9, which qualifies it for approximately 75 to 80 percent Federal and State funding under the Local Bridge Program.

WH03003: Milwaukee River Parkway Bridge #647 over the Milwaukee River (City of Glendale)

An appropriation of $140,000 is budgeted for this project to be financed by $105,000 in Federal revenue and $35,000 in general obligation bonds.

The appropriation would fund the design phase of this project. Construction would occur in 2004 at an estimated cost of $600,000.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH030 – 2002 Bridge Replacement Program (contd.)

The bridge (P-40-0647) carries Milwaukee River Parkway over the South Branch of the Milwaukee River and is located approximately 0.2 mile east of STH 57, in the City of Glendale. The existing bridge was constructed in 1940 and is a single-span, reinforced concrete, ridged frame structure with stone facing. The bridge is in poor condition and classified as structurally deficient having severely deteriorated and cracked concrete, cracked and missing facing stones, and substandard railing.

The condition of the bridge is beyond normal maintenance or repair means and requires replacement. The sufficiency number for this structure is 39.9, which qualifies it for approximately 75 to 80 percent Federal and State funding under the Local Bridge Program.

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.

DPW Staffing Plan

Overall, staff from the Department of Public Works will perform project management. The DPW Project Manager will be Mahmoud N. Malas. Specialized consultants may be used for some components of the basic planning & design, and construction management phase of the project, as needed. Specialized consultants may be retained for archeological surveys, soil investigations, material testing, environmental testing, design services, construction surveying, construction inspection, construction management, etc., and as required, to complete the planning, design, and construction phases of the project.

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2001
WH201	County Trunk Highway Action Program		
Requesting Department or Agency		Functional Group	
Department of Public Works		Transportation and Public Works	
Department Priority	Person Completing Form	Date	
		November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR	$45,905,015	$13,127,245	$4,693,604	$9,706,396	$18,377,770
2001	$3,220,237	$2,368,713		$255,000	$596,524
2002	$250,000	$82,500		$75,000	$92,500
2003	$11,215,000	$3,812,550		$2,248,500	$5,153,950
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$60,590,252	$19,391,008	$4,693,604	$12,284,896	$24,220,744

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$3,181,500		$558,000	$3,739,500
Construction & Implementation	$15,300,237	$20,000	$10,657,000	$25,977,237
Right-of-Way Acquisition	$250,000	$250,000		$500,000
Equipment	$155,000			$155,000
Other	$30,238,515			$30,238,515
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$3,909,638		$558,000	$4,467,638
DPW Charges	$3,057,442	$0		$3,057,442
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements	$341,709	$250,000		$591,709
Roadway Plng & Construction	$16,032,953		$10,657,000	$26,689,953
Equipment & Furnishings	$155,000			$155,000
Other Expenses	$25,628,510			$25,628,510
Total Project Cost	$49,125,252	$250,000	$11,215,000	$60,590,252

Cost Estimates Prepared By	DPW Review By
B. C. Eruchalu	F. V. Abadi

Budget Year Financing

Federal, State and Local Aids	$157,500
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$92,500
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$250,000
Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	$31,130,837
2000 Expenditures	$8,971,023
2001 Expenditures	$3,037,497
Total Expenditures to Date	$43,139,357
Encumbrances	$224,424
Available Balance	$5,761,471

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	N/A
Complete Preliminary Plans	November, 2001
Complete Final Plans & Specifications	November, 2002
Begin Construction	May, 2003
Complete Construction	November, 2004
Scheduled Project Closeout	November, 2006

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH201 – County Trunk Highway Action Program

An appropriation of $250,000 is budgeted for the County Highway Action Program. The project is financed by $82,500 in Federal reimbursement, $75,000 in local revenue and $92,500 in general obligation bonds.

The projects below are currently underway. Additional appropriations have been budgeted to complete and/or continue a project.

Surface Transportation Program-Urban (STP-U) is the Federal funding source. All STP-U funding, when available, will consist of an 80 percent Federal and 20 percent Local match. The 20 percent Local match for the projects shown below is split evenly by the County and the municipality.

State financing is derived from the County Highway Improvement Program (CHIP) and County Highway Improvement Program-Discretionary (CHIP-D). These programs are used as seed money to partially finance the County Highway Action Program. Theoretically, CHIP and CHIP-D provide up to a 50 percent match in State funding for the actual cost of the project. The CHIP and CHIP-D funding levels are determined by the State and are a maximum funding level. On specific projects, any costs which exceed the matching 50 percent level are paid for by the County. In addition, any costs which are less than the matching 50 percent level are returned to the State. CHIP and CHIP-D funds are only reimbursed after the entire project is completed. The Department of Public Works' (DPW) projects selected for funding in this area typically exceed the State match. Therefore, the reimbursement ratio for projects in the Major Rehabilitation Program are actually less than 50 percent.

WH201073: Right of Way Acquisition:
CTH "U" – South 76th Street (West Puetz Road to Imperial Drive)
This project has received appropriations totaling $1,000,000 for preliminary engineering as part of the 1999 and 2001 Capital Improvements budget. The 2002 budgeted amount of $250,000 involves right-of-way acquisition. Both the 1999 and 2001 appropriations were combined to undertake the preliminary engineering because DPW did not receive notice to proceed from the State until March 27, 2000. The City of Franklin will be contributing their share of local funding which will not exceed the eligible project cost.

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.

DPW Staffing Plan
Overall, staff from the Department of Public Works will perform project management. The DPW Project Manager will be Benedict C. Eruchalu. Specialized consultants may be used for some components of the Basic Planning & Design, and Construction Management phases of the projects, as needed. Specialized consultants may be retained for, but not limited to, archeological surveys, soil investigations, material testing, environmental testing, design services, construction surveying, construction inspection, construction management, etc., as required to complete the planning and design, and acquisition and construction.

Milwaukee County Trunk Highways

(As of January 1, 2002)

	Miles
6-Lane Divided Roadways	
W. Good Hope Rd. ("PP") - N. 107th St. - N. Port Washington Rd.	6.5
W. Silver Spring Dr. ("E") - N. 124th St. - N. 68th St.	3.5
S. 76th St. ("U") - W. Grange Ave. - W. Oklahoma Ave.	3.0
W. Rawson Ave. ("BB") - Hawthorne Lane - S. 51st St.	2.1
4-Lane Divided Roadways	
N. Teutonia Ave. ("D") - W. Good Hope Rd. - N. 43rd St.	1.8
W. Mill Rd. ("S") - N. 91st St. - N. 43rd St.	3.0
W. Hampton Ave. ("EE") - N. 124th St. - N. 60th St.	4.0
N. Port Washington Rd. ("W") - Daphne Rd. - Mall Rd.	0.8
W. Oklahoma Ave. ("NN") - W. National Ave. - S. 72nd St.	2.9
W. Beloit Rd. ("T") - S. 103rd St. - W. Oklahoma Ave.	1.0
W. Layton Ave. ("Y") - S. 84th St. - W. Loomis Rd.	2.5
W. Layton Ave. ("Y") - W. Loomis St. - S. 27th (No. C & G)	1.1
E. Layton Ave. ("Y") - S. Howell Ave. - Nicholson Rd.	2.0
W. College Ave. ("ZZ") - S. 27th St. - S. Howell Ave.	2.0
E. College Ave. ("ZZ") - S. Pennsylvania Ave. - S. Packard	1.0
W. Rawson Ave. ("BB") - S. 27th St. - S. Howell Ave.	2.0
W. Rawson Ave. ("BB") - S. Howell Ave. - S. Pennslvania Ave. (No. C & G)	1.5
S. Forest Home Ave. ("OO") - Woods Road (Extended) - Janesville Rd.	1.0
N. 43rd St. ("G") W. Mill Rd. - W. Bradley Rd.	2.0
S. 76th St. ("U") - Terrace - W. Grange Ave.	2.3
4-Lane Roadways	
W. Mill Rd. ("S") - W. Good Hope - W. Bradley Rd.	0.8
E. Layton Ave. ("Y") - Nicholson Rd. - Lake Dr.	1.0
2-Lane Roadways	
N. 107th St. ("F") - W. Brown Deer Rd. - County Line Rd.	1.0
N. Port Washington Rd. ("W") - W. Brown Deer - Ravine Ln.	0.9
W. Mill Rd. ("S") - US45 - N. 107th St.	1.3
W. Beloit Rd. ("T") - W. County Line Rd. - S. 108th St.	1.2
Old Loomis/Crystal Ridge ("K") - W. Rawson Ave. - E. Ternimus	1.3
W. Rawson Ave. ("BB") - N. Cape Rd. - Hawthorne Ln.	2.1
W. Forest Home ("OO") - County Line - Woods Rd. (Extended)	1.8
North Cape Rd. ("J") - County Line - Forest Home	2.0
St. Martin's Rd. ("MM") - N. Cape Rd. - Hwy. 100	1.7
W. Ryan Rd. ("H") - W. Loomis - Hwy. 100	1.9
S. 68th St. ("A") - W. Ryan Rd. to House of Correction	0.7
S. 76th St. ("U") - County Line - Puetz Rd.	3.0
S. 13th ("V") - County Line - Rawson Ave.	5.0
W. Mill Rd. ("S") - East of Teutonia	0.3
2-Lane Roadways- Candidates for Reconstruction to 4-Lane Divided	
N. 43rd St. ("G") - W. Mill Rd. - W. Good Hope Rd.	1.0
W. Mill Rd. ("S") - N. 107th St. - N. 91st St.	1.0
W. Beloit Rd. ("S") - S. 108th St. - S. 103rd St.	0.5
W. Layton Ave. ("Y") - S. 108th St. - S. 84th St.	1.4
W. College Ave. ("ZZ") - W. Loomis - S. 27th St.	2.2
E. College ("ZZ") - S. Howell Ave. - S. Pennsylvania Ave.	1.5
W. Rawson Ave. ("BB") - S. 51st St. - S. 27th St.	1.5
S. 76th St. ("U") - Puetz Rd. - W. Terrace	1.7
S. 92nd St. ("N") - W. Forest Home - W. Oklahoma	2.5
S. 13th St. ("V") - W. Rawson Ave. - W. College Ave.	1.0
Total Miles of County Trunk Highways	**86.3**

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2001
WH202	Sixth Street Viaduct Replacement		
Requesting Department or Agency		Functional Group	
Department of Public Works		Transportation Division	
Department Priority	Person Completing Form	Date	
	Mahmoud N. Malas	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$268,058	$7,500			$260,558
2001	$655,000				$655,000
2002	$600,000				$600,000
2003	$20,000				$20,000
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$1,543,058	$7,500			$1,535,558

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$325,558		$20,000	$345,558
Construction & Implementation	$563,750	$600,000		$1,163,750
Right-of-Way Acquisition	$33,750			$33,750
Equipment				
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$260,558			$260,558
DPW Charges	$85,000	$15,000	$1,000	$101,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements	$33,750			$33,750
Roadway Plng & Construction	$543,750	$585,000	$19,000	$1,147,750
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$923,058	$600,000	$20,000	$1,543,058

Budget Year Financing

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

Cost Estimates Prepared By	DPW Review By
M. N. Malas	F. V. Abadi

Project Useful Life (Years)	75

Project Fiscal Status

Prior Years Expenditures	$155,422
2000 Expenditures	$182,077
2001 Expenditures	$777,698
Total Expenditures to Date	$1,115,197
Encumbrances	$0
Available Balance	-$192,139

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	May, 2001
Complete Preliminary Plans	July, 2000
Complete Final Plans & Specifications	July, 2001
Begin Construction	May, 2001
Complete Construction	September, 2002
Scheduled Project Closeout	January, 2003

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH202 – Sixth Street Viaduct Replacement

An appropriation of $600,000 is budgeted for the continuation of the Sixth Street Viaduct Replacement project. The viaduct carries Sixth Street over the Menomonee Valley in the City of Milwaukee. This project is financed by general obligation bonds.

Section 84.11 of the State Statutes provides that local bridge reconstruction projects, if determined to be eligible and necessary, can be undertaken prior to June 30, 1993, with the following apportionment of costs:

75 percent State	12.5 percent County	12.5 percent City

In response to a City of Milwaukee petition to undertake the reconstruction of the Sixth Street Viaduct, the Wisconsin Department of Transportation (WisDOT) held a public hearing on the subject request and subsequently issued a Finding and Partial Determination as follows:

[1] The Sixth Street Viaduct project is necessary and eligible for construction under Section 84.11 of the State Statutes.

[2] WisDOT will undertake an investigation in order to issue the final order; to commence preliminary engineering studies to determine the location, character, and kind of bridge most suitable for this location; and to estimate the cost of the project.

[3] The State will pay 75 percent of the cost of the investigation and Milwaukee County and City of Milwaukee will pay 12.5 percent each.

[4] Upon completion of these investigations, WisDOT will issue a final complete Determination and Order.

WisDOT has delegated authority to the City of Milwaukee to act as lead agency and to undertake the investigation and preliminary engineering studies for the project. An inter-agency cost sharing agreement between the State, the City of Milwaukee and Milwaukee County for Milwaukee County's 12.5 percent share of project costs was executed in October 1991, in accordance with County Board Resolution File No. 91-756. Subsequently the agreement was revised in 2000.

This is a City of Milwaukee project. A consultant contract for preliminary design was executed in mid-1993. This Capital Improvement budget appropriates funds for the County's share of preliminary engineering, land acquisition, and a portion of the final design cost. The replacement structure will provide the same traffic capacity as the existing viaduct. Replacement of the viaduct provides for continuation of the highway system recommended in the Southeastern Wisconsin Regional Planning Commission Planning Report No. 11, a Jurisdictional Highway System Plan of Milwaukee County. The County has adopted a revised project scope in 1999 that increased the estimated project total cost to approximately $60 million. This is in accordance with County Board Resolution File No. 99-134 that adopted Alternate C, which included an approximate construction cost of $48 million.

In April 1999, a governmental agreement was negotiated to divide approximately $241 million in Interstate Construction Estimate (ICE) Substitute Project funds between State and local government. This agreement allocates the total ICE dollars 50 percent to the State and 50 percent to the City/County or $120.5 million each.

The ICE agreement further commits $51 million of the State, City/County allocations to the Sixth Street Viaduct and $21.3 million to the Park East Freeway project. The remainder of the funds, according to the ICE agreement, would

WH202 – Sixth Street Viaduct Replacement (contd.)

be directed to contribute to some or all of the projects which may be a result of the outcomes from the Wisconsin Center District's Downtown Connector Study as well as the rebuilding of the Marquette Interchange.

The Sixth Street Viaduct ICE allocation provides funds for this project in accordance with the following:

Entity	Total Contribution	ICE Allocation	Local Match*
State	$43,000,000	$36,550,000	$6,450,000
City/County	$17,000,000	$14,450,000	$2,550,000
TOTAL	$60,000,00	$51,000,000	$9,000,000

* The local match is split 75 percent State, 12.5 percent City and 12.5 percent County, except for the first $8 million spent which is split 50 percent State, 25 percent City and 25 percent County. For the remaining $60 million, the total local match is split 75 percent State, 12.5 percent City and 12.5 percent County.

The agreement caps the County expenditures at approximately $1,275,000 for future project expenditure. This does not include the County expenditure for preliminary engineering or expenditure prior to ICE agreement.

The Sixth Street Viaduct is being constructed using a Design/Build delivery system. In July, 2000, the State of Wisconsin Department of Transportation executed a $49,750,000 design-build contract for the reconstruction of the Sixth Street Viaduct with Milwaukee Gateway Partners (MGP), a design-build organization (DBO) made up primarily of Zenith Tech, Inc., Lunda Construction and HNTB Corporation. The 2002 budget provides funding for construction and implementation of the project.

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.

DPW Staffing Plan

The project manager from the Department of Public Works is Mahmoud N. Malas. The State of Wisconsin Department of Transportation is the lead agency and is utilizing Earth Tech as an owner representative.

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2001
WH203	Major Rehabilitation - County Trunk Highways		
Requesting Department or Agency	Department of Public Works	**Functional Group**	Transportation Division
Department Priority	**Person Completing Form**: Benedict C. Eruchalu	**Date**	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$4,793,360		$1,613,800		$3,179,560
2001	$575,000		$212,500		$362,500
2002	$1,877,700		$739,830	$1,067,870	$70,000
2003	$2,525,000		$1,068,750	$237,500	$1,218,750
2004	$150,000				$150,000
2005	$150,000				$150,000
2006	$150,000				$150,000
SUBSEQUENT					
TOTAL	$10,221,060		$3,634,880	$1,305,370	$5,280,810

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$1,353,500	$170,000	$600,000	$2,123,500
Construction & Implementation	$2,270,000	$1,307,700	$2,375,000	$5,952,700
Right-of-Way Acquisition				
Equipment				
Other	$1,744,860	$400,000		$2,144,860
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$682,500		$837,500	$1,520,000
DPW Charges	$671,000	$100,000		$771,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction		$1,377,700	$2,137,500	$3,515,200
Equipment & Furnishings	$2,270,000			$2,270,000
Other Expenses	$1,744,860	$400,000		$2,144,860
Total Project Cost	$5,368,360	$1,877,700	$2,975,000	$10,221,060

Cost Estimates Prepared By: B. C. Eruchalu

DPW Review By: F. V. Abadi

Budget Year Financing

Federal, State and Local Aids	$1,807,700
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	$70,000
G.O. Bonds and Notes	
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$1,877,700

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	$1,326,277
2000 Expenditures	$250,627
2001 Expenditures	$259,384
Total Expenditures to Date	$1,836,288
Encumbrances	$209,176
Available Balance	$3,322,896

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	N/A
Complete Preliminary Plans	N/A
Complete Final Plans & Specifications	N/A
Begin Construction	N/A
Complete Construction	N/A
Scheduled Project Closeout	N/A

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH203 – Major Rehabilitation – County Trunk Highways

An appropriation of $1,877,700 is budgeted for the continuation of the Major Rehabilitation Program. This appropriation is financed by $739,830 in State revenue, $1,067,870 in local revenue and $70,000 in revenue related to billboard leasing at the Zoological Gardens. This budget includes an appropriation of $1,807,700 for South 76th Street (CTH "U") between West Grange Avenue and the northern city limits of the City of Greenfield. In addition, $70,000 is included for the pavement management database maintained by the Department of Public Works.

An appropriation of $300,000 was included in the 1999 Adopted Capital Improvements Budget for engineering for South 76th Street. In addition, an appropriation of $2,496,000 was included in the 2000 Adopted Capital Improvements Budget for construction. The 1999 and 2000 budgets were financed by a County commitment of $1,710,850 and State revenue of $1,085,150. These budgets did not include any local revenue. After the adoption of the County cost share policy in May of 2001, the cost participation for major rehabilitation projects was revised to reflect the new policy which states that participating municipalities must contribute 10 percent of the total cost. The local share, from the City of Greenfield and Village of Greendale, is reflected in the 2002 Adopted Capital Improvements Budget.

The 2002 budget reflects additional costs associated with the design and construction of extending the project limits to the northern city limits of the City of Greenfield, the addition of stamped concrete and tree planting in the median and traffic signal improvements. Also included are non-participating items to be fully paid by the City of Greenfield and Village of Greendale involving median planters, sidewalks, driveways, signal upgrade and items related to street lighting and landscaping. For this reason, the municipalities are contributing more than 10 percent of the total cost.

State financing is derived from the County Highway Improvement Program (CHIP) and County Highway Improvement Program – Discretionary (CHIP-D). These programs are used as seed money to partially finance the County's Major Rehabilitation Program. Theoretically, CHIP and CHIP-D provide up to a 50 percent match in State funding for the actual cost of the project. The CHIP and CHIP-D funding levels are determined by the State and are a maximum funding level. On specific projects, any costs which exceed the matching 50 percent level are paid for by the County. In addition, any costs which are less than the matching 50 percent level are returned to the State. CHIP and CHIP-D funds are only reimbursed after the entire project is completed. The Department of Public Works' (DPW) projects selected for funding in this area typically exceed the State match. Therefore, the reimbursement ratio for projects in the Major Rehabilitation Program are actually less than 50 percent.

WH20302: *South 76th / Layton Avenue Rehabilitation* West Grange Avenue and the City of Greenfield Northern City Limits

			Total	Federal / State	County	Local
[1]	1999 & 2000 ADOPTED BUDGETS					
	1999 – Engineering		$ 300,000	$ 150,000	$ 150,000	$ 0
	2000 – Construction		$2,496,000	$ 935,150	$1,560,850	$ 0
		Total	$2,796,000	$1,085,150	$1,710,850	$ 0
[2]	2002 ADOPTED BUDGET					
			$1,807,700	$ 739,830	$ 0	$1,067,870
[3]	TOTAL COST BREAKDOWN					
	Engineering		$ 400,000	$ 210,000	$ 150,000	$ 40,000
	Construction		$3,803,700	$1,614,980	$1,560,850	$ 627,870
	Other Local Costs		$ 400,000	$ 0	$ 0	$ 400,000
		Total	$4,603,700	$1,824,980	$1,710,850	$ 1,067,870

WH203 – Major Rehabilitation – County Trunk Highways (continued)

The appropriation of $70,000 for the pavement management database finances the services of a consultant for technical investigation and staff to maintain a comprehensive updateable pavement management database for the County Trunk Highway System. The program requires an annual expenditure of County staff hours to oversee the selected consultants' activities and to update the results into a manageable pavement management program. A three-year consultant contract was executed in 1999 to evaluate segments of pavement rankings for improvements within funding limits.

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.

DPW Staffing Plan

Overall, staff from the Department of Public Works will perform project management. The DPW Project Manager will be Benedict C. Eruchalu. Consultants may be used for some components of the Basic Planning & Design, and Construction Management phases of the projects, as needed. Specialized consultants may be retained for: archeological surveys, soils investigations, material testing, environmental testing, design services, construction surveying, construction inspection, construction management, etc., as required to complete the planning and design, and construction phases of the project.

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2001
WH205	Bridge Replacement Program		
Requesting Department or Agency		**Functional Group**	
Department of Public Works		Transportation Division	
Department Priority	**Person Completing Form**	**Date**	
	Mahmoud N. Malas	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR	$15,972,767	$12,527,532		$408,669	$3,036,566
2001	$680,000	$531,000			$149,000
2002	$2,350,000	$1,880,000			$470,000
2003	$800,000	$640,000			$160,000
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$19,802,767	$15,578,532		$408,669	$3,815,566

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$2,240,749	$353,000	$100,000	$2,693,749
Construction & Implementation	$14,201,255	$1,997,000	$700,000	$16,898,255
Right-of-Way Acquisition				
Equipment				
Other	$210,763			$210,763
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$180,000	$350,000	$100,000	$630,000
DPW Charges	$2,100,749	$3,000		$2,103,749
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements	$210,763			$210,763
Roadway Plng & Construction	$14,161,255	$1,997,000	$700,000	$16,858,255
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$16,652,767	$2,350,000	$800,000	$19,802,767

Cost Estimates Prepared By	DPW Review By
M. N. Malas	F. V. Abadi

Budget Year Financing

Federal, State and Local Aids	$1,880,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$470,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$2,350,000

Project Useful Life (Years)	50

Project Fiscal Status

Prior Years Expenditures	$13,972,885
2000 Expenditures	$238,384
2001 Expenditures	$173,015
Total Expenditures to Date	$14,384,284
Encumbrances	$12,880
Available Balance	$2,255,603

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	August, 2001
Complete Preliminary Plans	June, 2001
Complete Final Plans & Specifications	January, 2002
Begin Construction	June, 2002
Complete Construction	September, 2002
Scheduled Project Closeout	September, 2004

WH205 – Bridge Replacement Program

An appropriation of $2,350,000 is budgeted for the bridge replacement program. This project is financed by $1,880,000 in Federal revenue and $470,000 in general obligation bonds.

The County has been efficiently and responsibly replacing bridges with known deficiencies and safety concerns under this program. All of the projects under this program qualify for 80 percent Federal and State funding. The projects listed below have been approved for Federal funding by the Wisconsin Department of Transportation (WisDOT) and are included in County Board Resolutions File No. 97-312 and File No. 99-305 as priority bridge projects. If the projects are not undertaken in the near future, the condition of the deteriorated deck may worsen and continue to damage supporting structural elements that may eventually lead to a bridge load limit posting or closure and increased County liability. County projects may also be delayed if unused funding under the Local Bridge Program is reassigned to other municipalities. Should this happen, the County could end up funding these projects with 100 percent County money.

WH20505: West Mill Road (CTH "S") over the Little Menomonee River (City of Milwaukee)

An appropriation of $1,500,000 is budgeted for this project to be financed by $1,200,000 in Federal revenue and $300,000 in general obligation bonds.

This bridge (B-40-0997) carries West Mill Road (CTH "S") over the Little Menomonee River and is located approximately 1.4 miles west of 76th Street (STH 181) in the City of Milwaukee.

The existing bridge was constructed in 1933 and is a single-span cast in place reinforced concrete girder structure with 7½ inch thick reinforced concrete slab. The bridge reinforced concrete deck girders are severely deteriorated and spalled, reinforcing steel is exposed and corroded, and both structure geometry and railing are substandard.

The condition of the bridge is beyond normal maintenance or repair means and requires replacement. The sufficiency number for this structure is 36.1, which qualifies for 80 percent Federal and Sate funding under the Local Bridge Program.

WH20516: South 76th Street (CTH "U") over the Ryan Creek, a Tributary to the Root River (City of Franklin)

An appropriation of $850,000 is budgeted for this project to be financed by $680,000 in Federal revenue and $170,000 in general obligation bonds.

The bridge (B-40-0934) carries South 76th Street over the Ryan Creek, a Tributary to the Root River and is located approximately 0.7 mile south of Ryan Road or STH 100, in the City of Franklin. The bridge is a single-span, reinforced concrete, rigid frame structure. The bridge is in poor condition having severely deteriorated and spalled concrete, exposed and corroded reinforcing steel bars and substandard railing. The existing bridge is also considered hydraulically inadequate causing upstream flooding.

The condition of the bridge is beyond rehabilitation through normal maintenance or repair and requires replacement. The sufficiency number for this structure is 32.1, which qualifies for 80 percent Federal and State funding under the Local Bridge Program.

WH205 – Bridge Replacement Program (contd.)

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.

DPW Staffing Plan
Overall, staff from the Department of Public Works will perform project management. The DPW Project Manager will be Mahmoud N. Malas. Specialized consultants may be used for some components of the basic planning & design, and construction management phase of the project, as needed. Specialized consultants may be retained for archeological surveys, soil investigations, material testing, environmental testing, design services, construction surveying, construction inspection, construction management, etc., and as required, to complete the planning, design, and construction phases of the project.

Milwaukee County Highway Bridges
(As of January 1, 2002)

A sufficiency rating of 50 or less is required for use of State or Federal funds for structure replacement and 80 or less for structure rehabilitation.

Bridge Ref. #	State I.D. Number	LOCATION	Length (ft.)	No. of Lanes	Sufficiency Rating
1	B-40-0156	N. Teutonia Ave. over branch of Milwaukee River	33.7	6	77.2
2	B-40-0162	W. Silver Spring Dr. (eastbound) over Little Men. River	126.2	2	54.9
3	B-40-0247	W. Silver Spring Dr. (westbound) over Little Men. River	126.2	2	52.0
4	B-40-0997	W. Mill Road over Little Menomonee River	37.0	4	36.1
5	B-40-0506	Wisconsin & Southern RR over W. Mill Road	354.8	N.A.	N.A.
6	B-40-0510	W. Mill Road over Lincoln Creek	32.2	4	77.6
7	P-40-0727	W. Beloit Road over Root River	31.0	2	20.3
8	B-40-0164	S. 76th St. over W. Forest Home Avenue	255.7	6	62.3
9.1	B-40-0575	S. 76th St. over Root River (northbound)	82.8	3	79.1
9.2	B-40-0576	S. 76th St. over Root River (southbound)	82.8	3	79.2
10.1	B-40-0573	S. 76th St. over Loomis Road (northbound)	254.8	3	84.3
10.2	B-40-0574	S. 76th St. over Loomis Road (southbound)	254.8	2	84.3
11	B-40-0934	S. 76th St. over Ryan Creek	25.0	2	32.1
12	B-40-0032	S. 76th St. over branch of Root River	74.0	2	81.3
13	B-40-0569	S. 13th St. over Root River	194.0	4	99.6
14	B-40-0607	S. 13th St. over Oak Creek	45.0	4	97.3
15	B-40-0013	W. Layton Avenue over Root River	114.5	6	82.3
16	B-40-0163	W. Layton Avenue over Forest Home Avenue	273.0	4	94.4
18	B-40-0075	W. Rawson Avenue over branch of Root River	38.3	2	94.9
19.1	B-40-0645	W. Rawson Avenue over Root River (east bound)	97.0	3	99.1
19.2	B-40-0651	W. Rawson Avenue over Root River (west bound)	97.0	3	98.6
19.3	B-40-0664	W. Rawson Avenue over Tributary of Root River (east bound)	30.0	3	100.0
19.4	B-40-0665	W. Rawson Avenue over Tributary of Root River (west bound)	30.0	3	100.0
20	B-40-0389	W. Rawson Avenue over branch of Oak Creek	24.3	6	77.5
21	B-40-0011	E. Rawson Avenue over branch of Oak Creek	23.0	4	71.1
22	B-40-0020	E. Rawson Avenue (eastbound) over C&NWT	197.5	2	78.6
23	B-40-0021	E. Rawson Avenue (westbound) over C&NWT	197.5	2	82.7
24	B-40-0382	W. Hampton Avenue (eastbound) over C&NWT	309.7	2	35.2
25	B-40-0383	W. Hampton Avenue (westbound) over C&NWT	309.7	2	37.8
26	B-40-0342	W. Hampton Avenue (eastbound) over Little Men. Riv.	267.8	2	48.2
27	B-40-0343	W. Hampton Avenue (westbound) over Little Men. Riv.	267.8	2	53.0
28	P-40-0534	W. Hampton Avenue over Lincoln Creek	116.0	4	75.0
29	B-40-0027	W. Oklahoma Avenue over Honey Creek	42.0	4	72.5
30	B-40-0030	W. Forest Home Avenue over branch of Root River	35.0	4	22.6
31	B-40-0497	W. Good Hope Road (westbound) over Little Men. River	107.8	3	79.0
32	B-40-0498	W. Good Hope Road (eastbound) over Little Men. River	107.8	4	77.9
33	P-40-0659	W. Good Hope Road over Lincoln Creek	22.2	4	68.2
34	B-40-0456	C&NWT Co. RR over W. Good Hope Road	198.7	N/A	N/A
35	B-40-0370	W. Good Hope Road over branch of Milwaukee River	22.0	4	76.1
36	B-40-0372	W. Good Hope Rd. (eastbound) over Milwaukee River	177.2	3	85.0
37	B-40-0373	W. Good Hope Rd. (westbound) over Milwaukee River	177.2	3	85.0
38	B-40-0374	W. Good Hope Rd. (eastbound) over Milwaukee River	309.5	3	85.0
39	B-40-0375	W. Good Hope Rd. (westbound) over Milwaukee River	309.5	3	85.0
40.1	B-40-0517	W. College Avenue (eastbound) over Soo Line R.R.	209.3	2	95.2
40.2	B-40-0518	W. College Avenue (westbound) over Soo Line R.R.	209.3	2	95.6
41	B-40-0012	E. College Avenue over branch of Oak Creek	25.0	2	86.1
42	B-40-0506	C&NWT Co. R.R. over East College Avenue	115.7	N/A	N/A

Milwaukee County Highway Bridges
(As of January 1, 2002)

A sufficiency rating of 50 or less is required for use of State or Federal funds for structure replacement and 80 or less for structure rehabilitation.

Bridge Ref. #	State I.D. Number	LOCATION	Length (ft.)	No. of Lanes	Sufficiency Rating
43	B-40-0636	E. Locust Street over C&NWT Co. (R.O.W.)	78.0	4	85.4
44	P-40-0575	Oak Leaf Bike Trail over Hubbard Park Drive	42.0	N/A	N/A
46	B-40-0558	E. Belleview Place over C&NWT Co. (R.O.W.)	74.5	2	97.9
46.2	B-40-0515	W. Mill Road over Lynx Br. of Little Men. River	22.0	6	79.1
47	P-40-0559	Oak Creek Parkway over Oak Creek	38.2	2	32.4
48	P-04-0740	Oak Creek Parkway over Oak Creek east of Mill Road	48.0	2	82.3
49	P-40-0741	Oak Creek Parkway over Oak Creek @ 8th Avenue	68.0	2	29.9
50	B-40-0026	Oak Creek Parkway over Oak Creek @ 9th Avenue	52.0	2	92.9
51	B-40-0601	Oak Creek Parkway over Oak Creek @ Oak Street	49.8	2	91.8
53	B-40-0936	Mill Road over Oak Creek	48.0	2	68.5
54	P-40-0561	Root River Parkway over Root River	46.0	2	78.9
56	B-40-0564	Root River Parkway (east) over Hale Creek	26.5	2	97.9
57	P-40-0562	College Avenue (Extended) over Root River	46.0	2	48.6
58	B-40-0031	College Ave. (Extended) over Root River east of S. 92nd	31.0	2	97.6
59	P-40-0721	Whitnall Park Drive over branch of Root River	28.0	2	47.8
60	P-40-0713	Whitnall Park Drive over branch of Root River	24.5	2	76.2
61	P-40-0564	Whitnall Park Drive over branch of Root River east of STH 100	28.0	2	67.5
62	P-40-0565	Whitnall Park Drive over branch of Root River east of STH 100	28.0	2	55.3
63	P-40-0566	Root River Parkway Connector over Root River	42.5	1	70.5
64	P-40-0570	Honey Creek Pkwy over Honey Creek South of Bluemound Road	48.0	2	89.4
65	P-40-0778	Honey Creek Pkwy over Honey Creek @ St. Anne Court	48.0	2	87.9
66	P-40-0779	Honey Creek Pkwy over Honey Creek S. of Portland Ave.	29.5	2	35.0
67	P-40-0780	Honey Creek Pkwy over Honey Creek W. of N. 70th St.	44.8	2	50.3
68	B-40-0341	Meno. River Pkwy over branch of Meno River east of STH 100	26.5	2	89.0
69	P-40-0771	W. Vienna Avenue over branch of Meno. River @ Grantosa Pkwy	37.0	2	66.0
70	B-40-0511	Swan Boulevard over Menomonee River	127.6	4	76.9
71	P-40-0572	Brown Deer Park Road over Lagoon @ Pavilion	28.0	2	85.5
72	B-40-0646	Milw. River Pkwy over north branch of Milwaukee River	61.2	2	51.3
73	B-40-0647	Milw. River Pkwy over south branch of Milwaukee River	72.2	2	37.8
74	P-40-0573	Lake Park Drive over Ravine south of Lake Drive	50.0	2	89.5
79	B-40-0559	E. Lafayette Pl. & N. Summit Ave. over C&NWT Co. (R.O.W.)	75.1	4	97.2
80	B-40-0502	E. North Avenue over C&NWT Co. (R.O.W.)	95.6	4	75.7
81	B-40-0503	N. Oakland Avenue over C&NWT Co. (R.O.W.)	124.0	4	78.3
82	P-40-0750	W. Hampton Avenue over Milwaukee River-Lincoln Park	291.0	4	77.8
83	B-40-0524	E. Mason Street over Lincoln Memorial Drive	674.9	4	97.4
84	P-40-0568	Jackson Park Dr. over north branch of Kinnickinnic River	40.3	2	49.7
85	P-40-0569	Kinnickinnic River Parkway	124.0	4	91.5
85.1	P-40-0657	Stadium Ramp "A" over Stadium Access Road	73.5	2	76.2
87	B-40-0525	Air Cargo Road over Howell Avenue	179.9	2	98.0
88	B-40-0536	S. Barnekow Road over Soo Line Railroad	144.8	2	100.0

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2001
WH215	Traffic Signal Improvements on CTHs	

Requesting Department or Agency	Functional Group
Department of Public Works	Transportation Division

Department Priority	Person Completing Form	Date
	Rollin M. Bertran	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$150,000			$112,500	$37,500
2001	$142,796			$52,000	$90,796
2002	$50,000				$50,000
2003	$50,000				$50,000
2004	$50,000				$50,000
2005	$50,000				$50,000
2006	$50,000				$50,000
SUBSEQUENT					
TOTAL	$542,796			$164,500	$378,296

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$38,744	$5,000	$20,000	$63,744
Construction & Implementation	$254,052	$20,000	$80,000	$354,052
Right-of-Way Acquisition				
Equipment		$25,000	$100,000	$125,000
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges	$46,744	$25,000	$100,000	$171,744
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction	$246,052			$246,052
Equipment & Furnishings		$25,000	$100,000	$125,000
Other Expenses				
Total Project Cost	$292,796	$50,000	$200,000	$542,796

Cost Estimates Prepared By	DPW Review By
R. M. Bertran	F. V. Abadi

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$50,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$50,000

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$87,799
2000 Expenditures	$67,369
2001 Expenditures	$5,844
Total Expenditures to Date	$161,012
Encumbrances	$0
Available Balance	$131,784

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	

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH215 – Traffic Signal Improvements on CTHs

An appropriation of $50,000 is budgeted for a system-wide signal equipment upgrade and financed by $50,000 in general obligation funds.

Several signalized intersections under the County's jurisdiction need to be rehabilitated and the signal hardware upgraded. The electrical systems at these locations have deteriorated over time and need replacement. Some of the work involves extending communication cable from one traffic box to another.

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.

DPW Staffing Plan

The project manager from the Department of Public Works is Rollin Bertran. DPW staff and/or consultants will perform the basic planning and design.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	
WH222	National Highway System (NHS) - West Good Hope Road Resurfacing	4789-2001

Requesting Department or Agency	Functional Group
Department of Public Works	Transportation Division

Department Priority	Person Completing Form	Date
	Benedict C. Eruchalu	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$22,145,000	$16,756,000	$750,000	$2,150,500	$2,488,500
2001					
2002	$2,254,200		$1,127,100	$225,420	$901,680
2003	$12,145,800	$1,646,656	$2,800,000	$2,614,580	$5,084,564
2004	$10,540,000		$4,048,600	$3,054,000	$3,437,400
2005					
2006	$2,460,000		$221,400	$246,000	$1,992,600
SUBSEQUENT					
TOTAL	$49,545,000	$18,402,656	$8,947,100	$8,290,500	$13,904,744

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$3,705,000		$540,000	$4,245,000
Construction & Implementation	$16,140,000	$2,254,200	$24,605,800	$43,000,000
Right-of-Way Acquisition	$2,300,000			$2,300,000
Equipment				
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$2,000,000			$2,000,000
DPW Charges	$1,705,000	$338,130	$4,230,870	$6,274,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements	$2,300,000			$2,300,000
Roadway Plng & Construction	$16,140,000	$1,916,070	$20,914,930	$38,971,000
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$22,145,000	$2,254,200	$25,145,800	$49,545,000

Cost Estimates Prepared By	DPW Review By
B.C. Eruchalu	F. V. Abadi

Budget Year Financing

Federal, State and Local Aids	$1,352,520
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$901,680
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$2,254,200

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	$8,737,593
2000 Expenditures	$6,934,600
2001 Expenditures	$4,013,057
Total Expenditures to Date	$19,685,250
Encumbrances	$411,409
Available Balance	$2,048,341

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	N/A
Complete Preliminary Plans	June, 2001
Complete Final Plans & Specifications	January, 2002
Begin Construction	May, 2002
Complete Construction	November, 2003
Scheduled Project Closeout	

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH222 – National Highway System (NHS) – W. Good Hope Road Resurfacing

An appropriation of $2,254,200 is budgeted to resurface West Good Hope Road between North 107th Street and North Port Washington Road. This project is financed by $1,127,100 in State revenue, $225,420 in local revenue and $901,680 in general obligation bonds.

The section of Good Hope Road that will be addressed with the 2002 appropriation runs through the City of Glendale and Village of River Hills. This section begins at Port Washington Road and stretches just west of Range Line Road.

Future appropriations will address the remaining sections of Good Hope Road once agreements with the affected municipalities are executed guaranteeing their 10 percent cost share. Other municipalities impacted in future years by this project include the City of Milwaukee and the Village Brown Deer.

This project will involve major reconditioning of the roadway in order to extend the useful life of the existing pavement. The whole segment between North 107th Street and Port Washington Road is showing signs of pavement distress.

The existing pavement was built in three phases:

(a)	1967	Port Washington Road to North Green Bay Avenue
(b)	1969	North Green Bay Avenue to North 43rd Street
(c)	1973-1974	North 43rd Street to North 107th Street

In 1999, $600,000 was approved for the preliminary engineering phase of this project.

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.

DPW Staffing Plan
Overall, staff from the Department of Public Works will perform project management. The DPW Project Manager will be Benedict C. Eruchalu.

Subsequent to the adoption of the 2002 Capital Improvements Budget, the Village of River Hills did not approve an agreement with Milwaukee County to resurface Good Hope Road. The County Board of Supervisors approved an appropriation transfer in April of 2002 to adjust the budget to reflect the section of Good Hope Road located only in the City of Glendale. The adjusted budget is as follows:

Total Budget	State	Local	County
$1,151,100	$575,550	$115,110	$460,440

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2001
WH225	Culvert Replacement Program - Various Locations		
Requesting Department or Agency: Department of Public Works		Functional Group: Transportation Division	
Department Priority	Person Completing Form: Mahmoud N. Malas		Date: November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$100,839			$30,251	$70,588
2001	$350,000		$50,000	$105,000	$195,000
2002	$100,000				$100,000
2003	$500,000				$500,000
2004	$500,000				$500,000
2005	$500,000				$500,000
2006	$500,000				$500,000
SUBSEQUENT					
TOTAL	$2,550,839		$50,000	$135,251	$2,365,588

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$100,839	$100,000	$300,000	$500,839
Construction & Implementation	$320,000		$1,700,000	$2,020,000
Right-of-Way Acquisition	$30,000			$30,000
Equipment				
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$10,000			$10,000
DPW Charges	$90,839	$100,000	$300,000	$490,839
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements	$30,000			$30,000
Roadway Plng & Construction	$320,000		$1,700,000	$2,020,000
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$450,839	$100,000	$2,000,000	$2,550,839

Budget Year Financing

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

Cost Estimates Prepared By	DPW Review By
M. N. Malas	F. V. Abadi

Project Useful Life (Years)	50

Project Fiscal Status

Prior Years Expenditures	$94,806
2000 Expenditures	$2,636
2001 Expenditures	$32,633
Total Expenditures to Date	$130,075
Encumbrances	$2,448
Available Balance	$318,317

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

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH225 – Culvert Replacement Program – Various Locations

An appropriation of $100,000 is budgeted for the replacement or rehabilitation of a County culvert and drainage structure. This appropriation is financed by general obligation bonds.

Culverts and drainage structures along the County's aging highways and parkways have deteriorated beyond the routine normal maintenance means of roadway maintenance. The poor and deficient condition of the structures is a contributing factor to localized flooding, accelerated deterioration of the roadway and increasing maintenance cost. The collapse of a culvert or drainage structure could cause pavement failure, thus resulting in a sinkhole and jeopardizing public safety.

Through this appropriation, the County is planning on efficiently and responsibly inventorying, inspecting and replacing deficient culverts and drainage structures under its control.

Of the $100,000 being appropriated, approximately $20,000 is budgeted for field investigation, engineering, design and letting of replacement or rehabilitation work. In addition, approximately $80,000 is budgeted for construction, construction management and inspection.

This appropriation is intended to address number one below. The remaining structures will be addressed in future years.

[1] North 107th Street (CTH "F")
300' north of West Brown Deer Road (STH 100), in the City of Milwaukee
4x4 Rigid Frame

[2] North 107th Street (CTH "F")
500' north of West Brown Deer Road (STH 100), in the City of Milwaukee
4x4 Rigid Frame

[3] West Rawson Avenue (CTH "BB")
Just west of West Forest Home Avenue (CTH OO), in the City of Franklin
Two 24"x 35" Diagram Double Corrugated Steel Culvert Pipes

[4] West Rawson Avenue (CTH "BB")
Just east of West Forest Home Avenue (CTH OO), in the City of Franklin
30" Diagram Single Corrugated Steel Culvert Pipe

[5] West Rawson Avenue (CTH "BB")
Just west of Lovers Lane (STH 100), in the City of Franklin
20" Diagram Single Corrugated Steel Culvert Pipe

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.

DPW Staffing Plan
Overall, staff from the Department of Public Works will perform project management. The DPW Project Manager will be Mahmoud N. Malas. Specialized consultants may be used for some components of the basic planning

WH225 – Culvert Replacement Program – Various Locations (contd.)

and design, and construction management phases of the project, as needed. Specialized consultants may be retained for archeological surveys, soil investigations, material testing, environmental testing, design services, construction surveying, construction inspection, construction management, etc., as required, to complete the planning and design, and construction phases of the project.

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	
WH226	Bridge Rehabilitation Program	4789-2001

Requesting Department or Agency	Functional Group
Department of Public Works	Transportation Division

Department Priority	Person Completing Form	Date
	Mahmoud N. Malas	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$3,850,000	$2,969,000			$881,000
2001	$4,240,000	$3,360,000			$880,000
2002	$294,000	$195,200			$98,800
2003	$3,865,000	$3,067,750			$797,250
2004	$1,380,000	$1,075,000			$305,000
2005	$1,770,000	$1,400,000			$370,000
2006	$1,220,000	$960,000			$260,000
SUBSEQUENT					
TOTAL	$16,619,000	$13,026,950			$3,592,050

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$1,240,000	$294,000	$505,000	$2,039,000
Construction & Implementation	$6,850,000		$7,730,000	$14,580,000
Right-of-Way Acquisition				
Equipment				
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$768,500	$130,000	$965,000	$1,863,500
DPW Charges	$671,500	$164,000	$670,000	$1,505,500
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction	$6,650,000		$6,600,000	$13,250,000
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$8,090,000	$294,000	$8,235,000	$16,619,000

Cost Estimates Prepared By	DPW Review By
M. N. Malas	F. V. Abadi

Budget Year Financing

Federal, State and Local Aids	$195,200
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	$50,000
G.O. Bonds and Notes	$48,800
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$294,000
Project Useful Life (Years)	50

Project Fiscal Status

Prior Years Expenditures	$1,625,125
2000 Expenditures	$871,423
2001 Expenditures	$3,633,721
Total Expenditures to Date	$6,130,269
Encumbrances	$591,787
Available Balance	$1,367,944

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

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH226 – Bridge Rehabilitation Program

An appropriation of $294,000 is budgeted for this project financed by $195,200 in Federal revenue, $50,000 in revenue related to billboard leasing at the Zoological Gardens and $48,800 in general obligation bonds.

The County has been pursuing upgrading and rehabilitation of County bridges to ensure public safety utilizing available Federal and State funds. The majority of the projects in this program qualify for 80 percent in Federal and State funds, under the Local Bridge Replacement Program.

WH226071 – West Silver Spring Drive – Little Menomonee River - Design

An appropriation of $244,000 would provide funding for the design phase of West Silver Spring Drive Bridge B-40-0162 and B-40-0247. Construction would occur in 2004 with an estimated cost of $1,100,000.

The bridges carry West Silver Spring Drive over the Little Menomonee River and are located 0.5 mile east of STH 100, in the City of Milwaukee. The existing bridges were constructed in 1964 and are three-span cast in place concrete, haunch voided slab structures. The concrete slab, sidewalks and parapets are severely deteriorated, cracked and spalled, reinforcing steel is exposed and corroded. Also the earth banks along the abutments are badly eroding.

The condition of the superstructure is beyond rehabilitation through normal maintenance or repair, because they require deck replacement and substructure repairs. The sufficiency number for these structures varies from 52.0 to 54.9, which qualifies them for 80 percent Federal and State funding under the Local Bridge Program. According to the Department of Public Works, 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 increasing the County's liability.

WH226061 – Road and Pedestrian Structure Inventory and Programming

An appropriation of $50,000 will provide funds to inventory, inspect and program minor and secondary bridges or structures that are not included in the State's bridge file and are not part of the Local Bridge Program. These structures include, but are not limited to, pedestrian bridges and tunnels, bike trail bridges, golf course bridges, miscellaneous retaining wall, etc. This work element is not capitalizable and therefore, cannot be financed with general obligation bonds.

The listed structures have generally been ignored except for some minor maintenance or sudden/emergency replacement. These structures associated with the aging highway and park systems are becoming a nuisance and a major liability. The inventory identifies the condition of these structures and provides an efficient and responsible program to address deficiencies.

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.

DPW Staffing Plan

Overall, staff from the Department of Public Works will perform project management. The DPW Project Manager will be Mahmoud N. Malas. Specialized consultants may be used for some components of the basic planning and design. Specialized consultants may be retained for archeological surveys, soil investigations, material testing, environmental testing, design services, etc., and as required, to complete the planning and design phases of the project.

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2002 ADOPTED CAPITAL IMPROVEMENTS

SECTION 4
MASS TRANSIT

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WT004	Schedule/Runcutting/Operators Extra Board - Phase II		
Requesting Department or Agency: Mass Transit		Functional Group: Transportation	
Department Priority: 2	Person Completing Form: Nancy Senn		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR	$140,000	$112,000			$28,000
2001	$1,000,000	$800,000			$200,000
2002	$1,200,000	$960,000			$240,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$2,340,000	$1,872,000			$468,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$240,000	$198,000		$438,000
Construction & Implementation				
Right-of-Way Acquisition				
Equipment	$900,000	$1,000,000		$1,900,000
Other		$2,000		$2,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$215,000	$180,000		$395,000
DPW Charges	$25,000	$18,000		$43,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$2,000		$2,000
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings	$900,000	$1,000,000		$1,900,000
Other Expenses				
Total Project Cost	$1,140,000	$1,200,000		$2,340,000

Cost Estimates Prepared By: MTS/Consultant

DPW Review By: R. Rutkowski

Budget Year Financing

Federal, State and Local Aids	$960,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$240,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$1,200,000

Project Useful Life (Years)	6

Project Fiscal Status

Prior Years Expenditures	$18,110
2000 Expenditures	$65,376
2001 Expenditures	$44,789
Total Expenditures to Date	$128,275
Encumbrances	$3,936
Available Balance	$1,007,789

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	June 2001
Begin Construction	August 2001
Complete Construction	April 2002
Scheduled Project Closeout	June 2002

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WT004 – Schedule/Runcutting/Operators Extra Board – Phase II

An appropriation of $1,200,000 is budgeted for the replacement/upgrade of the Milwaukee County Transit System (MCTS) computerized schedule/runcutting system. The 80 percent Federal share of this budget is $960,000 and the County share is $240,000, to be financed by general obligation bonds. This appropriation will continue the implementation of the recommendations of phase I of the project.

The project was initiated to upgrade and expand the technical capabilities of the schedule/runcutting system, integrating that system with a computerized operator extra board and an automated payroll system. In phase I, systems were reviewed, overall needs evaluated, and attainable efficiencies identified, along with a cost and implementation plan. The estimated costs from the phase I effort were based on information supplied by four scheduling vendors.

Phase II of the project was initiated in 2001 and the Request for Proposals (RFP) has been issued. Proposals are due June 5, 2002. Based on the estimated costs provided in phase I of the project, an additional $1,200,000 is budgeted in the 2002 budget. This allocation, in addition to the $1,000,000 budgeted in 2001, will be necessary to complete the project.

All costs are eligible for 80 percent reimbursement funding by the Federal Transit Administration (FTA). A Section 5307 formula grant application to the FTA was filed in March 2002 with Federal funds anticipated to be available in July 2002.

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.

<u>DPW Staffing Plan</u>
The Department of Public Works project manager will be Nancy Senn, Transportation Planning and Programming Division. Milwaukee Transport Services, Inc. (MTS) staff will handle the planning functions.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WT010	Bus Replacement Program - Neoplan & Gillig		
Requesting Department or Agency: Mass Transit		Functional Group: Transportation	
Department Priority: 1	Person Completing Form: Nancy Senn	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR					
2001	$8,250,000	$6,839,581			$1,410,419
2002	$15,800,000	$13,095,000			$2,705,000
2003	$13,800,000	$11,440,000			$2,360,000
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$37,850,000	$31,374,581			$6,475,419

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$165,000	$450,000	$300,000	$915,000
Construction & Implementation				
Right-of-Way Acquisition				
Equipment	$8,085,000	$15,350,000	$13,500,000	$36,935,000
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$123,750	$400,000	$250,000	$773,750
DPW Charges	$41,250	$50,000	$50,000	$141,250
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings	$8,085,000	$15,350,000	$13,500,000	$36,935,000
Other Expenses				
Total Project Cost	$8,250,000	$15,800,000	$13,800,000	$37,850,000

Cost Estimates Prepared By	DPW Review By
MTS/Bids	R. Rutkowski

Budget Year Financing

Federal, State and Local Aids	$13,095,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$2,705,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$15,800,000
Project Useful Life (Years)	12

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$7,916,872
Total Expenditures to Date	$7,916,872
Encumbrances	$27,664
Available Balance	$305,464

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	February 2000
Begin Construction	March 2001
Complete Construction	July 2003
Scheduled Project Closeout	September 2003

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WT010 – Bus Replacement Program – Neoplan & Gillig

An appropriation of $15,800,000 is budgeted for the purchase of 60 New Flyer buses and spare parts. The Federal share of this purchase is $13,095,000 and the County share is $2,705,000 to be financed by general obligation bonds.

This allocation continues the replacement of 141 buses which includes 129 Neoplan buses purchased in 1985 and 1986 and 12 Gillig buses purchased in 1991. This replacement project began in 2001 with the order of 30 New Flyer buses. The remaining 51 buses to complete the project will be purchased in 2003, advancing the goals of fleet standardization, Americans with Disabilities Act (ADA) accessibility, improved fuel economy and reduced exhaust emissions for cleaner air.

Federal Transit Administration (FTA) Section 5307 and 5309 discretionary grant applications were filed in March 2002 to fund approximately 83 percent of the 2002 bus purchases. County Board Resolution File Number 01-118 assured local funding in the 2002 budget for the 60-bus purchase.

Bus Delivery Schedule

Type	Quantity	Budget Year	Scheduled Delivery
New Flyer	60	1999	Complete
New Flyer	30	2000	Complete
New Flyer	30	2001	Complete
	120		
New Flyer 40'	30	2001	Complete
New Flyer 40'	40	2002	In progress
New Flyer 30'	20	2002	In progress
New Flyer 40'	51	2003	March-03
	141		
Unknown	40	2004	Spring 2004
Unknown	40	2005	Spring 2005
Unknown	37	2006	Spring 2006
	117		

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.

DPW Staffing Plan

The Department of Public Works project manager for the bus replacements will be Nancy Senn, Transportation Planning and Programming Division. Milwaukee Transport Services, Inc. (MTS) staff has handled the planning and will handle assembly inspection (construction management) functions.

MILWAUKEE COUNTY BUS FLEET
(As of January 1, 2002)

Manufacturer	Size	Number	Year Purchased
Chance-Trolley	27'	3	1985
Neoplan	40'	48	1985
Neoplan	40'	46	1986
Orion	40'	117	1990 & 1991
New Flyer	40'	146	1996 & 1997
New Flyer	30'	9	1997
Chance-Trolley	30'	10	2000
New Flyer	40'	90	2000
New Flyer	40'	69	2001
Total Fleet		**538**	

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WT017	Summerfest Staging Area		
Requesting Department or Agency	Mass Transit	**Functional Group**	Transportation
Department Priority 11	**Person Completing Form** Nancy Senn		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR					
2001					
2002	$275,000	$220,000		$55,000	$0
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$275,000	$220,000		$55,000	$0

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$7,920		$7,920
Construction & Implementation		$267,000		$267,000
Right-of-Way Acquisition				
Equipment				
Other		$80		$80
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges		$7,920		$7,920
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$80		$80
Buildings / Structures				
Land / Land Improvements		$267,000		$267,000
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$275,000		$275,000

Budget Year Financing

Federal, State and Local Aids	$275,000
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	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$275,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Milwaukee World Festival	R. Rutkowski	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	February 2002
Complete Final Plans & Specifications	March 2002
Begin Construction	April 2002
Complete Construction	June 2002
Scheduled Project Closeout	August 2002

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WT017 – Summerfest Staging Area

An appropriation of $275,000 is budgeted for the expansion of the current "Summerfest Transit Lot" to accommodate additional buses and routing needs of the Milwaukee County Transit System (MCTS). The 80 percent Federal share of this budget is $220,000 and the local share is $55,000, to be provided by Milwaukee World Festival resulting in no Milwaukee County funding for the project.

This project fulfills the requirement that a minimum of one percent of the annual Federal Transit Administration (FTA) funds received by Milwaukee County be committed to projects designed to enhance transit service or use through physical or functional improvements to transit facilities. Eligible enhancements might include signage, Americans with Disabilities Act (ADA) accessibility and pedestrian safety and access, transit connections to major park attractions, landscaping, street lighting and shelters, among others.

The project will expand and clearly define the bus loading area and develop a dedicated pedestrian route on Chicago Street. The work will entail infrastructure enhancements such as curb cuts, utility relocation, fencing, lighting, paving, signage and landscaping. It is anticipated that through this work, bus ridership to Summerfest and the ethnic festivals will increase because of the enhanced and more efficient service, more convenient access for persons with disabilities and improved direction to passenger loading areas. It is further anticipated that the project will reduce the congestion impact on adjacent Third Ward properties, enhance pedestrian safety and allow for improvements to the bicycle parking area.

All costs are eligible for 80 percent reimbursement funding by the FTA. A Section 5307 formula grant application to the FTA was filed in March 2002 with Federal funds anticipated to be available in July 2002.

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.

DPW Staffing Plan
The Department of Public Works project manager will be Nancy Senn, Transportation Planning and Programming Division. Milwaukee World Festival staff will handle specification development and construction management.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WT018	Fiebrantz Complex Renovations		
Requesting Department or Agency: Mass Transit		Functional Group: Transportation	
Department Priority: 5	Person Completing Form: Nancy Senn		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$1,223,810	$971,120			$252,690
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$1,223,810	$971,120			$252,690

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$209,896		$209,896
Construction & Implementation		$1,002,000		$1,002,000
Right-of-Way Acquisition				
Equipment				
Other		$11,914		$11,914
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges		$209,896		$209,896
Capitalized Interest		$9,910		$9,910
Park Services				
Disadv. Business Serv.		$2,004		$2,004
Buildings / Structures		$1,002,000		$1,002,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$1,223,810		$1,223,810

Cost Estimates Prepared By	DPW Review By
Consultant	R. Rutkowski

Budget Year Financing

Federal, State and Local Aids	$971,120
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$247,735
Airport Reserve	
Investment Earnings	$4,955
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$1,223,810
Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	February 2002
Complete Final Plans & Specifications	March 2002
Begin Construction	June 2002
Complete Construction	September 2002
Scheduled Project Closeout	November 2002

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WT018 – Fiebrantz Complex Renovations

An appropriation of $1,223,810 is budgeted for improvements at the Fiebrantz Complex. The Milwaukee County Transit System (MCTS) portion of the Facilities Condition Assessment report, having been funded with 80 percent Federal Transit Administration (FTA) dollars, was among the first completed. The report, prepared in pre-draft form, has been used in the development of the 2002 Capital Budget. The report provides an assessment of the corrective measures required of the physical plants that comprise the MCTS complexes.

WT01801 Fiebrantz Complex Renovation – Floor Replacement

An appropriation of $448,330, including $3,630 in capitalized interest, is budgeted for the replacement of the concrete floor at the MCTS Fiebrantz Maintenance Shop. The 80 percent Federal share of this budget is $355,760 and the County share of $92,570 will be financed by $90,755 in general obligation bonds and $1,815 of investment earnings.

The Fiebrantz Maintenance Shop concrete floor is a slab on grade and an elevated floor at the service pits. The concrete deck in the elevated section is deteriorated with damaged, cracking and spalling concrete and exposed reinforcing steel that is deteriorated. The steel support structure for the elevated section is deteriorated with substantial corrosion visible on the column tops, beams and column bases. Some of the column web sections are substantially reduced due to deterioration. The slab on grade is not level with some spalling and cracking. Three of the service pit areas are not used due to the deterioration of the floor structure.

The recommended correction includes replacing the concrete floor and removal and re-support of electrical and mechanical systems as required.

WT01803 Fiebrantz Complex Renovation – Roof Replacement

An appropriation of $775,480, including $6,280 in capitalized interest, is budgeted for the replacement of the roof at the MCTS Fiebrantz Maintenance Shop and Bus Storage Building. The 80 percent Federal share of this budget is $615,360 and the County share of $160,120 will be financed by $156,980 in general obligation bonds and $3,140 of investment earnings.

The built-up roof system in both locations is in poor condition due to age, with some leaking and worn and deteriorated roof materials, flashing, flashing sealant and parapet wall cap sheet.

The recommended correction is the replacement of the built-up portion of the roof with an ethylene propylene diene-terpolymer membrane (EPDM) roof. This includes replacing the roof drains, installing the EPDM roof on the parapet walls and terminating beneath the counter-flashing cap.

Costs for both projects are eligible for 80 percent reimbursement funding by the FTA. A Section 5307 formula grant application to the FTA was filed in March 2002 with Federal funds anticipated to be available in July 2002.

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.

DPW Staffing Plan
Ron Rutkowski will be the project manager, utilizing Department of Public Works Architectural and Engineering construction and planning staff and outside structural consultants.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WT021	Bus Hoists	

Requesting Department or Agency	Functional Group
Mass Transit	Transportation

Department Priority	Person Completing Form	
4	Nancy Senn	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR					
2001					
2002	$1,064,400	$851,520			$212,880
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$1,064,400	$851,520			$212,880

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$180,636		$180,636
Construction & Implementation				
Right-of-Way Acquisition				
Equipment		$882,000		$882,000
Other		$1,764		$1,764
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$160,636		$160,636
DPW Charges		$20,000		$20,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$1,764		$1,764
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings		$882,000		$882,000
Other Expenses				
Total Project Cost		$1,064,400		$1,064,400

Cost Estimates Prepared By	DPW Review By
MTS	R. Rutkowski

Budget Year Financing

Federal, State and Local Aids	$851,520
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$212,880
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$1,064,400

Project Useful Life (Years)	15

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	March 2002
Complete Final Plans & Specifications	April 2002
Begin Construction	June 2002
Complete Construction	August 2002
Scheduled Project Closeout	October 2002

WT021 – Bus Hoists

An appropriation of $1,064,400 is budgeted for the replacement of 21 bus hoists at two Milwaukee County Transit System (MCTS) bus garages. The 80 percent Federal share of this request is $851,520 and the County share is $212,880 to be financed by general obligation bonds.

The servicing of an increasing number of low floor buses in the fleet has become more difficult using the existing hoisting mechanisms at the Fond du Lac and Kinnickinnic garages. The existing three post hoists at both sites are designed for use with the articulated series of buses rather than low floor or standard coaches. Use of the existing hoist structure, which rests above floor level, has resulted in problems driving low floor buses onto the hoists. Damage to both the vehicle and hoist mechanism has occurred.

The project consists of the replacement of 12 hoists at the Fond du Lac garage and nine hoists at the Kinnickinnic garage. The replacement hoist will be a drive-on type suitable for all types of heavy-duty vehicles. The drive-on hoist will provide safer access to the understructure of the vehicle, facilitating repairs to the frame, wheel well, step well and other underbody components.

All costs are eligible for 80 percent reimbursement funding by the Federal Transit Administration (FTA). A Section 5307 formula grant application to the FTA was filed in March 2002 with Federal funds anticipated to be available in July 2002.

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.

DPW Staffing Plan
The Department of Public Works Transit project manager will be Ron Rutkowski, Transportation Planning and Programming Division. Milwaukee Transport Services, Inc. (MTS) staff will handle specification development and construction management.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WT263	Mobile Data Terminals	

Requesting Department or Agency	Functional Group
Mass Transit	Transportation

Department Priority	Person Completing Form	
3	Nancy Senn	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$1,027,750	$822,200			$205,550
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$1,027,750	$822,200			$205,550

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$141,322		$141,322
Construction & Implementation				
Right-of-Way Acquisition				
Equipment		$885,000		$885,000
Other		$1,428		$1,428
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$131,322		$131,322
DPW Charges		$10,000		$10,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$1,428		$1,428
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings		$885,000		$885,000
Other Expenses				
Total Project Cost		$1,027,750		$1,027,750

Cost Estimates Prepared By	DPW Review By
MTS	R. Rutkowski

Budget Year Financing

Federal, State and Local Aids	$822,200
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$205,550
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$1,027,750

Project Useful Life (Years)	10

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	March 2002
Complete Final Plans & Specifications	April 2002
Begin Construction	June 2002
Complete Construction	September 2002
Scheduled Project Closeout	November 2002

WT263 – Mobile Data Terminals

An appropriation of $1,027,750 is budgeted for the purchase and installation of mobile data terminals (MDT) with an automatic vehicle location (AVL) function in approximately 140 paratransit vehicles. The 80 percent Federal share of this project is $822,200 and the County share is $205,550 to be financed by general obligation bonds.

The Milwaukee County Transit Plus Paratransit Program is currently under contract with five separate carriers to provide demand responsive paratransit service. Drivers are currently dispatched to perform a series of trips using a paper manifest that identifies each pickup/drop off location and serves as the official record of the daily trip activity. The manifest is also used to record additions and cancellations to scheduled trips.

The introduction of mobile data terminals with AVL will result in an interactive paperless system. Dispatchers will have more time to review trip performance, improve the efficiency of schedules, and address customer concerns in a more timely and efficient manner. This should result in a more responsive service to the customer. In addition, Milwaukee County should experience greater efficiency in dispatching, resulting in somewhat higher productivity numbers. From discussion with other systems, Milwaukee Transit Services, Inc. (MTS) estimates that productivity of the van services could increase from the 1.93 trips per hour projected for 2002, to 1.96 or 1.97 trips per hour for 2003. This would save $177,000 to $235,000 per year in operating costs.

The project cost includes hardware, system and integration software and installation of the equipment in the carrier vehicles and dispatch office.

All costs are eligible for 80 percent reimbursement funding by the Federal Transit Administration (FTA). A Section 5307 formula grant application to the FTA was filed in March 2002 with Federal funds anticipated to be available in July 2002.

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.

DPW Staffing Plan

The Department of Public Works project manager will be Nancy Senn, Transportation Planning and Programming Division. MTS staff will handle specification development and construction management functions.

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2002 ADOPTED CAPITAL IMPROVEMENTS

SECTION 5
ENVIRONMENTAL SERVICES

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WV003	Countywide Stormwater Discharge Permit - NR216		
Requesting Department or Agency		**Functional Group**	
Environmental Services		Environment Transportation	
Department Priority	**Person Completing Form**		
2	Gary Mick		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$360,000				$360,000
2003	$360,000				$360,000
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$720,000				$720,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$360,000	$340,000	$700,000
Construction & Implementation				
Right-of-Way Acquisition				
Equipment				
Other			$20,000	$20,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$180,000	$240,000	$420,000
DPW Charges		$180,000	$100,000	$280,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses			$20,000	$20,000
Total Project Cost		$360,000	$360,000	$720,000

Cost Estimates Prepared By	DPW Review By
Gary Mick	Gary Mick

Budget Year Financing

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

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	N/A
Complete Preliminary Plans	1/02
Complete Final Plans & Specifications	8/03
Begin Construction	N/A
Complete Construction	N/A
Scheduled Project Closeout	12/03

WV003 - Countywide Stormwater Discharge Permit - NR216

An appropriation of $360,000 is budgeted in 2002 to provide for system data acquisition, compilation and display, legal analysis and negotiation of a Countywide Stormwater Discharge Permit under Wisconsin Department of Natural Resources (DNR) regulation - NR 216. The project is planned to be a two year effort with a similar amount budgeted in 2003. Financing for the 2002 appropriation will be provided from sales tax revenue.

On November 16, 2000, Milwaukee County received notice from the DNR that the County had been designated as a municipality required to obtain a municipal stormwater discharge permit under Chapter NR 216, Wisconsin Administrative Code. The discharge permit process has several phases. This initial phase was the "pre-application phase" during which the County gathered requested information and forwarded it back to the DNR within the six months allowed. This response was made on May 10, 2001. Per regulations, once the pre-application information is reviewed and accepted, two years are allowed to complete the permitting process.

All 19 communities within Milwaukee County are currently going through this same permitting effort. Some communities such as the City of Milwaukee have had their permit in effect since 1994. Some stormwater permit applications are submitted as groups working together. Group efforts are encouraged by the DNR. General Mitchell International Airport has had an industrial category discharge permit for the past two years that primarily revolves around the control of aircraft deicing fluid.

Various other Milwaukee County facilities such as the Zoo, County Grounds, Fleet/Highway yards, certain Parks properties, House of Correction, Transit, and County highways are typical candidates for similar permitting. These facilities are thought to contribute runoff pollution either directly to the waters of the State or are connected to these waterways by way of storm sewer systems owned by the County and/or others entities.

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.

DPW Staffing Plan
The Department of Public Works project manager will be Gary Mick. Specialized consultants may be used for some components of basic planning, design, and construction management, as needed. Specialized consultants may be retained as needed for archeological surveying, soil/materials testing and assessments, construction surveying, specialized legal counsel through Corporation Counsel, appraisers, negotiators, title search consultants, etc., as required to complete planning, design and construction.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WV376	Underground Storage Tank Program - Various Sites		
Requesting Department or Agency: Environmental Services		Functional Group: Transportation	
Department Priority: 1	Person Completing Form: Gary Mick	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$1,546,486		$41,963		$1,504,523
2001	$15,000		$6,000		$9,000
2002	$110,000		$44,000		$66,000
2003	$75,000		$30,000		$45,000
2004	$60,000		$24,000		$36,000
2005	$25,000		$10,000		$15,000
2006	$25,000		$10,000		$15,000
SUBSEQUENT	$50,000		$20,000		$30,000
TOTAL	$1,906,486		$185,963		$1,720,523

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$40,000	$75,000	$185,000	$300,000
Construction & Implementation	$71,000	$35,000	$50,000	$156,000
Right-of-Way Acquisition				
Equipment				
Other	$1,450,486			$1,450,486
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$20,000			$20,000
Professional Services	$9,000	$50,000	$130,000	$189,000
DPW Charges	$16,000	$25,000	$55,000	$96,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements	$66,000	$35,000	$50,000	$151,000
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses	$1,450,486			$1,450,486
Total Project Cost	$1,561,486	$110,000	$235,000	$1,906,486

Cost Estimates Prepared By	DPW Review By
Laura Lamuth	Gary Mick

Budget Year Financing

Federal, State and Local Aids	$44,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	$66,000
G.O. Bonds and Notes	
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$110,000

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	$1,471,486
2000 Expenditures	$10,679
2001 Expenditures	$11,878
Total Expenditures to Date	$1,494,043
Encumbrances	$7,814
Available Balance	$59,629

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	N/A
Complete Preliminary Plans	5/98
Complete Final Plans & Specifications	10/98
Begin Construction	7/99
Complete Construction	10/99
Scheduled Project Closeout	1/08

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WV376 - Underground Storage Tank Program - Various Sites

An appropriation of $110,000 is budgeted to provide for final clean-up and post clean-up monitoring of the underground storage tanks at the following Milwaukee County owned properties: Department of Public Works (DPW) at 721 Winnebago, DPW - North Shop, Coldspring Bus Garage, Dretzka Park, and Washington Park. Financing will consist of $44,000 in Wisconsin Department of Natural Resources (WDNR) revenue and $66,000 from revenue related to billboard leasing at the Zoological Gardens.

These properties represent the last of over 50 sites that required remediation under a program started in 1990 to address the over 250 underground storage tanks owned by the County at that time. DPW Environmental Services Division is combining them into one project for administrative/budgetary simplification.

The underground storage tank at 721 Winnebago (Winnebago-Sealman Block) is the most complicated of the sites. An environmental site investigation/remediation was ordered by the Wisconsin Department of Natural Resources (WDNR) due to off-site migration of petroleum contamination discovered on the Sealman Block Property at 8th Street and Juneau Avenue. Milwaukee County is working jointly with the City of Milwaukee and Milwaukee Area Technical College to remediate the site. The City of Milwaukee expenditures have accumulated to approximately $550,000. Milwaukee County Corporation Counsel has negotiated an Intergovernmental Agreement to settle pending litigation and funds are reserved to effect the settlement. Additionally, Milwaukee County proposes to submit the City of Milwaukee's cost as a separate third party claim to the State Petroleum Environmental Cleanup Fund (PECFA) along with the County's expenditures for reimbursement.

DPW - North Shop, Coldspring Bus Garage, Dretzka Park, and Washington Park will continue to be monitored. Closure on these sites will be attempted by the Wisconsin Department of Commerce and the Wisconsin Department of Natural Resources

The total estimated cost of the project is $1,906,486. Appropriations carried over from 1997 were used in 1998 to perform tank removal and determine the existence of soil and/or groundwater contamination. Funding in 2000 was used to clean up the contaminated soil and groundwater. The 2001 appropriation was used to perform the testing required by the WDNR to assure that the clean-up meets standards so natural remediation can deal with any residuals. The County received a "Responsible Party" notice from the WDNR on February 4, 1999 to restore the environment of the subject property.

During 2002 and out years, remediation costs will be incurred for system operation, management and monitoring. Source contamination and migrated off-site contamination must be reduced to WDNR standards to avoid liability and/or future litigation. Further, costs are incurred for Milwaukee Metropolitan Sewerage District discharge permits for disposal of collected contaminated water as well as WDNR vapor discharge permits.

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.

DPW Staffing Plan

The Department of Public Works project manager will be Ernest Johnson and will have primary responsibility for project management, owner services, and consultant management for the remediation of the petroleum contamination soil and groundwater for these projects.

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2002 ADOPTED CAPITAL IMPROVEMENTS

SECTION 6
MUSEUM

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WM563	Security/Fire/Life/Safety System - Planning		
Requesting Department or Agency: Milwaukee Public Museum		Functional Group: Parks Recreation and Culture	
Department Priority: 1	Person Completing Form: Richard W. Swainston		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$718,885				$718,885
2001					
2002	$773,000				$773,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$1,491,885				$1,491,885

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$175,765	$189,000		$364,765
Construction & Implementation	$533,820	$574,000		$1,107,820
Right-of-Way Acquisition				
Equipment				
Other	$9,300	$10,000		$19,300
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$122,385	$131,600		$253,985
DPW Charges	$53,380	$57,400		$110,780
Capitalized Interest				
Park Services				
Disadv. Business Serv.	$9,300	$10,000		$19,300
Buildings / Structures	$533,820	$574,000		$1,107,820
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$718,885	$773,000		$1,491,885

Cost Estimates Prepared By: Tom Pritzlaff — DPW Review By: Walter Wilson

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	$56,000
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$717,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$773,000
Project Useful Life (Years)	15

Project Fiscal Status

Prior Years Expenditures	$717,657
2000 Expenditures	$1,228
2001 Expenditures	
Total Expenditures to Date	$718,885
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	N/A
Complete Preliminary Plans	8/02
Complete Final Plans & Specifications	9/02
Begin Construction	10/02
Complete Construction	2/03
Scheduled Project Closeout	3/03

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WM563 – Security/Fire/ Life/ Safety System - Planning

An appropriation of $773,000 is budgeted for planning, design and construction of the second phase of the Security/Fire/Life Safety System at the Milwaukee Public Museum. Financing for this project will be provided by general obligation bonds ($717,000) and sales tax revenues ($56,000).

The second phase of the Security/Fire/Life Safety System project would integrate the existing security system into the new fire alarm console and eliminate the multiple systems in the operation center. The system includes card access readers, closed circuit television (CCTV), life-safety alarms, guard tours, intrusion alarms, and video imaging and badge generation. Speed of response is enhanced because the field devices are single-purpose units and are not over taxed with conflicting data.

The purpose of the Security/Fire/Life Safety System is to upgrade the Museum's security technology to ensure the protection and the safety of the public, staff, and the irreplaceable collections and research documents entrusted to the Museum. This request is a continuation of the 1996 capital improvement project, hence, "Phase II." Phase I provided for a fire alarm system complete with a voice activation system and is American with Disabilities Act compliant.

In 1960, the limited security technology that was available was installed. New equipment was only added due to expansion of exhibits during recent years. There are insufficient access card readers to protect the collection storage areas and restricted work areas. Currently, a systematic record of identification or documentation for accessed individuals does not exist. Museum staff indicates that the collections displayed in public exhibit floor cases, cabinets and closets are jeopardized by a deficient and outdated key access control system. The current CCTV system is limited in its ability to protect collections, staff, cash handling areas, and the public. Ultimately, response regarding alarms for intrusion, theft, and hold-up is impaired due to the lack of integration and multiplexing of systems, and the lack of computer graphics denoting alarms and their locations.

The proposed unified state-of-the art integrated system will include access readers, CCTV, intrusion alarms, and video imaging and badge generation.

Color Graphic Display: In order to provide efficient use of space, equipment and manpower, while providing a more error-free identification process for alarms, equipment must be limited, compatible, and integrated. All systems must have universal power supply (UPS)/emergency power backup. A graphics supported computer system provides immediate, accurate locations to any alarm in the facility for over 1,500 life-safety and security alarm devices.

Access Control System: This system consists of: a) an upgrade of the access card reader system to provide all highly secured areas with a record of identification. In addition, the access control system will provide video imaging for badges to identify and control access; b) an upgrade of all public exhibits with state-of-the-art security devices, such as all exhibit cases, closets, and cabinets on the public floors, integrating with the Best Lock system for all exhibit cases, closets, and cabinets on the public floors, integrating with the Best Lock system currently in place throughout all non-public areas. This access control system will reduce liabilities for theft, intrusion, and vandalism, and is indispensable for the protection of valuable collections, offices, and public exhibition areas.

Closed Circuit TV (CCTV): Additional CCTV coverage with the video-recording capabilities for identification purposes and color camera systems with automatic alarm response. Cameras will be located to cover the admission areas, gift shops, exhibit halls, and collection storage areas. Cameras will also be located to cover the outside perimeter of the building to protect property and life 24 hours a day.

Security Survey: A reputable museum security consultant's study, survey and recommendation on methods to reduce risk to collections and people.

WM563 - Security Fire Life Safety System – Planning (cont'd)

IMAX/Discovery World Fire Alarm Conversion: The inclusion of the fire alarm systems of Discovery World and IMAX Theater into the MPM central control station to monitor and respond to their systems in the most efficient and expedient manner.

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.

DPW Staffing Plan

The DPW project manager will be Steve Dragosz. Overall project management will be performed by DPW staff. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS

SECTION 7
DEPARTMENT OF PARKS, RECREATION & CULTURE

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WP001	Boerner Botanical Gardens Visitor Center		
Requesting Department or Agency: Department of Parks, Recreation & Culture		Functional Group: Parks, Recreation & Culture	
Department Priority: 8	Person Completing Form: Paul D. Hathaway		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$2,000,000			$2,000,000	$0
2001	$7,500,000			$4,500,000	$3,000,000
2002	$800,000			$710,000	$90,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$10,300,000			$7,210,000	$3,090,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$1,247,500	$237,843		$1,485,343
Construction & Implementation	$8,252,500	$562,157		$8,814,657
Right-of-Way Acquisition				
Equipment				
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$570,000	$75,317		$645,317
DPW Charges	$677,500	$162,526		$840,026
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures	$7,252,500	$562,157		$7,814,657
Land / Land Improvements	$1,000,000			$1,000,000
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$9,500,000	$800,000		$10,300,000

Budget Year Financing

Federal, State and Local Aids	$710,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$90,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$800,000

Cost Estimates Prepared By	DPW Review By
DPW	

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	$281,842
2000 Expenditures	$236,016
2001 Expenditures	$841,503
Total Expenditures to Date	$1,359,361
Encumbrances	$7,497,449
Available Balance	$643,190

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	Complete
Complete Final Plans & Specifications	Complete
Begin Construction	9/01
Complete Construction	1/03
Scheduled Project Closeout	3/03

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP001 – Boerner Botanical Gardens Visitor Center

An appropriation of $800,000 is budgeted for the final phase of construction of the Boerner Botanical Gardens Visitor Center. The budget includes $710,000 from the Friends of Boerner Botanical Gardens and a County commitment of $90,000 in general obligation bonds. This funding will be used to complete the site and building construction and provide building furnishings.

The County and Friends executed a Memorandum of Understanding (MOU) in September 1999 (County Board File No. 99-490). Subsequent to the MOU, a development agreement (County Board File No. 01-311) between the County and Friends was adopted by the County Board in May of 2001. The fiscal note in the resolution states that in the event that actual costs exceed the original $10 million estimate, the additional cost would be split between the County and the Friends on a 30 percent County, 70 percent Friends basis, with the total project not to exceed $11.4 million and the County share not to exceed $3,420,000. The resolution also indicated that if these additional funds were needed from the County, the funds would need to be included in the 2002 County Budget.

Although the original cost of the project was estimated at $11,400,000, based on actual bids received, the total costs have been recalculated to $10,300,000 and the County's total commitment is $3,090,000. The County appropriated $3,000,000 in the 2001 Capital Improvements Budget. Therefore, the County's remaining commitment is $90,000.

The contract for the construction was awarded in the fall of 2001 with construction slated to begin thereafter. Construction is projected to be completed by January of 2003 and the proposed building opening is May of 2003.

The current Boerner Garden House, which contains the administrative offices, volunteer offices, a gift shop, restrooms, reception office, and meeting room, is the key support facility for the operation of the Boerner Botanical Gardens. Over the past 40 years there has been repeated documentation that the existing 3,350 square feet of floor space was not sufficient to provide adequate visitor services/orientation or to support the expansion of educational programming. These limitations have become even more apparent given the growing national interest in gardening and the environment.

The Friends of Boerner Botanical Gardens has expressed its willingness to undertake private fund raising activities in support of the education and visitor center. Historically, the Friends' ability to assist in the development and operation of the Boerner Gardens has been significant.

In 1996, a Master Plan for the Boerner Gardens was completed and accepted by the Milwaukee County Board of Supervisors and the Friends of the Boerner Botanical Gardens. An appropriation of $500,000 was budgeted in 1999 for the planning of a new education and visitor center at Boerner Botanical Gardens. The 2000 Budget included $1,500,000 for site development. Since the Friends of Boerner Botanical Gardens supported these costs, no financial commitment was required from the County in 1999 or 2000.

The total cost for the center is $10,300,000. The following table identifies the proposed financing for the construction of the center:

Year	Phase	Cost	Friends Of Boerner Commitment	Net County Commitment
1999	Planning	$500,000	$500,000	$0
2000	Site development	$1,500,000	$1,500,000	$0
2001	Construction	$7,500,000	$4,500,000	$3,000,000
2002	Furnishings and Construction	$800,000	$710,000	$90,000
	Totals:	**$10,300,000**	**$7,210,000**	**$3,090,000**

WP001 – Boerner Botanical Gardens Visitor Center (contd.)

In addition, the Friends of Boerner intend to establish an endowment in the amount of $3,000,000 for educational programming and garden enhancements.

The proposed center will yield substantial benefits to the Boerner Gardens and to the County in general including:

- Improve visitor services to enhance the Boerner Botanical Gardens as a major regional tourist attraction

- Expand year-round educational offerings and special events

- Provide additional partnership opportunities for research and education

- Provide additional office and program space

- Enhance the long-term financial viability of the Gardens through the provision of the means to generate increased ancillary revenues (admissions, facility rentals, special events, gift shop, endowments/gifts, and Friends group activities)

Subsequent to the adoption of the 2002 Capital Improvements Budget, in May of 2002, on behalf of the Friends of Boerner, the County approved the sale of $7,265,000 Variable Rate Demand Revenue Bonds (Friends of the Boerner Botanical Gardens) Series 2002. These revenue bonds are payable only from payments made to the bond trustee by the Friends of Boerner and are secured by a letter of credit; the County has no obligation to pay any of the debt service on the bonds.

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.

DPW Staffing Plan
The Department of Public Works staff responsible for overall project management and design will be Ivars Zusevics. Project construction management responsibilities will be assigned to a managing engineer from the Department of Public Works – Architectural and Engineering Division, Construction Management Section at a later date. Specialized consultants may be used for some basic planning, design, and construction management as needed, as well as archeological surveys (soils, materials, environmental testing and assessment, etc.), construction surveys and specialized legal counsel through the Corporation Counsel (appraisals, title searches, etc.).

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WP008	Kohl Park Development		
Requesting Department or Agency		**Functional Group**	
Department of Parks, Recreation & Culture		Parks, Recreation & Culture	
Department Priority	**Person Completing Form**		
9	Paul D. Hathaway	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$560,000				$560,000
2002	$500,000				$500,000
2003	$4,178,560				$4,178,560
2004	$4,726,560				$4,726,560
2005	$4,320,000				$4,320,000
2006					
SUBSEQUENT					
TOTAL	$14,285,120				$14,285,120

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$410,000	$472,000	$2,402,272	$3,284,272
Construction & Implementation	$150,000		$11,882,848	$12,032,848
Right-of-Way Acquisition				
Equipment				
Other		$28,000		$28,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$472,000		$472,000
DPW Charges	$410,000		$2,020,344	$2,430,344
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$28,000	$155,100	$183,100
Buildings / Structures				
Land / Land Improvements	$150,000		$11,049,676	$11,199,676
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$560,000	$500,000	$13,225,120	$14,285,120

Cost Estimates Prepared By	DPW Review By
DPW	

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$500,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$500,000
Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$352,190
Total Expenditures to Date	$352,190
Encumbrances	$28,187
Available Balance	$179,623

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
Complete Final Plans & Specifications	Complete
Begin Construction	04/02
Complete Construction	12/02
Scheduled Project Closeout	2/03

WP008 – Kohl Park Development

An appropriation of $500,000 is budgeted for continued planning for the development of Kohl Park. This project is financed by general obligation bonds.

An appropriation of $50,000 was included in the 2000 operating budget for the Parks Department to develop a master plan for the site. Subsequent to the Request for Proposal (RFP) process, the Parks Department contracted with the Park Group, a consortium of firms led by Jennings and Associates, to prepare a master plan for Kohl Park. The project has been overseen by a steering committee comprised of a representative from the County Board of Supervisors, several representatives of the Parks Department, a representative from the County Executive's office and a member of the County Board staff. The master planning included several focus group sessions, many one-on-one interviews, a random telephone survey and two well-attended open house meetings.

The master plan, issued in May 2000, identifies several amenities to be included in the proposed park based on the recommendations of the steering committee. These amenities would include ten picnic areas, four picnic shelters, an observation deck, overlooks and nature trails, sand volleyball courts, sledding hill, three play structures, five full-size soccer fields and two softball fields. Another area in the park would be developed as a multi-purpose sport court which would have room for two basketball courts, in-line skating or in-line hockey and would be floodable for hockey. Actual structures proposed for construction would include a pavilion with a capacity of 200 people, an overnight lodge and environmental center, concession stand, restroom structure, three restrooms and a service area with a heated office building, pole buildings and yard area for storage.

A total appropriation of $560,000 was included in the 2001 Adopted Capital Improvements Budget for the continued planning of Kohl Park and the purchase of approximately 24 acres of privately-owned land. As part of the $560,000 appropriation, $150,000 was earmarked for the purchase of two parcels of land totaling approximately 24 additional acres adjacent to the existing 200 acres of land. In addition, the County received, at no cost, title to additional parcels of land adjacent to the park totaling approximately 41 acres. This includes land located west of North 76th Street, totaling approximately 20 acres, and land east of North 76th Street, totaling approximately 21 acres. This additional land will be added to the Kohl Park land, increasing this total park area to approximately 265 acres. This added area will be included in the planning and design phase for the park.

Based on the planning efforts completed during the schematic design phase and the master plan, the Parks Department has recommended a phased development plan for Kohl Park as follows:

Year	Activity	Cost
2001	Schematic design, planning, design and land purchase	$560,000
2002	Planning and design for site preparation, utilities, roadways, parking lot, picnic area and soccer area	$500,000
2003	Site preparation, utilities, roadways, parking lot, picnic area and soccer area, and planning and design for year four construction	$4,178,560
2004	Construction of softball fields, service yard area, walks, roadways, parking lot, and planning and design for year five construction	$4,726,560
2005	Prioritized remaining construction	$4,320,000
	Total	$14,285,120

The table on the following page provides a more detailed description of activities and costs over the next four years:

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP008 – Kohl Park Development (contd.)

Year	Proposed Improvements	Cost
2001	Preparation of schematic design for entire park, planning and design for site preparation, grading, utilities, roadways, parking lot stone base, and seeding and purchase of additional land	
	Total Year One	**$560,000**
2002	Planning and design for site preparation, utilities, roadways, parking lot in sledding hill/picnic area and soccer area	
	Total Year Two	**$500,000**
2003	Construction including site preparation, grading, utilities, roadways, parking lot in sledding hill/picnic area and soccer area and planning and design for year 2004 construction	
	Construction	$3,232,000
	Lift Station	$200,000
	Project Management	$51,480
	Owners Services	$34,320
	Construction Management	$137,280
	Disadvantaged Business Development	$51,480
	Planning & Design (for year four construction)	$472,000
	Total Year Two	**$4,178,560**
2004	Construction including site preparation, utilities, roadways, parking lot in softball fields area and service yard area and planning and design for year 2005 construction	
	Construction	$3,932,000
	Project Management	$58,980
	Owners Services	$39,320
	Construction Management	$157,280
	Disadvantaged Business Development	$58,980
	Planning and Design (for year five construction)	$480,000
	Total Year Three	**$4,726,560**
2005	Site preparation, utilities, walks, roadways, parking lots, picnic shelters, observation deck, environmental center and prioritized remaining construction	
	Construction	$4,000,000
	Project Management	$60,000
	Owners Services	$40,000
	Construction Management	$160,000
	Disadvantaged Business Development	$60,000
	Total Year Four	**$4,320,000**
	Grand Total	**14,285,120**

WP008 – Kohl Park Development (contd.)

The 2001 planning effort includes a complete schematic design for the entire park. Through this planning process, future cost estimates may be solidified. Construction phasing recommendations have been updated to build Kohl Park in the most cost-effective manner. Currently, the total cost of the project, as a conceptual plan, is estimated at $14,285,120.

Subsequent to the adoption of the 2002 Capital Improvements Budget, an appropriation transfer was approved by the County Board to remove the $500,000 appropriation from Kohl Park and reallocate it to a new Parks capital project, WP031 – Parks Capital Equipment. The cost of the capital equipment to be purchased is $3,603,177. The revenue to purchase this equipment is from either reducing or eliminating general obligation bonds budgeted in various capital projects. The County Board reduced 2002 appropriations to capital projects in the following manner: WP025 – Noyes Pool Planning reduce appropriation by $450,000 ($900,000 budgeted) and WP015 – Washington Park Redevelopment reduce by $400,000 ($1,418,000 budgeted). The County Board removed the entire appropriation budgeted in 2002 from the following capital projects: WP008 – Kohl Park Development ($500,000) and WP022 – Brown Deer and Dretzka Golf Course Air Conditioning ($375,983). Finally, the available balance of $1,832,194 for WP434 – Bender Park Golf Course (Planning) has been eliminated. The original budget was included in the 2001 Capital Improvements Budget. These reductions provide total bond financing of $3,558,177.

In addition, the County Board approved the use of $45,000 in unbudgeted revenue toward the purchase of the equipment. This revenue is the result of an easement granted by Milwaukee County to Irgens Development Partners, LLC., for County-owned property located adjacent to O'Donnell Park. Including this revenue, this brings the total amount budgeted for WP031 – Parks Capital Equipment to $3,603,177.

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.

DPW Staffing Plan
The Department of Public Works project manager will be David Gulgowski. Specialized consultants may be used for some components of basic planning, design, and construction management.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WP014	Brown Deer Golf Locker Room	

Requesting Department or Agency	Functional Group
Department of Parks, Recreation & Culture	Parks, Recreation & Culture

Department Priority	Person Completing Form	
15	Paul D. Hathaway	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR					
2001	$400,000			$100,000	$300,000
2002	$150,000				$150,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$550,000			$100,000	$450,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				
Construction & Implementation	$400,000	$150,000		$550,000
Right-of-Way Acquisition				
Equipment				
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges				
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures	$400,000	$150,000		$550,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$400,000	$150,000		$550,000

Cost Estimates Prepared By	DPW Review By
GMO	

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$150,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$150,000

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$17,122
Total Expenditures to Date	$17,122
Encumbrances	$0
Available Balance	$382,878

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
Complete Preliminary Plans	Complete
Complete Final Plans & Specifications	1/02
Begin Construction	2/02
Complete Construction	5/02
Scheduled Project Closeout	5/02

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP014 – Brown Deer Golf Locker Room

An appropriation of $150,000 is budgeted to construct a locker room at Brown Deer Golf Course. This project is financed by general obligation bonds.

Since 1994, Milwaukee County and the Brown Deer Park Golf Course have hosted the Greater Milwaukee Open (GMO). The Course was available for play in 1929 and the clubhouse was opened in 1931.

Currently, a temporary locker room is set up in the southwest corner of the first floor of the clubhouse. The GMO proposes to renovate the basement of the clubhouse to include a permanent locker room with showers and restrooms. This locker room would be used by the GMO participants during the golf tournament and by the general public during the rest of the golf season.

The total estimated cost of this project is $550,000 including an appropriation of $400,000 in the 2001 Adopted Capital Improvements Budget and $150,000 budgeted in 2002. The GMO contributed 25 percent or $100,000 of the 2001 appropriation.

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.

DPW Staffing Plan

Overall project management will be performed by the GMO. The Department of Public Works will have limited involvement in the project. Its representative on this project is Ivars Zusevics. Per an agreement to be developed between the GMO and the Parks Department, the GMO will plan, design and construct this project. The GMO will prepare all drawings and specifications for review and comment by DPW prior to the award of any construction contracts. The GMO will contract privately for this work and is responsible for obtaining all required State and local permits. In addition, the GMO will submit all invoices to DPW for review and processing for County reimbursement of costs incurred by the GMO related to this project.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WP015	Washington Park Redevelopment	

Requesting Department or Agency	Functional Group
Department of Parks, Recreation & Culture	Parks, Recreation & Culture

Department Priority	Person Completing Form	
10	Paul D. Hathaway	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$146,000				$146,000
2002	$1,418,000				$1,418,000
2003	$1,224,000				$1,224,000
2004	$2,040,000				$2,040,000
2005	$6,570,000				$6,570,000
2006	$1,662,000				$1,662,000
SUBSEQUENT	$4,380,000				$4,380,000
TOTAL	$17,440,000				$17,440,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$146,000	$200,000	$2,646,000	$2,992,000
Construction & Implementation		$1,200,000	$13,230,000	$14,430,000
Right-of-Way Acquisition				
Equipment				
Other		$18,000		$18,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$127,745	$122,000		$249,745
DPW Charges	$18,255	$78,000	$2,448,000	$2,544,255
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$18,000	$198,000	$216,000
Buildings / Structures		$65,000		$65,000
Land / Land Improvements		$1,135,000	$13,230,000	$14,365,000
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$146,000	$1,418,000	$15,876,000	$17,440,000

Cost Estimates Prepared By	DPW Review By
DPW/Consultant	

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$1,418,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$1,418,000
Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$14,289
Total Expenditures to Date	$14,289
Encumbrances	$95,736
Available Balance	$35,975

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	Complete
Complete Final Plans & Specifications	Complete
Begin Construction	04/02
Complete Construction	12/02
Scheduled Project Closeout	2/03

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP015 – Washington Park Redevelopment

An appropriation of $1,418,000 is budgeted for the redevelopment of Washington Park. This project is financed by $1,418,000 in general obligation bonds.

The 1999 Adopted Milwaukee County Budget for the Parks Department included a sum of $50,000 to develop a Revitalization Plan for Washington Park. Through the RFP process, Quorum Architects was hired in June of 1999 to lead the development. In addition, pursuant to the direction of the County Board, a steering committee comprised of local community group representatives and interested individuals assisted in providing feedback to the consultants. The 2001 Adopted Budget included $146,000 for the planning and design of Phase I improvements to Washington Park.

The proposed Revitalization Plan has been phased over a six-year period, as follows:

Planning – 2001		$146,000
Phase I – 2002 Path resurfacing, widened paths, new paths, picnic shelter, lagoon clean-up and lighting. Also included is a park drive crossing, tennis court removal, and $122,000 for planning and design for Phase II.		$1,418,000
Phase II Boathouse drive, community center renovations, signage, soccer/playfield improvements, and planning and design for Phase III		$1,224,000
Phase III Blatz drive, music temple improvements, music temple parking lot enlargement, and planning and design for Phase IV		$2,040,000
Phase IV New aquatic center, log cabin, play areas, picnic shelters, and planning and design for Phase V		$6,570,000
Phase V Park drive improvements and general landscape improvements, and planning and design for Phase VI		$1,662,000
Phase VI Community Center renovations		$4,380,000
	Total:	$17,440,000

WP015 – Washington Park Redevelopment (contd.)

Subsequent to the adoption of the 2002 Capital Improvements Budget, an appropriation transfer was approved by the County Board to remove $400,000 from the total appropriation for Washington Park and reallocate it to a new Parks capital project, WP031 – Parks Capital Equipment. The cost of the capital equipment to be purchased is $3,603,177. The revenue to purchase this equipment is from either reducing or eliminating general obligation bonds budgeted in various capital projects. The County Board reduced 2002 appropriations to capital projects in the following manner: WP025 – Noyes Pool Planning reduce appropriation by $450,000 ($900,000 budgeted) and WP015 – Washington Park Redevelopment reduce by $400,000 ($1,418,000 budgeted). The County Board removed the entire appropriation budgeted in 2002 from the following capital projects: WP008 – Kohl Park Development ($500,000) and WP022 – Brown Deer and Dretzka Golf Course Air Conditioning ($375,983). Finally, the available balance of $1,832,194 for WP434 – Bender Park Golf Course (Planning) has been eliminated. The original budget was included in the 2001 Capital Improvements Budget. These reductions provide total bond financing of $3,558,177.

In addition, the County Board approved the use of $45,000 in unbudgeted revenue toward the purchase of the equipment. This revenue is the result of an easement granted by Milwaukee County to Irgens Development Partners, LLC., for County-owned property located adjacent to O'Donnell Park. Including this revenue, this brings the total amount budgeted for WP031 – Parks Capital Equipment to $3,603,177.

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.

DPW Staffing Plan

Overall project management will be performed by DPW staff. The DPW Project Manager will be Dave Gulgowski. 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, archeological surveys, soils investigation, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WP016	Mitchell Domes Redevelopment - HVAC - Phase II - Planning (Show Dome)	

Requesting Department or Agency	Functional Group
Department of Parks, Recreation & Culture	Parks, Recreation & Culture

Department Priority	Person Completing Form	
7	Paul D. Hathaway	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$839,396				$839,396
2002	$150,000				$150,000
2003	$790,800				$790,800
2004	$1,014,000				$1,014,000
2005	$2,500,000				$2,500,000
2006	$2,500,000				$2,500,000
SUBSEQUENT					
TOTAL	$7,794,196				$7,794,196

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$159,485	$150,000	$1,563,640	$1,873,125
Construction & Implementation	$679,911		$5,229,400	$5,909,311
Right-of-Way Acquisition				
Equipment				
Other			$11,760	$11,760
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$110,000		$110,000
DPW Charges	$159,485	$20,000	$1,275,040	$1,454,525
Capitalized Interest				
Park Services		$20,000	$222,000	$242,000
Disadv. Business Serv.			$78,360	$78,360
Buildings / Structures	$679,911		$5,229,400	$5,909,311
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$839,396	$150,000	$6,804,800	$7,794,196

Cost Estimates Prepared By	DPW Review By
Consultant/DPW	Steve Dragosz

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$150,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$150,000

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$118,814
Total Expenditures to Date	$118,814
Encumbrances	$0
Available Balance	$720,582

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	Complete
Complete Final Plans & Specifications	05/02
Begin Construction	06/02
Complete Construction	06/03
Scheduled Project Closeout	07/03

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP016 – Mitchell Domes Redevelopment – HVAC – Phase II – Planning (Show Dome)

An appropriation of $150,000 is budgeted for planning for the second phase of replacement for the heating/ventilation air supply equipment and steam heating equipment within the Show Dome at Mitchell Domes. This project is financed by general obligation bonds.

The total cost of the equipment within the Show Dome is $940,800, which will be budgeted over 2002 to 2003 in order to maintain an appropriate level of cash flow. An appropriation of $790,800 will be included in the 2003 capital improvements budget to address the remaining cash needs of the project. As such, approval of this appropriation is considered a commitment to completing the financing of the project in 2003.

In October of 1999, a HVAC Study and Design Report for the Mitchell Park Domes was completed by PSJ Engineering, Inc. An appropriation of $250,000 was included in the 2000 Adopted Capital Improvements Budget for the Domes Mechanical Systems. In 2001, the Parks Department received $839,396 for Priority 1 and 2 HVAC work.

In 2002, $150,000 is budgeted for planning and $790,800 is projected for construction in 2003 for the following renovations:

- Demolition of the existing air supply units
- Purchase and installation of two 16,500 air supply units
- Demolition of fin tube and control valves
- Purchase and installation of fin tube valves
- Insulation of steam piping
- Demolition and installation of new apex and wall fan system
- New apex and wall exhaust system
- Purchase and installation of 10 ton chiller with accessories

This is the second part of the replacement of the heating/ventilation air supply equipment and steam heating equipment within the Show Dome. It includes the replacement of the existing R-12, 10-ton chiller system with a new compliant chiller. An appropriation of approximately $790,800 is projected for 2003 for the construction phase of the project.

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.

__DPW Staffing Plan__

Overall project management will be performed by DPW staff. The DPW Project Manager will be Steve Dragosz. 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, archeological surveys, soils investigation, material testing, environmental testing, construction surveying, construction inspection and construction management, etc., as required.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WP017	Countywide Trail and Hard Surface Renovation Program (formerly the Asphalt Replacement Project)		
Requesting Department or Agency: Department of Parks, Recreation & Culture		Functional Group: Parks, Recreation & Culture	
Department Priority: 4	Person Completing Form: Paul D. Hathaway		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$300,000				$300,000
2002	$1,000,000				$1,000,000
2003	$500,000				$500,000
2004	$500,000				$500,000
2005	$500,000				$500,000
2006	$500,000				$500,000
SUBSEQUENT	$1,500,000				$1,500,000
TOTAL	$4,800,000				$4,800,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$15,000	$126,000	$175,000	$316,000
Construction & Implementation	$285,000	$874,000	$3,325,000	$4,484,000
Right-of-Way Acquisition				
Equipment				
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$76,000		$76,000
DPW Charges				
Capitalized Interest				
Park Services	$15,000	$50,000	$175,000	$240,000
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements	$285,000	$874,000	$3,325,000	$4,484,000
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$300,000	$1,000,000	$3,500,000	$4,800,000

Cost Estimates Prepared By: DPW/Parks | DPW Review By:

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$1,000,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$1,000,000
Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$288,355
Total Expenditures to Date	$288,355
Encumbrances	$20,061
Available Balance	-$8,416

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	Complete
Complete Final Plans & Specifications	02/02
Begin Construction	05/02
Complete Construction	11/02
Scheduled Project Closeout	11/02

WP017 – Countywide Trail and Hard Surface Renovation Program (formerly Asphalt Replacement Project)

An appropriation of $1,000,000 is budgeted to replace the worst sections of asphalt walkways, paths, and bike trails. Repairs will be based on the priority order established in the condition assessment reports. This project is financed by general obligation bonds.

In 2000, the Parks Department performed a system-wide condition assessment of walkways and paths. The assessment and repair recommendations (including cost estimates) were presented to the Parks, Energy and Environment Committee. Similarly, the Department of Public Works has evaluated and prioritized parkway drives, parking lots, bike trail segments, and surface yards. Those assessments and cost estimates have also been submitted to the Parks, Energy and Environment Committee.

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.

DPW Staffing Plan
Overall project management will be performed by Steve Murphy (Parks Department - Landscape Services) and Karl Stave (Department of Public Works - Architecture and Engineering). DPW staff will prepare plans, bid contracts and manage construction for the large segments of path replacements. Shorter segments of path replacement will be managed by Parks.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WP022	Golf Course Clubhouse Air Conditioning		
Requesting Department or Agency: Department of Parks, Recreation and Culture		Functional Group: Parks, Recreation and Culture	
Department Priority	Person Completing Form: Clare O'Brien	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$377,673				$377,673
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$377,673				$377,673

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$71,046		$71,046
Construction & Implementation				
Right-of-Way Acquisition				
Equipment		$302,138		$302,138
Other		$4,489		$4,489
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges		$56,083		$56,083
Capitalized Interest				
Park Services		$14,963		$14,963
Disadv. Business Serv.		$4,489		$4,489
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings		$302,138		$302,138
Other Expenses				
Total Project Cost		$377,673		$377,673

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$377,673
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$377,673

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	N/A
Complete Preliminary Plans	4/02
Complete Final Plans & Specifications	5/02
Begin Construction	8/02
Complete Construction	12/02
Scheduled Project Closeout	12/02

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP022 – Golf Course Clubhouse Air Conditioning

An appropriation of $377,673 is budgeted for the purchase and installation of air conditioning systems at the Dretzka Golf Course and Brown Deer Golf Course Clubhouses. Financing for this project is provided by general obligation bonds.

An appropriation of $213,610 is budgeted for the purchase and installation of an air conditioning system at the Dretzka Golf Course Clubhouse. In addition, an appropriation of $164,063 is budgeted for the purchase and installation of an air conditioning system at the Brown Deer Golf Course Clubhouse.

Subsequent to the adoption of the 2002 Capital Improvements Budget, an appropriation transfer was approved by the County Board to remove the appropriation from this project and reallocate it to a new Parks capital project, WP031 – Parks Capital Equipment. The cost of the capital equipment to be purchased is $3,603,177. The revenue to purchase this equipment is from either reducing or eliminating general obligation bonds budgeted in various capital projects. The County Board reduced 2002 appropriations to capital projects in the following manner: WP025 – Noyes Pool Planning reduce appropriation by $450,000 ($900,000 budgeted) and WP015 – Washington Park Redevelopment reduce by $400,000 ($1,418,000 budgeted). The County Board removed the entire appropriation budgeted in 2002 from the following capital projects: WP008 – Kohl Park Development ($500,000) and WP022 – Brown Deer and Dretzka Golf Course Air Conditioning ($375,983). Finally, the available balance of $1,832,194 for WP434 – Bender Park Golf Course (Planning) has been eliminated. The original budget was included in the 2001 Capital Improvements Budget. These reductions provide total bond financing of $3,558,177.

In addition, the County Board approved the use of $45,000 in unbudgeted revenue toward the purchase of the equipment. This revenue is the result of an easement granted by Milwaukee County to Irgens Development Partners, LLC., for County-owned property located adjacent to O'Donnell Park. Including this revenue, this brings the total amount budgeted for WP031 – Parks Capital Equipment to $3,603,177.

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.

DPW Staffing Plan
The Department of Public Works staff will be responsible for overall project management. The DPW manager will be Karl Stave. Specialized consultants will be retained as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WP024	O'Donnell Park Maintenance	

Requesting Department or Agency	Functional Group
Department of Parks, Recreation & Culture	Parks, Recreation & Culture

Department Priority	Person Completing Form	
3	Paul D. Hathaway	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$287,500				$287,500
2003	$300,000				$300,000
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$587,500				$587,500

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$53,750	$60,000	$113,750
Construction & Implementation		$230,000	$240,000	$470,000
Right-of-Way Acquisition				
Equipment				
Other		$3,750		$3,750
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$27,600	$35,000	$62,600
DPW Charges		$13,650	$17,000	$30,650
Capitalized Interest				
Park Services		$12,500	$8,000	$20,500
Disadv. Business Serv.		$3,750		$3,750
Buildings / Structures		$230,000	$240,000	$470,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$287,500	$300,000	$587,500

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	$206,250
G.O. Bonds and Notes	$81,250
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$287,500

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	4/02
Complete Final Plans & Specifications	5/02
Begin Construction	6/02
Complete Construction	12/02
Scheduled Project Closeout	12/02

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP024 – O'Donnell Park Maintenance

An appropriation of $287,500 is budgeted for two O'Donnell Park maintenance projects. This appropriation is financed by $206,250 in revenue related to billboard leasing at the Zoological Gardens and $81,250 in general obligation bonds.

An appropriation of $81,250 is budgeted to address a leak above the ceiling of the women's promontory restroom, located underneath O'Donnell Park. The leak is caused by openings in the expansion joint used to seal the seams in the structure. Because the bathroom is located underneath the expansion joint, water is penetrating into the bathroom. Addressing the leak requires removal of the existing concrete walk, landscaping and purchase and installation of a new expansion joint followed by replacement of the concrete and restoration of the landscaping. The cost to implement this work element is $81,250. In addition, an appropriation of $206,250 is budgeted to sandblast and paint handrails and mullions in two O'Donnell Park stairwells.

Future improvements (detailed below) are anticipated for 2003 at an estimated cost of $300,000.

2002 -	Reconstruct source of leak in women's restroom (capitalized)		$81,250
	Sandblast and paint handrails and mullions in two stairwells (expensed)		<u>$206.250</u>
		Total:	$287,500
2003 -	Repair expansion joints (expensed)		$25,000
	On-going maintenance (expensed)		$50,000
	Miller Room carpet and separate dance floors (capitalized)		$25,000
	Repair/replace railings around plaza (capitalized)		<u>$200.000</u>
		Total:	$300,000

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.

<u>**DPW Staffing Plan**</u>

Department of Public Works staff will perform most primary planning and administration functions on these projects. Assigned DPW project managers will be Walter Wilson (Architectural Projects) and Karl Stave (Engineering Projects). 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, archeological surveys, soils investigation, material testing, environmental testing, construction surveying, construction inspection and construction management, etc., as required.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		
WP025	Noyes Pool Planning		4789-2002
Requesting Department or Agency: Department of Parks, Recreation & Culture		Functional Group: Parks, Recreation & Culture	
Department Priority: 12	Person Completing Form: Paul D. Hathaway	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$900,000				$900,000
2003	$9,700,000				$9,700,000
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$10,600,000				$10,600,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$900,000	$1,940,000	$2,840,000
Construction & Implementation			$7,760,000	$7,760,000
Right-of-Way Acquisition				
Equipment				
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$825,000		$825,000
DPW Charges		$75,000	$1,880,000	$1,955,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.			$116,400	$116,400
Buildings / Structures				
Land / Land Improvements			$7,703,600	$7,703,600
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$900,000	$9,700,000	$10,600,000

Cost Estimates Prepared By	DPW Review By

Budget Year Financing

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

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	3/02
Complete Final Plans & Specifications	6/02
Begin Construction	
Complete Construction	
Scheduled Project Closeout	

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP025 –Noyes Pool Planning

An appropriation of $900,000 is budgeted to provide final plans and specifications for a zero-depth family aquatic facility at Noyes Pool. This appropriation is financed by general obligation bonds.

The 1999 Adopted Capital Improvements Budget included an appropriation of $50,000 to update the 1995 pool study as well as survey the community's aquatic interests. Through this appropriation, a contract was awarded to Water Technology, Inc., to conduct a study and prepare a plan for the County's pools. As a result, the Department of Parks, Recreation and Culture issued <u>An Aquatic Master Plan</u> this past July with recommendations for each of the pools in the County's system.

The report includes a recommendation to construct a new regional waterpark at Noyes Park Pool, located on Good Hope Road, just west of 76th Street in Milwaukee. Noyes occupies nearly 81 acres of land with an existing golf course, driving range and indoor pool. Under the aquatic plan for Noyes, the indoor pool would remain along with the community programming and would be complemented by the outdoor waterpark.

According to the master plan, 67 percent of survey respondents indicated that they support the creation of a new aquatic facility. Furthermore, the master plan cites accessibility, current programming at the indoor pool and support from local residents as key components in making Noyes a successful waterpark.

It is proposed that construction of the pool would occur in 2003 at an estimated cost of $9,700,000.

<u>**Subsequent to the adoption of the 2002 Capital Improvements Budget, an appropriation transfer was approved by the County Board to remove $450,000 of the appropriation from this project and reallocate it to a new Parks capital project, WP031 – Parks Capital Equipment. The cost of the capital equipment to be purchased is $3,603,177. The revenue to purchase this equipment is from either reducing or eliminating general obligation bonds budgeted in various capital projects. The County Board reduced 2002 appropriations to capital projects in the following manner: WP025 – Noyes Pool Planning reduce appropriation by $450,000 ($900,000 budgeted) and WP015 – Washington Park Redevelopment reduce by $400,000 ($1,418,000 budgeted). The County Board removed the entire appropriation budgeted in 2002 from the following capital projects: WP008 – Kohl Park Development ($500,000) and WP022 – Brown Deer and Dretzka Golf Course Air Conditioning ($375,983). Finally, the available balance of $1,832,194 for WP434 – Bender Park Golf Course (Planning) has been eliminated. The original budget was included in the 2001 Capital Improvements Budget. These reductions provide total bond financing of $3,558,177.**</u>

<u>**In addition, the County Board approved the use of $45,000 in unbudgeted revenue toward the purchase of the equipment. This revenue is the result of an easement granted by Milwaukee County to Irgens Development Partners, LLC., for County-owned property located adjacent to O'Donnell Park. Including this revenue, this brings the total amount budgeted for WP031 – Parks Capital Equipment to $3,603,177.**</u>

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.

<u>**DPW Staffing Plan**</u>
Overall project management will be performed by the Department of Public Works staff. Consultants will be hired for planning and design. Project managers will be Walter Wilson (Architectural projects) and Karl Stave (Engineering projects).

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WP028	Pool Demolition		
Requesting Department or Agency: Department of Parks, Recreation and Culture		Functional Group: Parks, Recreation and Culture	
Department Priority	Person Completing Form: Clare O'Brien		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$300,000				$300,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$300,000				$300,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$57,960		$57,960
Construction & Implementation		$238,341		$238,341
Right-of-Way Acquisition				
Equipment				
Other		$3,699		$3,699
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges		$45,630		$45,630
Capitalized Interest				
Park Services		$12,330		$12,330
Disadv. Business Serv.		$3,699		$3,699
Buildings / Structures				
Land / Land Improvements		$238,341		$238,341
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$300,000		$300,000

Cost Estimates Prepared By	DPW Review By
Tom Pritzlaff	Greg High

Budget Year Financing

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

Project Useful Life (Years)	0

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	N/A
Complete Preliminary Plans	1/02
Complete Final Plans & Specifications	2/02
Begin Construction	3/02
Complete Construction	6/02
Scheduled Project Closeout	9/02

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP028 – Pool Demolition

An appropriation of $300,000 is budgeted to demolish the Madison Park pool. This appropriation is financed by sales tax revenue.

The 1999 Adopted Capital Improvements Budget included an appropriation of $50,000 to update the 1995 pool study as well as survey the community's aquatic interests. Through this appropriation, a contract was awarded to Water Technology, Inc., to conduct a study and prepare a plan for the County's pools. As a result, the Department of Parks, Recreation and Culture issued An Aquatic Master Plan in July 2001 with recommendations for each of the pools in the County's system. Citing declining pool attendance and insufficient revenue, the report identified seven pools (six outdoor pools and one indoor pool) for closure. One of the pools identified for closure was Madison Park.

Madison Park Pool: Madison Pool, built in 1968 with a capacity of 1,358, is located at 9800 W. Glendale Avenue in Wauwatosa. The highest season attendance over the last ten years was in 1995 when 20,734 swimmers attended the pool for an average daily attendance of 287. Attendance has declined dramatically since then with the lowest year in the decade being 2000 when attendance reached only 6,478 and average daily attendance was 90. The average cost per swimmer in 2000 was $8.52 and the pool was used at 7 percent capacity. In comparison, the average cost per swimmer of the last decade was $6.25 and the pool was used at 13 percent capacity. According to the report, the pool is grossly underutilized and the cost per swimmer is one of the highest in the system. The 2000 Pool Inspection Report compiled by the Department of Public Works rates the overall condition of the pool as fair with a grade of C-. The projected cost to put the pool back into acceptable operating condition is $123,000.

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.

DPW Staffing Plan

Overall project management will be performed by DPW staff. The DPW Project Manager will be Steve Keith. 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, archeological surveys, soils investigation, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WP029	Aquatic Plant Harvesting Equipment		
Requesting Department or Agency		**Functional Group**	
Department of Parks, Recreation & Culture		Parks, Recreation & Culture	
Department Priority	**Person Completing Form**		
16	Paul D. Hathaway	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$293,000		$146,500		$146,500
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$293,000		$146,500		$146,500

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				
Construction & Implementation				
Right-of-Way Acquisition				
Equipment		$293,000		$293,000
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges				
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings		$293,000		$293,000
Other Expenses				
Total Project Cost		$293,000		$293,000

Cost Estimates Prepared By	DPW Review By

Budget Year Financing

Federal, State and Local Aids	$146,500
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$146,500
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$293,000
Project Useful Life (Years)	10

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	Complete
Complete Final Plans & Specifications	1/02
Begin Construction	
Complete Construction	
Scheduled Project Closeout	6/02

WP029 - Aquatic Plant Harvesting Equipment

An appropriation of $293,000 is budgeted to purchase aquatic plant harvesting equipment for use at the McKinley Marina. This appropriation is financed by $146,500 in general obligation bonds and $146,500 in State revenue.

McKinley Marina has been experiencing a severe weed problem that is now spreading to other facilities and has grown to the point that it is unmanageable with existing manual and mechanical harvesting equipment. For this reason, the budgeted appropriation will be used to purchase the following equipment:

- Aquarius Systems EH 120 to expand capability of harvesting around fixed piers
- Harvester LH10-1000 to expand capability and efficiency in open water areas
- Transporter-Heavy Duty 1000 Series for offloading weeds and transporting them to a shore conveyor
- Trailer with hydraulic winch to haul transporter and harvester to work site
- Shore conveyor to offload weeds into dump truck
- Power Pack

The Parks Department has applied for a State of Wisconsin Recreational Boating Facilities grant to aid in the purchase of this equipment. This grant is administered by the Wisconsin Department of Natural Resources and supervised by the Wisconsin Waterways Commission. Grant funds are awarded on a 50 percent State and 50 percent local cost-share basis.

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.

DPW Staffing Plan

There is no Department of Public Works staffing plan. The Department of Parks, Recreation and Culture will be responsible for the purchase of equipment.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WP406	County-Wide Play Area Redevelopment		
Requesting Department or Agency		**Functional Group**	
Department of Parks, Recreation & Culture		Parks, Recreation & Culture	
Department Priority	**Person Completing Form**		
6	Paul D. Hathaway	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR	$2,942,125				$2,942,125
2001	$555,000			$5,000	$550,000
2002	$250,000				$250,000
2003	$250,000				$250,000
2004	$250,000				$250,000
2005	$250,000				$250,000
2006	$250,000				$250,000
SUBSEQUENT	$500,000				$500,000
TOTAL	$5,247,125			$5,000	$5,242,125

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$100,580	$10,000	$60,000	$170,580
Construction & Implementation	$1,085,450			$1,085,450
Right-of-Way Acquisition			$1,440,000	$1,440,000
Equipment	$2,311,095	$240,000		$2,551,095
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$12,350			$12,350
DPW Charges				
Capitalized Interest				
Park Services	$123,230	$10,000	$60,000	$193,230
Disadv. Business Serv.				
Buildings / Structures	$265,000			$265,000
Land / Land Improvements	$785,450			$785,450
Roadway Plng & Construction				
Equipment & Furnishings	$1,861,095	$240,000	$1,440,000	$3,541,095
Other Expenses	$450,000			$450,000
Total Project Cost	$3,497,125	$250,000	$1,500,000	$5,247,125

Cost Estimates Prepared By	DPW Review By

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$250,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$250,000
Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$1,994,100
2000 Expenditures	$767,351
2001 Expenditures	$874,848
Total Expenditures to Date	$3,636,299
Encumbrances	$36,353
Available Balance	-$175,527

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	2/02
Complete Final Plans & Specifications	3/02
Begin Construction	4/02
Complete Construction	10/02
Scheduled Project Closeout	12/02

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP406 – County-Wide Play Area Redevelopment

An appropriation of $250,000 is budgeted for the Countywide Play Area Redevelopment Program. This appropriation is financed by general obligation bonds.

The Parks Department will re-evaluate all of the playgrounds in the fall of 2001 and recommend those most in need of replacement within the budgeted appropriation. Through this appropriation, approximately four to five play areas can be replaced.

In September 1998, the Parks Department presented to the County Board its Playground Equipment Condition Assessment Report, which evaluated and prioritized needed playground equipment replacements based on existing condition, level of safety and ability to enhance the total recreation environment of the park. This report was formally adopted by the County Board, as well as a 1999 budget appropriation of $750,000 for the Parks Department to replace playground areas in the following 12 parks: Algonquin, Columbus, Cudahy, Greene, Holler, Kops, Lindsay, Madison, Sheridan, Wilson, Vogel and Zablocki. The 2000 Budget appropriation of $750,000 allowed the Parks Department to replace the following 11 playgrounds: Alcott, Hoyt, Chippewa, Doyne, KK Sports Center, Copernicus, Kern, Popuch, Grobschmidt Pool, Grant, and Washington. The 2001 budget appropriation of $555,000 allowed the Parks Department to replace the following 13 playgrounds: Doctors; Root River 1, 2, 3; Maitland; Back Bay; Oak Creek 1, 2, 3; Barnard; Noyes; Wil-O-Way Grant; and the Little Menomonee River Parkway (Park Manor).

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.

<u>DPW Staffing Plan</u>
Basic planning and design and construction management for this project will be performed by the Parks Department Facilities Planning Division staff.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WP411	Parks Infrastructure Improvements		
Requesting Department or Agency		**Functional Group**	
Department of Parks, Recreation & Culture		Parks, Recreation, & Culture	
Department Priority	**Person Completing Form**		
I	Paul D. Hathaway	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$28,357,577		$283,054		$28,074,523
2001	$2,174,500				$2,174,500
2002	$2,000,000				$2,000,000
2003	$1,500,000				$1,500,000
2004	$1,500,000				$1,500,000
2005	$1,500,000				$1,500,000
2006	$1,500,000				$1,500,000
SUBSEQUENT	$4,500,000				$4,500,000
TOTAL	$43,032,077		$283,054		$42,749,023

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$852,375	$270,070	$1,659,025	$2,781,470
Construction & Implementation	$5,478,545	$1,386,253	$8,840,975	$15,705,773
Right-of-Way Acquisition				
Equipment	$90,000	$33,529		$123,529
Other	$24,111,157	$310,148		$24,421,305
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$15,000			$15,000
Professional Services	$55,545			$55,545
DPW Charges	$994,396	$175,524	$1,007,918	$2,177,838
Capitalized Interest				
Park Services	$288,142	$94,546	$519,107	$901,795
Disadv. Business Serv.		$20,793	$132,000	$152,793
Buildings / Structures	$2,589,150	$595,809	$2,436,210	$5,621,169
Land / Land Improvements	$2,411,196	$790,444	$4,594,565	$7,796,205
Roadway Plng & Construction	$195,750			$195,750
Equipment & Furnishings	$140,000	$33,529	$168,000	$341,529
Other Expenses	$23,842,898	$289,355	$1,642,200	$25,774,453
Total Project Cost	$30,532,077	$2,000,000	$10,500,000	$43,032,077

Cost Estimates Prepared By	DPW Review By
DPW/Parks	

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	$300,000
Property Tax Revenue	
Miscellaneous Revenue	$350,000
G.O. Bonds and Notes	$1,350,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$2,000,000

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$24,559,850
2000 Expenditures	$2,395,471
2001 Expenditures	$2,240,513
Total Expenditures to Date	$29,195,834
Encumbrances	$538,190
Available Balance	$798,053

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	Various
Complete Final Plans & Specifications	Various
Begin Construction	Various
Complete Construction	Various
Scheduled Project Closeout	Various

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP411 – Parks Infrastructure Improvements

An appropriation of $2,000,000 is budgeted for Parks Department Infrastructure Improvements. This appropriation is financed by $1,350,000 in general obligation bonds, $350,000 in Potawatomi revenue and $300,000 in sales tax revenue.

The Parks Department has been pursuing an aggressive infrastructure preservation program during the past few years. A preventive, proactive review of physical plant conditions has been performed on 108 buildings used as pavilions, pool bathhouses, golf clubhouses, restaurants, and community centers. Condition assessments on 107 structures, including comfort and service buildings, have also been completed. In 1990, heating, ventilating, and air-conditioning system (HVAC) evaluations were conducted on all major park buildings. In 1991, a parks lighting system evaluation was conducted on all park paths, drives, and parking lots. In 1993, a study was prepared which outlined a program to update electric service at approximately 45 locations. In 1995, a strategic plan was prepared to identify specific park goals, objectives and guidelines for three years and a more general plan was prepared for the next five to 10 years. In 1998, a comprehensive system-wide evaluation of playground equipment was conducted. In 2001 a pool study was conducted and an HVAC study is currently being conducted on Parks senior citizen and community centers.

In addition, annual or biennial evaluations of roadways, parking lots, tennis courts, multiple-use recreational trails, and bridges are prepared by the Department of Public Works. The Parks Facilities Division also conducts annual planning workshops with each park region and division to better determine facility problems and needs.

In 2001, $2,174,500 was budgeted for 29 projects. The appropriation of $2,000,000 for 2002 will provide funding for 30 high priority infrastructure projects identified through the Parks Department's assessment process.

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.

DPW Staffing Plan

Department of Public Works staff will perform most primary planning and administration functions on these projects. However, some specialized sub-consultants will be hired for basic planning and design. The Parks Department will have signature authority on some projects and the work will be performed by Parks staff or by time and material contractors. Project Managers will be Walter Wilson (Architectural Projects) and Karl Stave (Engineering Projects).

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP411 Parks Infrastructure Improvements (contd.)

PARKS	SUB-PROJECT	BUDGETED PROJECTS	ESTIMATED COSTS
Various	WP41123	Electrical, lighting, and security systems - expensed	$50,000
Various	WP41124	Priority repairs - expensed	$100,000
Various	WP41126	Pool repairs - expensed	$25,000
Various	WP41127	Roof Repairs - expensed	$30,000
Various	WP41128	Catch basin reconstruction - expensed	$25,000
Greenfield Pool	WP41149	Ongoing maintenance - expensed	$25,000
Lake	WP41154	Sewer lateral replacement, south end of ravine bridge - capitalized	$14,000
Various	WP41168	Lagoon shoreline erosion - expensed	$40,250
Various	WP41172	HVAC replacement - expensed	$75,000
Various	WP41182	Potable water cross connections major parks (construction) - capitalized	$50,000
Various	WP41193	Play equipment repairs - expensed	$25,000
Various	WP41195	Diesel tanks @ $15,000 each, Washington, Madison, Humboldt - capitalized	$45,000
Various	WP41196	Baseball/softball magic mix - expensed	$15,000
Walker Square	WP41201	Wading pool deck and plumbing (1) - capitalized	$250,000
Cannon	WP41202	Porch, stairs, and ramp - capitalized	$56,250
Lake	WP41203	Service building roof replacement - capitalized	$125,000
Mitchell	WP41205	Purchase and installation of air conditioning system in pavilion - capitalized	$57,500
Lafollete	WP41206	Roof replacement - capitalized	$33,750
North Point	WP41207	Roof replacement - capitalized	$26,250
Dretzka	WP41210	Service yard pole building (1) - capitalized	$60,000
Noyes Golf	WP41211	Roof replacement - capitalized	$65,000
McGovern	WP41212	Abandon well demolition - expensed	$40,000
Humboldt	WP41215	Tennis court reconstruction (1) - capitalized	$90,000
Sheridan	WP41216	Basketball court reconstruction (1) - capitalized	$37,500
Sheridan	WP41217	Service yard reconstruction (1) - capitalized	$156,250
Boerner	WP41218	Potable water to Garden House and sevice yard - capitalized	$132,000
Wilson Recreation Center	WP41219	Melting pit - capitalized	$50,000
Wilson Recreation Center	WP41220	Light softball field #1 - capitalized	$112,500
Kelly Senior Center	WP41221	Roof replacements - capitalized	$168,750
Various	WP41222	GIS Development (computer equipment and licensing)- capitalized & expensed	$20,000
		Total:	**$2,000,000**

*Cost estimates include DPW, Park Planning and DBE fees.

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WP434	Bender Park Golf Course (Planning)		
Requesting Department or Agency		**Functional Group**	
Department of Parks, Recreation and Culture		Parks, Recreation and Culture	
Department Priority	**Person Completing Form**		
		November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$14,701,400	$200,000	$3,285,250		$11,216,150
2001	$1,875,000				$1,875,000
2002					
2003	$7,120,000				$7,120,000
2004	$8,198,531				$8,198,531
2005	$300,000				$300,000
2006	$5,700,000				$5,700,000
SUBSEQUENT					
TOTAL	$37,894,931	$200,000	$3,285,250		$34,409,681

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$4,574,000		$2,342,416	$6,916,416
Construction & Implementation	$12,005,922		$18,425,593	$30,431,515
Right-of-Way Acquisition				
Equipment			$550,000	$550,000
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$1,677,500			$1,677,500
Professional Services	$1,354,760			$1,354,760
DPW Charges	$1,140,257		$1,439,416	$2,579,673
Capitalized Interest				
Park Services	$401,483		$903,000	$1,304,483
Disadv. Business Serv.				
Buildings / Structures			$2,192,040	$2,192,040
Land / Land Improvements	$12,002,922		$14,292,040	$26,294,962
Roadway Plng & Construction			$1,940,044	$1,940,044
Equipment & Furnishings			$551,469	$551,469
Other Expenses				
Total Project Cost	$16,576,922		$21,318,009	$37,894,931

Cost Estimates Prepared By	DPW Review By

Budget Year Financing

Federal, State and Local Aids	
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	
Other Revenue	
Total Budget Year Financing	

Project Useful Life (Years)	50

Project Fiscal Status

Prior Years Expenditures	$13,529,638
2000 Expenditures	$778,244
2001 Expenditures	$234,897
Total Expenditures to Date	$14,542,779
Encumbrances	$93,936
Available Balance	$1,939,685

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	N/A
Complete Preliminary Plans	Complete
Complete Final Plans & Specifications	
Begin Construction	
Complete Construction	
Scheduled Project Closeout	

WP434 – Bender Park Golf Course (Planning)

The 2001 Capital Improvements Budget contained an appropriation of $1,875,000 for the planning phase of the Bender Park Golf Course which included the preparation and submittal of a Request for Proposals (RFP). Though no additional appropriation is needed in the 2002 Capital Improvements Budget, the RFP process and development of architectural plans for the golf course will proceed in 2002 and conform to the goals and objectives as stated in the 2001 Adopted Capital Improvements Budget.

These goals and objectives are as follows:

The Bender Park Golf Course Development Goals/Objectives

- Develop a golf facility that maximizes the proper use of the views, terrain, and vegetation of the site.
- Develop a golf facility that is playable and challenging for golfers of every level.
- Develop a golf facility that meets the funding requirements of the Land and Water Conservation Fund used to purchase the property.
- Develop a golf facility that assures public access.
- Develop a golf course with a reasonable fee structure within today's marketplace.
- Develop a golf course that can host events and outings capable of supporting publinks and collegiate golf events.
- Develop a golf facility that will generate a rate of return for this golf course investment and generate a long-term revenue stream for Milwaukee County.
- Develop a golf course that minimally impacts the sensitive environmental areas of the existing site.
- Develop a golf course as a stand-alone facility.
- Develop a golf course that does not compete with existing Milwaukee County owned facilities.
- Provide a golf course clubhouse that can serve the golf course functions, but also be marketable for events, meetings and gatherings.

This particular plan provides for an 18 hole, par 72 golf course ranging from a maximum yardage of 6,800 to 7,100 yards. The course would also have a practice range and putting green. Three to four sets of tees would be provided to give golfers the option to choose the length of golf course that fits their game and handicap level. In addition, the plan will minimize and avoid impacts to sensitive environmental areas of the site. Several holes on each nine would be on, or have greens or views of Lake Michigan, with the final design maximizing the golfer's exposure to Lake Michigan. The maintenance of this golf course would exceed the conditions at Brown Deer Golf Course. The golf course under this development scenario would be constructed, operated and maintained by the Milwaukee County Parks Department.

In addition to the initial golf course feasibility study, the 1999 Capital Improvements Budget provided $1.8 million for the land-related support activities of the Waterfront Park. In 1998, this project received $4,245,000 for water-related construction. Milwaukee County has opened the waterfront park portion of Bender Park. This opening represents the first time Bender Park will be open for year-round operation, providing access for boaters as well as strollers along this section of Lake Michigan.

As part of the overall plan for Bender Park, a regional park adjacent to the golf course has been proposed and is estimated to cost $5.7 million in 2005. This park would be programmed for traditional park facilities such as picnic areas, ball fields, play fields, play equipment, passive recreation areas, bike and walking trails.

Subsequent to the adoption of the 2002 Capital Improvements Budget, an appropriation transfer was approved by the County Board to remove the 2001 appropriation from this project and reallocate it to a new Parks capital project, WP031 – Parks Capital Equipment. The cost of the capital equipment to be purchased is $3,603,177. The revenue to purchase this equipment is from either reducing or eliminating general

WP434 – Bender Park Golf Course (Planning) (contd.)

obligation bonds budgeted in various capital projects. The County Board reduced 2002 appropriations to capital projects in the following manner: WP025 – Noyes Pool Planning reduce appropriation by $450,000 ($900,000 budgeted) and WP015 – Washington Park Redevelopment reduce by $400,000 ($1,418,000 budgeted). The County Board removed the entire appropriation budgeted in 2002 from the following capital projects: WP008 – Kohl Park Development ($500,000) and WP022 – Brown Deer and Dretzka Golf Course Air Conditioning ($375,983). Finally, the available balance of $1,832,194 for WP434 – Bender Park Golf Course (Planning) has been eliminated. The original budget was included in the 2001 Capital Improvements Budget. These reductions provide total bond financing of $3,558,177.

In addition, the County Board approved the use of $45,000 in unbudgeted revenue toward the purchase of the equipment. This revenue is the result of an easement granted by Milwaukee County to Irgens Development Partners, LLC., for County-owned property located adjacent to O'Donnell Park. Including this revenue, this brings the total amount budgeted for WP031 – Parks Capital Equipment to $3,603,177.

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.

DPW Staffing Plan
The Department of Public Works project manager will be Karl Stave. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WP447	South Shore Breakwater Shoreline Protection/Bike Trail (Planning)		
Requesting Department or Agency: Department of Parks, Recreation & Culture		Functional Group: Parks, Recreation & Culture	
Department Priority: 11	Person Completing Form: Paul D. Hathaway	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE: FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR	$73,000				$73,000
2001					
2002	$564,000				$564,000
2003	$3,666,000				$3,666,000
2004	$2,706,000				$2,706,000
2005					
2006					
SUBSEQUENT					
TOTAL	$7,009,000				$7,009,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$73,000	$564,000	$593,040	$1,230,040
Construction & Implementation			$5,778,960	$5,778,960
Right-of-Way Acquisition				
Equipment				
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$73,000			$73,000
DPW Charges		$564,000	$506,356	$1,070,356
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures			$86,684	$86,684
Land / Land Improvements			$5,778,960	$5,778,960
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$73,000	$564,000	$6,372,000	$7,009,000

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$564,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$564,000

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$73,000
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	$73,000
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	N/A
Complete Preliminary Plans	6/02
Complete Final Plans & Specifications	8/02
Begin Construction	
Complete Construction	
Scheduled Project Closeout	

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP447 – South Shore Breakwater Shoreline Protection/Bike Trail (Planning)

An appropriation of $564,000 is budgeted to plan and design the reconstruction of the breakwater, shoreline protection and bike trail reconstruction for South Shore Park. This appropriation is financed by general obligation bonds.

The U.S. Army Corp of Engineers prepared a study of the South Shore breakwater in 2001. Based on the findings and recommendations of that study and further evaluation by County staff of the existing shoreline, this project is being budgeted in 2002. Contract documents will be prepared for breakwater reconstruction in 2002. The contract documents for the shoreline protection and reconstruction of the bike trail from the South Shore Park play area to the connecting spur in Bay View Park will be completed in 2003, with construction of those elements in 2004.

Reconstruction elements will be implemented as follows:

2002 –	Planning and design for breakwater, shoreline protection, and bike trail, and contract documents for breakwater	$564,000
2003 –	Breakwater reconstruction and contract documents for shoreline protection and bike trail	$3,666,000
2004 –	Construction of shoreline protection and bike trail	$2,706,000

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.

<u>**DPW Staffing Plan**</u>
Overall project management will be performed by Department of Public Works staff. The DPW project manager during construction will be Karl Stave.

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2002 ADOPTED CAPITAL IMPROVEMENTS

SECTION 8
MCKINLEY MARINA

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WP513	McKinley Marina Redevelopment		
Requesting Department or Agency: Department of Parks, Recreation & Culture		Functional Group: Parks, Recreation & Culture	
Department Priority: 2	Person Completing Form: Paul D. Hathaway		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$7,985,000		$2,712,870	$10,000	$5,262,130
2001	$5,755,115				$5,755,115
2002	$3,676,250				$3,676,250
2003	$2,500,000				$2,500,000
2004	$6,352,590				$6,352,590
2005	$1,049,570				$1,049,570
2006	$7,343,075				$7,343,075
SUBSEQUENT	$8,841,825				$8,841,825
TOTAL	$43,503,425		$2,712,870	$10,000	$40,780,555

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$2,758,875	$1,542,775	$8,651,500	$12,953,150
Construction & Implementation	$10,981,240	$2,065,000	$17,435,560	$30,481,800
Right-of-Way Acquisition				
Equipment				
Other		$68,475		$68,475
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$1,017,800		$1,017,800
DPW Charges	$2,692,875	$296,725	$5,019,500	$8,009,100
Capitalized Interest				
Park Services	$66,000	$228,250	$871,000	$1,165,250
Disadv. Business Serv.		$68,475	$261,000	$329,475
Buildings / Structures				
Land / Land Improvements	$10,981,240	$2,065,000	$19,935,560	$32,981,800
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$13,740,115	$3,676,250	$26,087,060	$43,503,425

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$3,676,250
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$3,676,250

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$7,537,587
2000 Expenditures	$146,531
2001 Expenditures	$3,014,239
Total Expenditures to Date	$10,698,357
Encumbrances	$2,140,524
Available Balance	$901,234

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	Complete
Complete Final Plans & Specifications	5/02
Begin Construction	9/02
Complete Construction	4/03
Scheduled Project Closeout	5/03

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP513 – McKinley Marina Redevelopment

An appropriation of $3,676,250 is budgeted for the redevelopment of the McKinley Marina, which includes dockage replacement, remodeling of the South Section slip tenant restrooms and planning and design for the third year scope of work. This appropriation is financed by general obligation bonds.

The total cost of this phase of the project is $6,176,250, which will be budgeted over 2002 to 2003 in order to maintain an appropriate level of cash flow. The construction is anticipated to overlap into the winter and spring of 2003. Therefore, the actual payment for the remaining $2,500,000 of the construction costs is not anticipated to occur until the work is completed in 2003. A contract for the entire project budget will be executed in 2002 so that work can proceed. An appropriation of $2,500,000 will be included in the 2003 capital improvements budget to address the remaining cash needs of the project. As such, approval of this appropriation is considered a commitment to completing the financing of the project in 2003.

In 1994, the County selected W. F. Baird and Associates and a team of sub-consultants to perform professional services at McKinley Marina. The original scope of work included in the County's Request for Proposal consisted of the following primary tasks:

- Planning and design of new breakwaters to reduce the wave agitation levels within the marina basin;
- Planning and design of a new dockage system to replace the aging dockage system in the North Section of the marina (Docks A through D);
- Preparation of a long-range plan for the future improvements and development of the remainder of the marina;
- Performance of a market study and financial feasibility analysis of the proposed improvements.

The market study and feasibility analysis entitled, "Final Report, Breakwater and Economic Analysis, McKinley Harbor and Marina, Milwaukee, Wisconsin," dated November 23, 1994 was performed. Construction of a new entrance breakwater, a new interior breakwater, and a new fuel pier was completed in August of 1996.

Having completed three of the primary tasks included in the original Request for Proposal, Baird and its associate team members were authorized in the fall of 1998 to proceed with the preparation of a plan for the future phased development of the marina and surrounding parkland. "The Plan for the Phased Development of McKinley Marina, McKinley Park and Veterans Park" is now complete.

As work progressed on the design of the new breakwaters, funding for additional work tasks was approved. Docks A through D, located in the North Section of the marina basin, were in the most need of replacement and Baird was authorized to proceed with the design. Replacement of the original 157 fixed boat slips with 157 new floating slips was completed in the spring of 1998.

Docks E through K, located in the Center Section of the marina, have deteriorated to such an extent that it was recommended to proceed with the planning and design of their replacement. The County Board has authorized funding to proceed with this phase. This work will be completed by spring 2002.

The Plan is the result of an intensive public outreach program, whereby boater and park visitor alike have had an opportunity to express their needs and desires for the marina and the two parks. Private interviews with a broad cross-section of stakeholders were conducted.

WP513 – McKinley Marina Redevelopment (contd.)

The proposed scope of work and fiscal commitment related to the plan are as follows:

2001 -	Remove former Coast Guard Station, replace Docks E through K with floating docks and expand the Center Section slip tenant restrooms and make structured repairs to the Brady Street Bridge	\$5,755,115
2002 -	Replace Docks L through P with floating docks and remodel the South Section slip tenant restrooms. Also, planning and design to finish third year scope of work.	\$3,676,250
3rd Year -	Complete the replacement of Docks L through P with floating docks, remodel the South Section slip tenant restrooms and planning and design for fourth year.	\$2,500,000
4th Year -	Reorganize the North Section of the Marina including parking lots and boat storage facility; replace the sheet pile bulkhead and North Section restroom facility, and close the boat well opening at the former Coast Guard Station.	\$6,352,590
5th Year -	Remodel the South Section public restrooms and replace the open-air shelter, construct an open-air shelter at the former Coast Guard Station site.	\$1,049,570
6th Year -	Construct the McKinley Center.	\$7,343,075
7th Year -	Rehabilitate the Center Section parking lot, rehabilitate the South Section parking lot, expand and remodel the Roundhouse, expand docks A through D, and reconstruct Lagoon Drive.	\$3,861,490
8th Year -	Replace the Promenade along the harbor's edge of Veterans Park, add new utilities for special events, and add wayfinding signage.	\$4,980,335

Other improvements such as Lake Park East, the flushing tunnel walls, the Milwaukee Community Sailing Center, the Brady Street Bridge, and an ice fountain may require private sector participation or legal resolution.

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.

DPW Staffing Plan

Overall project management will be performed by DPW staff. The DPW Project Manager will be Karl Stave. 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, archeological surveys, soils investigation, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

2002 ADOPTED CAPITAL IMPROVEMENTS

SECTION 9
ZOO

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WZ003	Animal Hospital		
Requesting Department or Agency		Functional Group	
Zoological Department		Parks	
Department Priority	Person Completing Form		
1	Sue Rand		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$500,000				$500,000
2002	$2,000,000				$2,000,000
2003	$3,374,000				$3,374,000
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$5,874,000				$5,874,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$495,000	$220,833	$205,400	$921,233
Construction & Implementation		$1,745,834	$3,168,600	$4,914,434
Right-of-Way Acquisition				
Equipment				
Other	$5,000	$33,333		$38,333
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$300,000	$80,833	$60,400	$441,233
DPW Charges	$195,000	$140,000	$145,000	$480,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.	$5,000	$33,333		$38,333
Buildings / Structures		$1,745,834	$3,168,600	$4,914,434
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$500,000	$2,000,000	$3,374,000	$5,874,000

Cost Estimates Prepared By	DPW Review By
N.A.	Tom Van Dalen

Budget Year Financing

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

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$234,619
Total Expenditures to Date	$234,619
Encumbrances	$272,094
Available Balance	-$6,713

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	N/A
Complete Preliminary Plans	3/2001
Complete Final Plans & Specifications	12/2001
Begin Construction	1/2002
Complete Construction	8/2003
Scheduled Project Closeout	12/2003

WZ003 - Animal Hospital

An appropriation of $2,000,000 is budgeted to begin construction of an animal hospital. Financing will be provided by general obligation bonds. The current Zoo hospital facility was built approximately 30 years ago as an animal holding and examination area for visiting veterinarians. Today it serves as the base for all Zoo veterinary operations conducted by two full-time veterinarians and the veterinary support staff. These operations include provision of a complete preventive medicine program, quarantine, clinical diagnosis and treatment, necropsy, surgery, and research. The facility is inadequate and does not meet American Association of Animal Hospital minimum standards or the American Association of Zoo Veterinarians hospital standards. The American Zoo and Aquarium Association re-accreditation team highlighted the inadequacy of the facility in its latest report.

An appropriation of $500,000 was budgeted in 2001 to finance final design and completion of architectural plans, drawings and specifications. Design and development drawings are expected to be complete by the end of September 2001. Completed construction documents and project bid were approved in February 2002.

The total cost of construction for the project is $5,374,000, which will be budgeted over 2002 to 2003 in order to maintain an appropriate level of cash flow. The construction is anticipated to overlap into the winter and spring of 2003. Therefore, the actual payment for the remaining $3,374,000 of the construction costs is not anticipated to occur until the work is completed in 2003. A contract for the entire project budget will be executed in 2002 so that work can proceed. An appropriation of $3,374,000 will be included in the 2003 capital improvements budget to address the remaining cash needs of the project. As such, approval of this appropriation is considered a commitment to completing the financing of the project in 2003.

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.

<u>**DPW Staffing Plan**</u>
The Department of Public Works project manager will be Walter Wilson. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WZ585	Zoo Infrastructure Improvements		
Requesting Department or Agency: Zoological Department		Functional Group: Parks	
Department Priority: 2	Person Completing Form: Sue Rand		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$6,105,526				$6,105,526
2001	$1,310,370				$1,310,370
2002	$1,611,120		$100,000		$1,511,120
2003	$1,500,000				$1,500,000
2004	$1,500,000				$1,500,000
2005	$1,500,000				$1,500,000
2006	$1,500,000				$1,500,000
SUBSEQUENT	$1,500,000				$1,500,000
TOTAL	$16,527,016		$100,000		$16,427,016

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$480,680	$139,645	$1,250,000	$1,870,325
Construction & Implementation	$2,403,402		$6,250,000	$8,653,402
Right-of-Way Acquisition				
Equipment				
Other	$4,531,814	$1,471,475		$6,003,289

PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				
Professional Services	$233,588	$85,662	$750,000	$1,069,250
DPW Charges	$112,425	$53,983	$500,000	$666,408
Capitalized Interest				
Park Services				
Disadv. Business Serv.	$12,425	$12,459		$24,884
Buildings / Structures	$485,000			$485,000
Land / Land Improvements	$149,957			$149,957
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses	$6,422,501	$1,459,016	$6,250,000	$14,131,517
Total Project Cost	$7,415,896	$1,611,120	$7,500,000	$16,527,016

Cost Estimates Prepared By: Thomas Pritzlaff

DPW Review By: Walter Wilson

Budget Year Financing

Federal, State and Local Aids	$100,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$1,511,120
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$1,611,120

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$4,304,341
2000 Expenditures	$886,399
2001 Expenditures	$1,926,158
Total Expenditures to Date	$7,116,898
Encumbrances	$114,209
Available Balance	$184,789

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	N/A
Complete Preliminary Plans	VARIOUS
Complete Final Plans & Specifications	VARIOUS
Begin Construction	VARIOUS
Complete Construction	VARIOUS
Scheduled Project Closeout	VARIOUS

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WZ585 - Zoo Infrastructure Improvements

An appropriation of $1,611,120 is budgeted for various major maintenance projects at the Zoo. Financing for all of the infrastructure projects will be provided by $1,511,120 in general obligation bonds and a grant of $100,000 from the Wisconsin Department of Natural Resources.

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 1.3 million people 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. The Zoo received $1.5 million in 2000 and $1,384,082 in 2001 for infrastructure improvements. Infrastructure improvements for 2002 total $1,611,120 and include the following work elements:

Sub Project	Project Description	Appropriation
03	Restrooms-Overhaul/Renovate	$350,000
05	Zoo Wide Asphalting	$100,000
20	Zoo Dumpsters – Containment Pad	$200,000
24	Small Mammal Building Roof Replacement	$124,800
25	Aquatic Reptile Center Roof Replacement	$204,000
26	Zoofari Renovation	$47,000
27	Heritage Farm Renovation	$65,420
28	Pachyderm Area Renovation	$79,300
29	Zoowide Wall/Mural Renovation	$48,000
30	Pachyderm - West HVAC Upgrade	$190,000
31	Bear Shade/Climbing Structures	$57,600
32	Site Utility Upgrade/Replacement in Lakeview Area	$73,000
33	Purchase and Installation of New Marquee (Small)	$72,000
	TOTAL	**$1,611,120**

03 Public Restroom Renovation & Expansion – Lakeview Area ($350,000) – This appropriation will replace fixtures, address privacy concerns, increase the size of the restrooms to accommodate American with Disabilities Act concerns, and improve ventilation. The restrooms have not been renovated since the facilities were constructed. The restrooms receive the highest number of complaints from Zoo visitors. The Zoo received $252,000 in 2000 and $240,000 in 2001 for the restrooms at the main entrance area, and with the appropriation in 2002 the public restrooms on the west side of the Zoo will be renovated.

05 Zoo-Wide Asphalt Replacement ($100,000) – This $100,000 project is part of a plan to bring the Zoo pavement up to standard. The Zoo-wide asphalt replacement project is a continuation of a seven-year annual maintenance plan to recondition the most urgent areas of the Zoo. Some areas of asphalt had not been reconditioned in about 20 years. In some cases the asphalt was deteriorated to the point of being hazardous. Approximately $100,000 has been budgeted annually since 1996. Zoo-wide asphalt replacement is expected to continue in future years due to water main breaks and winter wear and tear. In 2002, approximately 60,000 square feet of asphalt will be replaced in the Heritage Farm goat yard, Lakeview Place, Monkey Island and Woodland Concession area.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WZ585 - Zoo Infrastructure Improvements (cont'd)

20 **Zoo Dumpsters – Containment Pad ($200,000)** – The project area is located in the south yard maintenance area of the Zoo. Currently, there are dumpsters in this area that are placed directly on the earthen ground and are not always covered. Nonpoint source pollution from this area, consisting of yard waste, petroleum products, and rainwater, discharges into the storm sewer. To keep the pollution in a contained area, the Zoo intends to construct a containment pad and pole building around the dumpsters. In addition, to keep nonpoint source pollution out of the storm sewers, Milwaukee County intends to connect and discharge to a sanitary sewer system that is currently on site. Grant funding of $100,000 is expected from the Wisconsin Department of Natural Resources.

24 **Small Mammal Building Roof Replacement ($124,800)** – The Small Mammal Building roof has not been replaced since it was originally constructed. This project will eliminate the recurring problem of the current roof leaking.

25 **Aquatic Reptile Center Roof Replacement ($204,000)** – The Aquatic Reptile Center roof has not been replaced since it was originally constructed. This project will eliminate the recurring problem of the current roof leaking.

26 **Zoofari Renovation ($47,000)** – This project includes the replacement of six overhead doors located on the east side of the Zoofari Conference Center. The size of the doors are approximately ten feet by twelve feet at a total replacement cost of $12,000. The current doors are falling apart, with large rust holes and failing support beams. The existing windows and canopy also require replacement. The windows will be replaced with the installation of glass block, at an estimated cost of $15,000. A new canvas canopy will be installed at a cost of $20,000.

27 **Heritage Farm Renovation ($65,420)** – The barns and surrounding fencing are in need of repair and in some areas replacement is necessary. The horse barn requires replacement of interior plywood siding ($4,000), roof ($16,920), fencing ($31,500), and five Dutch doors ($9,000), as well as painting of the entire barn ($4,000).

28 **Pachyderm Area Renovation ($79,300)** – Within the Pachyderm area, upgrading and renovating is necessary for a giraffe chute, a black rhinoceros shift stall, and a Bactrian camel retaining wall. The chute would include a manually moveable wall and access panels to allow work on a restrained giraffe. The continued successful breeding of the endangered black rhinoceros at the Zoo and the acquisition of a new female for breeding purposes, requires modifications of existing facilities to safely shift and maintain the animals. A new shift stall and modifications of existing stalls will be completed with this budget. The deteriorating retaining wall in the outdoor Bactrian camel exhibit will also be replaced, with a shotcrete retaining wall about 125 feet long by three feet high to match existing rockwork in the exhibit.

29 **Zoowide Wall/Mural Renovation ($48,000)** – Repair and replacement of the underlying walls and their mural coverings is necessary in various buildings throughout the Zoo. This project would include the waterproofing of the walls, painting, and covering the walls with a protective coating.

30 **Pachyderm – West HVAC Upgrade ($190,000)** – The original air handling system of the west pachyderm yard has deteriorated and replacement parts are difficult to obtain. As a result, the area is very offensive to the public, particularly under certain conditions. Therefore, the necessary replacement will be made with this appropriation.

31 **Bear Shade/Climbing Structures ($57,600)** – Bear shade/climbing structures will be constructed and installed in four outdoor bear exhibits (American Black, Grizzly, Himalayan Black, and Brown Bears). Each structure will consist of six steel vertical log stands anchored in concrete to securely hold six vertical logs of about 12 inches in diameter to serve as posts for the structure. From these posts, a framework of three overlapping horizontal platforms consisting of eight inch diameter logs, will be attached. Each platform will be

MILWAUKEE COUNTY ZOO
Infrastructure Facts

Facility	Square Footage	Year Acquired/ Renovated
Hospital	10,920	1965
Service Building	21,289	1965
Lion House	18,000	1965
Pachyderm Building	18,480	1966
Zoofari Center	33,000	1988/1996
Peck Welcome Center	13,500	1989
Great Ape Building	40,000	1992
Primate House	23,925	1993
Aquarium/Reptile Building	40,000	1995

(Add 10% each to area for hallways, work areas, and boiler rooms)

Parking Lots		Parking Spaces
Parking Lot #1		700
Parking Lot #2		450
Parking Lot #3		1,200
Parking Lot #4		715
Overflow Lot (grass lot)		500
WEPCO Lot		1,000
	Total	4,565

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WZ596	Zoo Bliffert Property Remediation		
Requesting Department or Agency: Zoological Department		Functional Group: Parks	
Department Priority: 3	Person Completing Form: Sue Rand		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$4,283,678		$520,000	$51,000	$3,712,678
2001	$40,000		$16,000		$24,000
2002	$25,000		$10,000		$15,000
2003	$25,000		$10,000		$15,000
2004	$25,000		$10,000		$15,000
2005	$25,000		$10,000		$15,000
2006	$25,000		$10,000		$15,000
SUBSEQUENT	$25,000		$10,000		$15,000
TOTAL	$4,473,678		$596,000	$51,000	$3,826,678

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$528,037	$19,000		$547,037
Construction & Implementation	$3,795,638	$6,000	$125,000	$3,926,638
Right-of-Way Acquisition				
Equipment				
Other		$0		$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$284,050			$284,050
Professional Services	$113,450	$15,000		$128,450
DPW Charges	$97,000	$4,000		$101,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements	$2,812,571	$6,000		$2,818,571
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses	$1,016,604	$0	$125,000	$1,141,604
Total Project Cost	$4,323,675	$25,000	$125,000	$4,473,675

Cost Estimates Prepared By	DPW Review By
Gary Mick	Gary Mick

Budget Year Financing

Federal, State and Local Aids	$10,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	$15,000
G.O. Bonds and Notes	
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$25,000

Project Useful Life (Years)	50

Project Fiscal Status

Prior Years Expenditures	$4,180,561
2000 Expenditures	$21,418
2001 Expenditures	$26,684
Total Expenditures to Date	$4,228,663
Encumbrances	$40,417
Available Balance	$54,598

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	3/97
Complete Preliminary Plans	4/99
Complete Final Plans & Specifications	5/99
Begin Construction	7/99
Complete Construction	6/00
Scheduled Project Closeout	1/08

WZ596 - Zoo Bliffert Property Remediation

An appropriation of $25,000 is budgeted for monitoring of the mitigation system on the Bliffert Property. Financing will be provided by $10,000 of Wisconsin Department of Natural Resources revenue and $15,000 from revenue related to billboard leasing at the Zoological Gardens.

The former Bliffert Lumber Company property is located on the southeast corner of Highway 100 and Bluemound Road. This 8.23-acre parcel of land was purchased by Milwaukee County in 1990 but continued to be occupied under lease by the Bliffert Lumber Company until September 1, 1992. Thereafter, physical possession of the property was secured by the Milwaukee County Zoo.

Four major environmental issues were addressed during 1993-98:

1. Removal of six – 23,000 gallon above-ground storage tanks and one – 1,000 gallon underground storage tank.
2. Abandonment of a septic system.
3. Abandonment of a water supply well.
4. Remediation of soil and groundwater contamination which affected approximately 20,000 cubic yards of soil. Remediation activities consist of a groundwater treatment system and dual vapor extraction system to treat both contaminated soil and groundwater simultaneously.

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.

DPW Staffing Plan

The Department of Public Works project manager will be Ernest Johnson and will have primary responsibility for project management, owner services, and construction management services for the remediation of the petroleum contaminated soil and groundwater for the project. Consultants are under contract to provide technical oversight and operation and maintenance.

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2002 ADOPTED CAPITAL IMPROVEMENTS

SECTION 10
DHS - BEHAVIORAL HEALTH DIVISION

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WE001	CATC Roof Replacement "E" Building		
Requesting Department or Agency: Behavioral Health Division		Functional Group: Health and Human Services	
Department Priority: 6	Person Completing Form: Dennis Amaturo		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$121,476				$121,476
2001					
2002	$174,860				$174,860
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$296,336				$296,336

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$25,900		$25,900
Construction & Implementation		$140,000		$140,000
Right-of-Way Acquisition				
Equipment				
Other		$8,960		$8,960
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges		$25,900		$25,900
Capitalized Interest		$6,860		$6,860
Park Services				
Disadv. Business Serv.		$2,100		$2,100
Buildings / Structures		$140,000		$140,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$174,860		$174,860

Cost Estimates Prepared By	DPW Review By
Tom Pritzlaff	Walter L. Wilson

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$171,430
Airport Reserve	
Investment Earnings	$3,430
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$174,860

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	$121,476
2001 Expenditures	
Total Expenditures to Date	$121,476
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	3/15/02
Complete Preliminary Plans	4/5/02
Complete Final Plans & Specifications	4/26/02
Begin Construction	6/3/02
Complete Construction	7/15/02
Scheduled Project Closeout	7/26/02

WE001 - CATC Roof Replacement "E" Building

An appropriation of $174,860 is budgeted in 2002 including $6,860 in capitalized interest charges, to replace the roof on the Child and Adolescent Treatment Center (CATC) E Building. Financing will be provided from $171,430 in general obligation bonds and $3,430 in investment earnings.

The CATC roof at "E" building is approximately 28 years old. Repairs have been made over the years; however, replacement of the entire roof is recommended at this time. Replacement of the roof would add value and longevity to the building. In 2000, an appropriation of $217,000 was approved to replace the roof on the "D" building. Future appropriations will be requested to address the roofs for buildings "A" and "C".

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.

DPW Staffing Plan

The Department of Public Works project manager will be Walter Wilson. Specialized consultants will be retained as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WE016	Replace Day Hospital Fire Alarm System		
Requesting Department or Agency: Behavioral Health Division		Functional Group: Health and Human Services	
Department Priority: 1	Person Completing Form: Dennis Amaturo	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$437,150				$437,150
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$437,150				$437,150

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$64,750		$64,750
Construction & Implementation		$350,000		$350,000
Right-of-Way Acquisition				
Equipment				
Other		$22,400		$22,400
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$42,000		$42,000
DPW Charges		$22,750		$22,750
Capitalized Interest		$17,150		$17,150
Park Services				
Disadv. Business Serv.		$5,250		$5,250
Buildings / Structures		$350,000		$350,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$437,150		$437,150

Cost Estimates Prepared By: Tom Pritzlaff

DPW Review By: Steve Dragosz

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$428,575
Airport Reserve	
Investment Earnings	$8,575
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$437,150
Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	N/A
Complete Preliminary Plans	2/02
Complete Final Plans & Specifications	3/02
Begin Construction	4/02
Complete Construction	12/02
Scheduled Project Closeout	1/03

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WE016 - Replace Day Hospital Fire Alarm System

An appropriation of $437,150 is budgeted in 2002, including $17,150 in capitalized interest charges, to replace the fire alarm system in the Day Hospital. Financing will be provided from $428,575 in general obligation bonds and $8,575 in investment earnings.

The current Day Hospital fire alarm system is approximately thirty-two years old. The Department of Public Works (DPW) has informed the department that repair parts are extremely difficult to locate. DPW has also stated that circuit board parts are not available. The occupancy permit for the building requires a fire alarm system.

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.

DPW Staffing Plan

The Department of Public Works project manager will be Steve Dragosz. The DPW project manager will be Steve Dragosz. Specialized consultants will be retained as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WE020	Psychiatric Hospital Elevator Lobbies		
Requesting Department or Agency: Behavioral Health Division		Functional Group: Health and Human Services	
Department Priority: 2	Person Completing Form: Dennis Amaturo		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$56,200				$56,200
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$56,200				$56,200

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$8,325		$8,325
Construction & Implementation		$45,000		$45,000
Right-of-Way Acquisition				
Equipment				
Other		$2,875		$2,875

PROJECT EXPENDITURES	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Consultant Fees				
Professional Services				
DPW Charges		$8,325		$8,325
Capitalized Interest		$2,200		$2,200
Park Services				
Disadv. Business Serv.		$675		$675
Buildings / Structures		$45,000		$45,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$56,200		$56,200

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$55,100
Airport Reserve	
Investment Earnings	$1,100
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$56,200

Cost Estimates Prepared By: Tom Pritzlaff	DPW Review By: Walter L. Wilson

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	N/A
Complete Preliminary Plans	3/02
Complete Final Plans & Specifications	4/02
Begin Construction	6/02
Complete Construction	8/02
Scheduled Project Closeout	10/02

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WE020 - Psychiatric Hospital Elevator Lobbies

An appropriation of $56,200 is budgeted in 2002, including $2,200 in capitalized interest charges, to create smoke barriers near the elevator lobbies of the Psychiatric Hospital. Financing will be provided from $55,100 in general obligation bonds and $1,100 in investment earnings.

The State Engineer has instructed the Behavioral Health Division to construct walls with double 44-inch doors. The doors will provide elevator lobby enclosures at levels two and three in building two of the Psychiatric Hospital. This construction is to include magnetic door open capacity with automatic release interlaced with the building fire alarm system.

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.

DPW Staffing Plan

The Department of Public Works project manager will be Walter Wilson. Specialized consultants will be retained as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WE021	Psychiatric Hospital Outlet Installation		
Requesting Department or Agency: Behavioral Health Division		Functional Group: Health and Human Services	
Department Priority: 3	Person Completing Form: Dennis Amaturo		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$50,400				$50,400
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$50,400				$50,400

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$7,770		$7,770
Construction & Implementation		$42,000		$42,000
Right-of-Way Acquisition				
Equipment				
Other		$630		$630
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$5,040		$5,040
DPW Charges		$2,730		$2,730
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$630		$630
Buildings / Structures		$42,000		$42,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$50,400		$50,400

Cost Estimates Prepared By	DPW Review By
Tom Pritzlaff	Steve Dragosz

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	$1,224
Property Tax Revenue	
Miscellaneous Revenue	$49,176
G.O. Bonds and Notes	
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$50,400

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	N/A
Complete Preliminary Plans	5/02
Complete Final Plans & Specifications	7/02
Begin Construction	8/02
Complete Construction	12/02
Scheduled Project Closeout	3/03

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WE021 - Psychiatric Hospital Outlet Installation

An appropriation of $50,400 is budgeted in 2002 to purchase and install ground fault interrupting outlets in Psychiatric Hospital bathrooms. Financing will be provided from $1,224 in sales tax revenue and $49,176 from advertising revenue related to billboard leasing at the Zoological Gardens.

The State Engineer has instructed the Behavioral Health Division to install ground fault current interrupting outlets in its bathrooms. The outlets will be upgraded in a total of 362 bathrooms: 330 in the patient's bedrooms and activities area and 32 in public bathrooms. The majority of the planned expenditures are for the labor needed to install electrical boxes, pull the wiring and rewire the circuits.

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.

DPW Staffing Plan
The Department of Public Works project manager will be Steve Dragosz. The DPW project manager will be Steve Dragosz. Specialized consultants will be retained as needed.

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2002 ADOPTED CAPITAL IMPROVEMENTS

SECTION 11
DPW - COUNTY GROUNDS

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WG007	Plank Road School Complex - Demolition		
Requesting Department or Agency: DPW County Grounds		Functional Group: General Government	
Department Priority: 1	Person Completing Form: Gary Mick		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR					
2001	$990,000				$990,000
2002	$885,000				$885,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$1,875,000				$1,875,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$167,500	$136,400		$303,900
Construction & Implementation	$810,000	$737,500		$1,547,500
Right-of-Way Acquisition				
Equipment				
Other	$12,500	$11,100		$23,600
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$14,500	$13,000		$27,500
DPW Charges	$153,000	$123,400		$276,400
Capitalized Interest				
Park Services				
Disadv. Business Serv.	$12,500	$11,100		$23,600
Buildings / Structures				
Land / Land Improvements	$810,000	$737,500		$1,547,500
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$990,000	$885,000		$1,875,000

Cost Estimates Prepared By: Gary Mick/Tom Pritzlaff

DPW Review By: Gary Mick

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$885,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$885,000

Project Useful Life (Years)	50

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$446,859
Total Expenditures to Date	$446,859
Encumbrances	$542,123
Available Balance	$1,018

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	N/A
Complete Preliminary Plans	1/01
Complete Final Plans & Specifications	9/01
Begin Construction	1/02
Complete Construction	6/02
Scheduled Project Closeout	8/02

WG007 - Plank Road School Complex - Demolition

An appropriation of $885,000 is budgeted to provide for the demolition of the Plank Road School Complex. Financing will be provided by general obligation bonds.

This complex is comprised of the Plank Road School, four cottages, a maintenance shop and a small garage. There are major utility junctions in the school and maintenance building that require relocation. Hazardous materials consist of asbestos, PCBs, mercury and used petroleum products.

An appropriation of $990,000 was approved in 2001 to remediate hazardous materials and reconfigure utilities. These work elements have been completed.

The Plank Road School building, cottages C-1, C-4, C-5, C-6, C-7 and C-8 have already been demolished.

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.

DPW Staffing Plan

The Department of Public Works project manager will be Stevan Keith. Specialized consultants may be retained as needed.

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2002 ADOPTED CAPITAL IMPROVEMENTS

SECTION 12
DEPARTMENT OF HUMAN SERVICES

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WS005	12th and Vliet Street Building Renovation	
Requesting Department or Agency: Department of Human Services	Functional Group: Health and Human Services	
Department Priority: 1	Person Completing Form: Thomas Van Dalen	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR	$799,231				$799,231
2001	$2,500,000				$2,500,000
2002	$1,534,000				$1,534,000
2003	$1,594,000				$1,594,000
2004	$698,000				$698,000
2005					
2006					
SUBSEQUENT					
TOTAL	$7,125,231				$7,125,231

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$827,500	$128,445	$136,500	$1,092,445
Construction & Implementation	$2,321,731	$1,237,000	$2,005,500	$5,564,231
Right-of-Way Acquisition				
Equipment	$150,000	$150,000	$150,000	$450,000
Other		$18,555		$18,555
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$578,725	$30,000	$15,500	$624,225
DPW Charges	$240,000	$98,445	$121,000	$459,445
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$18,555		$18,555
Buildings / Structures	$2,330,506	$1,237,000	$2,005,500	$5,573,006
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings	$150,000	$150,000	$150,000	$450,000
Other Expenses				
Total Project Cost	$3,299,231	$1,534,000	$2,292,000	$7,125,231

Cost Estimates Prepared By	DPW Review By
Walter Wilson	Greg High

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$1,534,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$1,534,000
Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	$17,775
2000 Expenditures	$40,413
2001 Expenditures	$137,876
Total Expenditures to Date	$196,064
Encumbrances	$558,454
Available Balance	$2,544,713

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	N/A
Complete Preliminary Plans	1999
Complete Final Plans & Specifications	2001
Begin Construction	2002
Complete Construction	2004
Scheduled Project Closeout	2004

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WS005 – 12th and Vliet Street Building Renovation

An appropriation of $1,534,000 is budgeted for the second year of construction involving improvements to the 12th and Vliet Street building. The project is financed by general obligation bonds.

The intent of this project is to make improvements to the exterior and interior of the building so that the Department of Human Services (DHS) can ultimately centralize its services as leases expire in other buildings. The plan is to move DHS operations back to 12th and Vliet. The building has over 200,000 square feet of gross floor area for office use.

Under the renovation plan, the Department of Public Works (DPW) will be conducting some of the work with its own staff and through outside vendors within the budget identified in the table that follows. DPW anticipates relocating at least 530 DHS staff to 12th and Vliet. Additional staff members will likely be moved, but DPW cannot quantify the exact number at this stage. There are approximately 702 total DHS staff who could be impacted.

The total budget is projected at approximately $7,100,000. In 1999, $75,000 was budgeted for a preliminary design study for the exterior improvements to the building. The result was a preliminary design with a construction cost estimate addressing the improvement and enhancement of both the exterior and interior work areas. Because only $17,500 was expended on this phase of the project, the remaining balance of $58,000 was transferred into the Courthouse Annex Relocation project. In addition, during the 2000 carryover process, the remaining balance of $161,456 in the carpet replacement project was transferred to this project. An appropriation of $620,000 was approved in the 2001 Capital Improvements Budget for preliminary design through construction document preparation, which was carried over into 2001 to complete that process. In 2001, $2,500,000 was appropriated to begin construction, but due to programming issues, construction will not take place until early 2002 when 2001 and 2002 appropriations can be combined for a more affective bidding package. Construction will be completed in 2004 as previously planned.

The architectural concept for the exterior was to restore and enhance the original architecture style of the building. In its original form, the building is an example of the Chicago-style of commercial architecture. Except for the north side of the building, the exterior of the building is in good condition. The bricks on the north side of the building are falling out.

As a result of the addition of wood infill panels to the building's exterior, very little natural light gets into the work areas. These panels will be removed and replaced with windows. By returning to the original architectural style of the building through the proposed exterior improvements, the interior work areas also will be provided with natural lighting and ventilation.

Proposed improvements include:

1. The removal of the existing wood infill panels in the original window openings on the south, east and west building elevations and replacement with high-quality, energy-efficient, thermal-broken, double-glazed, insulating glass windows. The glazing will have appropriate shading coefficients and the windows will have an interior/exterior shading system.

2. The interior perimeter of the building on the east, west and south walls where the window replacement occurs will require interior modifications to open the interior work area to the daylight. The existing heating, ventilation and air conditioning (HVAC) system is currently inadequate and will have to be modified as a result of these changes. Electrical and HVAC modifications to the building perimeter will be required to provide adequate ventilation to all the building occupants.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WS005 – 12th and Vliet Street Building Renovation (contd.)

3. The north exterior elevation of the building will be refaced with an Exterior Insulation Finishing System (EIFS). There are no windows on this elevation and the existing soft brick veneer is rapidly deteriorating. This will provide an aesthetic, maintenance-free, insulated, protective coating on that building elevation.

4. The canopy on the north side of the building will be removed and replaced with a shed-type metal building to cover over the existing loading dock and basement rooms which extend out under the parking lot. This will provide a permanent solution to the recurring problem of water infiltration into the basement below the loading dock and provide an enclosed loading dock for the building.

5. Structural repairs on all elevations of the building, but primarily on the north elevation, will be undertaken.

6. Enhancements will be made to the building entrances at the east, west and south elevation and primarily the main entrance to the building on the south elevation.

7. Enhancements will be made to the building exterior with street-scaping improvements that would include planters, benches, harp street light fixtures, etc.

8. The cafeteria, located on the basement level of the building, will be altered and updated so that it meets the requirements of DHS.

9. The central core area on each floor of the building may be altered to meet the new space requirements of DHS.

The following table provides further detail as to the improvements that will occur from 2001 to 2004:

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WS005 – 12th and Vliet Street Building Renovation (contd.)

Budget Year	Proposed Improvements	Cost
1999	Preliminary Planning and design	$17,775
	Total:	**$17,775**
2000/2001	Planning & design	$620,000
	2000 carryover from carpet replacement project	$161,456
	Total:	**$781,456**
2002	**Proposed Improvements - 3rd Floor**	
	Exterior windows, interior remodeling, electrical work	$850,000
	Re-face north elevation with E.I.F.S. (Exterior Insulation Finishing Systems)	$350,000
	Remove canopy and replace with metal building over loading dock	$200,000
	Mechanical systems	$500,000
	Allowance for structural repairs of exterior walls at all four elevations	$100,000
	Project management	$95,000
	Construction management	$95,000
	Staff moving & furnishings	$150,000
	Inflation cost (4% each year for 2000 & 2001)	$160,000
	Total:	**$2,500,000**
	Proposed Improvements - 2nd Floor	
2002	Exterior windows, interior remodeling, electrical work	$850,000
	Mechanical systems	$300,000
	Project management	$52,000
	Construction management	$52,000
	Staff moving & furnishings	$150,000
	Inflation cost (4% each year for 2000, '01 & 02)	$130,000
	Total:	**1,534,000**
	Proposed Improvements - 1st Floor	
2003	Exterior windows, interior remodeling, electrical work	$850,000
	Mechanical systems	$300,000
	Project management	$55,000
	Construction management	$55,000
	Staff moving & furnishings	$150,000
	Inflation cost (4% each year for 2000, '01 &' 02 & '03)	$184,000
	Total:	**$1,594,000**
2004	Enhance entrances at east, west & south elevations	$50,000
	Enhance streetscape with planters, benches & harp lighting fixtures	$100,000
	Remodel existing cafeteria	$390,000
	Project management	$25,000
	Construction management	$25,000
	Inflation cost (4% each year 2000, '01, '02, '03, & '04	$108,000
	Total:	**$698,000**
	Grand Total:	**$7,125,231**

WS005 – 12th and Vliet Street Building Renovation (contd.)

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.

DPW Staffing Plan

Department of Public Works staff will be responsible for project management. The project manager will be Walter Wilson. Specialized consultants will be retained as needed.

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WS012	Department of Aging - Wilson Park Senior Center HVAC System	
Requesting Department or Agency: Department of Aging	Functional Group: Health and Human Services	
Department Priority	Person Completing Form: Clare O'Brien	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR					
2001					
2002	$425,750				$425,750
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$425,750				$425,750

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$50,000		$50,000
Construction & Implementation				
Right-of-Way Acquisition				
Equipment		$375,750		$375,750
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges		$50,000		$50,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings		$375,750		$375,750
Other Expenses				
Total Project Cost		$425,750		$425,750

Cost Estimates Prepared By	DPW Review By

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$425,750
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$425,750
Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WS012 – Department of Aging – Wilson Park Senior Center HVAC System

An appropriation of $425,750 is included for HVAC system modifications at the Wilson Park Senior Center as described in the Facility Assessment Report dated March 30, 2001. This project is financed by $425,750 in general obligation bonds.

The following modifications are financed by this appropriation:

Purchase and installation of an Energy Management Control System and Retro-commission all of the Control Dampers	$112,300
Purchase and installation of two new 54-ton Air-cooled Glycol Chillers	$154,600
DPW Management Charges	$ 50,000
Replace 29 Fan-powered VAV Reheat Boxes	$ 78,700
Purchase and installation of a Filter in Woodworking Shop Dust Arrester Discharge Duct	$ 1,700
Retrofit Aerco Boiler Combustion Air Intake and Flue Gas Exhaust Vent Pipes	$ 7,000
Clean and Paint Plenum Crawlspace Walls and Floor	$ 17,100
Provide New Access Door to Crawlspace	$ 4,350
TOTAL	**$425,750**

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.

DPW Staffing Plan

The Department of Public Works staff will be responsible for overall project management. The DPW project manager will be Walter Wilson. Specialized consultants will be retained as needed.

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2002 ADOPTED CAPITAL IMPROVEMENTS

SECTION 13
COURTHOUSE COMPLEX

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COURTHOUSE COMPLEX
Infrastructure Facts

Facilities	Square Footage	Year Constructed
Courthouse	880,000	1932
Courthouse Annex	240,000	1969
Office & Shops	100,000	1969
Parking	140,000	1969
Safety Building	407,000	1929
Criminal Justice Center	500,000	1992
Community Correctional Center	66,000	1930
Medical Examiner	46,000	1974
Total Complex	**2,379,000**	

Other Miscellaneous Facts

Public Skywalks	425 feet
Courtrooms	50
Elevators	35
Total Parking Spaces	859
Surface	417
Parking Structure (Annex)	442
Sidewalks	1.1 miles

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WC016	Courthouse Roof Replacement		
Requesting Department or Agency		**Functional Group**	
Courthouse Complex/Facilities Management		General Government	
Department Priority	**Person Completing Form**		
2	John H. Bitz		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$37,470				$37,470
2003	$324,000				$324,000
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$361,470				$361,470

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$36,000	$19,500	$55,500
Construction & Implementation			$300,000	$300,000
Right-of-Way Acquisition				
Equipment				
Other		$1,470	$4,500	$5,970
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$5,000		$5,000
DPW Charges		$31,000	$19,500	$50,500
Capitalized Interest		$1,470		$1,470
Park Services				
Disadv. Business Serv.			$4,500	$4,500
Buildings / Structures			$300,000	$300,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$37,470	$324,000	$361,470

Cost Estimates Prepared By	DPW Review By
Thomas Pritzlaff	Greg High

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$36,735
Airport Reserve	
Investment Earnings	$735
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$37,470
Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	N/A
Complete Preliminary Plans	6/02
Complete Final Plans & Specifications	10/02
Begin Construction	5/03
Complete Construction	10/03
Scheduled Project Closeout	12/03

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WC016 - Courthouse Roof Replacement

An appropriation of $37,470 is budgeted in 2002, including $1,470 in capitalized interest charges, to plan and design a replacement of the seventh and eighth floor roofs of the Courthouse. Financing will be provided from sales tax revenue.

The existing roofs are over 30 years old and have continuous problems with leaking. Ongoing roof repairs have not permanently resolved existing leakage.

Planning and design is requested for 2002, which will provide for a refined project cost estimate for construction in 2003. Construction costs are estimated at $324,000.

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.

DPW Staffing Plan

The Department of Public Works project manager will be Walter Wilson. Specialized consultants will be retained as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WC017	Courthouse Perimeter Security Upgrade - Planning		
Requesting Department or Agency: Courthouse Complex		Functional Group: General Government	
Department Priority	Person Completing Form: Ivars Zucevics		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR					
2001					
2002	$250,000				$250,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$250,000				$250,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$248,000		$248,000
Construction & Implementation				
Right-of-Way Acquisition				
Equipment				
Other		$2,000		$2,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$235,000		$235,000
DPW Charges		$13,000		$13,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$2,000		$2,000
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$250,000		$250,000

Cost Estimates Prepared By	DPW Review By
Gary Mick/Tom Pritzlaff	Gary Mick

Budget Year Financing

Federal, State and Local Aids	
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	
Other Revenue	
Total Budget Year Financing	$250,000
Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	N/A
Complete Preliminary Plans	7/02
Complete Final Plans & Specifications	N/A
Begin Construction	N/A
Complete Construction	N/A
Scheduled Project Closeout	N/A

WC017 - Courthouse Perimeter Security Upgrade - Planning

An appropriation of $250,000 is budgeted for planning and schematic design to provide perimeter security around the interconnected Courthouse Complex buildings, including the Courthouse, Courthouse Annex, Safety Building, and Criminal Justice Facility. Perimeter security involves access/egress control at all entrances/exits to the above buildings. The intent of this project is to provide a more safe and secure environment for those that utilize and work within the Courthouse Complex. Financing will be provided from sales tax revenue.

Planning will involve retaining a consultant to provide options on various levels of security. The consultant will present the security plan to the Milwaukee County Security and Crisis Management Commission for review and approval.

Pending the results of this plan, this capital request may include financing the complete planning and design and construction/implementation of the approved perimeter security design. If necessary, additional funding may be requested in 2003.

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.

DPW Staffing Plan

The Department of Public Works project manager will be Ivars Zucevics. 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, archeological surveys, soils investigation, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WC779	Courthouse Air Conditioning CFC Conversion		
Requesting Department or Agency: Courthouse Complex/Facilities Management		Functional Group: General Government	
Department Priority: 1	Person Completing Form: John H. Bitz	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$690,600				$690,600
2001	$437,000				$437,000
2002	$531,860				$531,860
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$1,659,460				$1,659,460

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$148,500	$40,500		$189,000
Construction & Implementation				
Right-of-Way Acquisition				
Equipment	$930,000	$469,000		$1,399,000
Other	$49,100	$22,360		$71,460
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$83,000	$29,500		$112,500
DPW Charges	$65,500	$11,000		$76,500
Capitalized Interest	$39,600	$20,860		$60,460
Park Services				
Disadv. Business Serv.	$9,500	$1,500		$11,000
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings	$930,000	$469,000		$1,399,000
Other Expenses				
Total Project Cost	$1,127,600	$531,860		$1,659,460

Cost Estimates Prepared By: John H. Bitz
DPW Review By: Greg High

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$521,430
Airport Reserve	
Investment Earnings	$10,430
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$531,860

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	$32,146
2000 Expenditures	$226,932
2001 Expenditures	$669,368
Total Expenditures to Date	$928,446
Encumbrances	$356,875
Available Balance	-$157,721

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	N/A
Complete Preliminary Plans	4/02
Complete Final Plans & Specifications	6/02
Begin Construction	10/02
Complete Construction	12/02
Scheduled Project Closeout	5/03

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WC779 - Courthouse Air Conditioning CFC Conversion

An appropriation of $531,860 is budgeted in 2002, including $20,860 in capitalized interest charges, to continue the replacement of the Courthouse Complex chillers. Financing will be provided from $521,430 in general obligation bonds and $10,430 in investment earnings.

This is the last year for the Courthouse Air Conditioning CFC Conversion project. The 2002 project cost of $521,430 is for replacement of Chillers in the Safety Building and Community Correction Center/Medical Examiner for $385,000 and to rebuild the two Criminal Justice Center Chillers at a cost of $63,000 each.

Currently, R-11, which is no longer manufactured, is used as a refrigerant for the existing chillers. Manufacturing has been banned because, when released into the atmosphere, R-11 destroys the ozone layer. As the old chillers are replaced, the R-11 refrigerant from those machines will be used on the remaining chillers until they are replaced. The new chillers will use an environmentally approved refrigerant.

The project schedule is as follows:

Year	Location	Amount*
1999	Replace Courthouse chillers one and two at a cost of $190,000 each.	$380,000
2000	Replace Courthouse Annex chiller ($200,000) and condenser for AC-5 ($88,000)	288,000
2001	Replace Courthouse chillers three and four at a cost of $210,000 each	420,000
2002	Replace chillers in the Community Correction Center/Medical Examiner ($140,000)and Safety Bldg. ($245,000) and rebuild Criminal Justice Center Chillers ($126,000)	511,000
	Total	**$1,599,000**

* These costs do not include capitalized interest.

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.

DPW Staffing Plan

The Department of Public Works project manager will be John Bitz. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

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2002 ADOPTED CAPITAL IMPROVEMENTS

SECTION 14
HOUSE OF CORRECTION

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WJ004	Smokestack Demolition, Disposal and Site Restoration		
Requesting Department or Agency: House of Correction		Functional Group: General Government - Public Safety	
Department Priority: 1	Person Completing Form: David Lehmann		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$102,000				$102,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$102,000				$102,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$15,725		$15,725
Construction & Implementation		$85,000		$85,000
Right-of-Way Acquisition				
Equipment				
Other		$1,275		$1,275
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$10,200		$10,200
DPW Charges		$5,525		$5,525
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$1,275		$1,275
Buildings / Structures		$85,000		$85,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$102,000		$102,000

Cost Estimates Prepared By	DPW Review By
Tom Pritzlaff	Greg High

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	$102,000
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$102,000
Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	N/A
Complete Preliminary Plans	N/A
Complete Final Plans & Specifications	3/31/02
Begin Construction	4/01/02
Complete Construction	12/31/02
Scheduled Project Closeout	12/31/02

WJ004 - Smokestack Demolition, Disposal and Site Restoration

An appropriation of $102,000 is budgeted in 2002 for smokestack demolition, disposal and site restoration. Financing will be provided from sales tax revenue.

The renovation of the boiler plant made the smokestack on the House of Correction grounds obsolete. The smokestack age and condition creates a hazard and the smokestack needs to be demolished. Hazards include bricks crumbling and falling to the ground and possibly injuring inmates, staff or visitors.

The stack stands 126 feet high and is ten feet six inches wide at the base and six feet six inches wide at the top.

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.

DPW Staffing Plan

The Department of Public Works project manager will be Stevan Keith. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WJ014	HOC Infrastructure Improvements		
Requesting Department or Agency: House of Correction		Functional Group: General Government - Public Safety	
Department Priority: 6	Person Completing Form: David L. Lehmann		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$149,895				$149,895
2002	$155,000				$155,000
2003	$200,000				$200,000
2004	$250,000				$250,000
2005	$250,000				$250,000
2006	$250,000				$250,000
SUBSEQUENT					
TOTAL	$1,254,895				$1,254,895

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$27,750	$21,506	$116,000	$165,256
Construction & Implementation	$170,000	$131,750	$702,000	$1,003,750
Right-of-Way Acquisition				
Equipment			$120,000	$120,000
Other	$2,250	$1,744	$12,000	$15,994
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$18,000	$13,950		$31,950
DPW Charges	$9,750	$7,556	$116,000	$133,306
Capitalized Interest				
Park Services				
Disadv. Business Serv.	$2,250	$1,744	$12,000	$15,994
Buildings / Structures	$170,000	$131,750	$702,000	$1,003,750
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings			$120,000	$120,000
Other Expenses				
Total Project Cost	$200,000	$155,000	$950,000	$1,305,000

Cost Estimates Prepared By: Tom Pritzlaff | DPW Review By: Greg High

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$155,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$155,000

Project Useful Life (Years)	10

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$15,089
Total Expenditures to Date	$15,089
Encumbrances	$19,628
Available Balance	$115,178

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	N/A
Complete Preliminary Plans	N/A
Complete Final Plans & Specifications	N/A
Begin Construction	1/1/02
Complete Construction	12/31/02
Scheduled Project Closeout	12/31/02

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WJ014 - HOC Infrastructure Improvements

An appropriation of $155,000 is budgeted for various infrastructure projects. Financing will be provided by general obligation bonds.

In recent years, the level of major maintenance appropriations in the operating budget has limited the House of Correction's ability to preserve the proper level of equipment, building upkeep and preventative maintenance that is required for these facilities. The House of Correction's equipment and structures require ongoing repair and maintenance.

In 1999, $600,000 was approved for the Adult Correctional Center (ACC) project. Bids were received in 2001 and the actual cost for the project is $1.3 million, which is significantly higher than the budgeted amount. Therefore, an appropriation transfer was approved to reallocate funds from various HOC projects to offset the increased cost of the ACC project. In 2001, an appropriation of $200,000 was budgeted for infrastructure improvements. Available appropriations of $50,105 were transferred from the HOC Infrastructure Improvements project to the ACC project.

The HOC Infrastructure project comprises a group of major maintenance appropriations to provide the proper level of equipment and building maintenance required. Infrastructure improvements for 2002 total $155,000 and include the following work elements:

Sub-Project	Project Description	Appropriation
08	Replace light fixtures in Adult Correctional Center (ACC) North Building with high efficiency vandal proof fixtures over a three-year period costing approximately $50,000 per year.	$50,000
09	Upgrade the fire alarm system in the laundry and Surges Center, and network the fire alarm, intrusion and freezer alarms from the warehouse and farm on the east side of 68th Street over to master control.	$85,000
11	Replace the exhaust fans in the ACC North Building.	$20,000
	TOTAL	**$155,000**

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.

DPW Staffing Plan

The Department of Public Works project manager will be Steve Dragosz. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

HOUSE OF CORRECTION
Infrastructure Facts

Facility	Gross Square Footage	Year Acquired/ Constructed	Design Bed Capacity
Barn/Fish Hatchery	9,800	1948	
Power Plant	3,897	1951	
Adult Correctional Center	110,720	1953	408
Graphics/Garage	4,400	1964	
Training and Placement Center (all but two buildings were demolished in January 2000)	5,000	1965	
Surgis Multi-purpose Building	30,000	1987	
Laundry	17,500	1989	
Frank M. Lotter Building	27,596	1990	250
Warehouse	6,900	1991	
Greenhouse	3,450	1993	
Community Correctional Center	75,568	1989	200
Warehouse Addition	5,000	1998	
Adult Correctional Center Addition	191,000	1999	1,000
Total	**490,831**		**1,858**

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WJ015	Industries Building		
Requesting Department or Agency: House of Correction		Functional Group: General Government - Public Safety	
Department Priority: 5	Person Completing Form: David Lehmann		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$18,858				$18,858
2002	$750,000				$750,000
2003	$750,000				$750,000
2004					
2005					
2006	$800,000				$800,000
SUBSEQUENT					
TOTAL	$2,318,858				$2,318,858

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$18,858	$158,474	$327,513	$504,845
Construction & Implementation		$578,676	$1,195,932	$1,774,608
Right-of-Way Acquisition				
Equipment				
Other		$12,850	$26,555	$39,405
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$102,794		$102,794
DPW Charges	$18,158	$55,680	$327,513	$401,351
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$12,850	$26,555	$39,405
Buildings / Structures		$578,676	$1,195,932	$1,774,608
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$18,158	$750,000	$1,550,000	$2,318,158

Cost Estimates Prepared By	DPW Review By
Tom Pritzlaff	Greg High

Budget Year Financing

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

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	$0
2000 Expenditures	$0
2001 Expenditures	$13,936
Total Expenditures to Date	$13,936
Encumbrances	$358
Available Balance	$4,564

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	N/A
Complete Preliminary Plans	3/31/01
Complete Final Plans & Specifications	7/31/01
Begin Construction	8/1/01
Complete Construction	12/31/02
Scheduled Project Closeout	12/31/02

WJ015 - Industries Building

An appropriation of $750,000 is budgeted for construction of the Industries Building. Financing for the project will be provided by general obligation bonds.

This building will provide the needed program space used for the rehabilitation and skills training of incarcerated individuals. The building will include a weld shop, print shop, classrooms, loading dock, washrooms, offices, and storage areas.

In 1999, $600,000 was approved for the Adult Correctional Center (ACC) project. Bids were received in 2001 and the actual cost for the project is $1.3 million, which is significantly higher than the budgeted amount. Therefore, an appropriation transfer was approved to reallocate funds from various HOC projects to offset the increased cost of the ACC project. In 2001, an appropriation of $378,000 was budgeted for the Industries Building capital project. Available appropriations of $359,142 were transferred from the HOC Industries Building capital project to the ACC project.

This project includes the construction of an approximated 8,500 square foot industries building and a six feet by six feet, 220 foot long steam tunnel that will connect the boiler plant to the Surges Center, laundry, and Industries Building.

The new Industries Building would consist of the following:

- 2,000 square feet for the Weld Shop
- 3,000 square feet for the Graphics/Print Shop
- 2,000 square feet for future industries and training
- 1,500 square feet for common areas

In 2003, an additional $750,000 will be requested to complete construction of the Industries Building.

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.

DPW Staffing Plan

The Department of Public Works project manager will be Ivars Zusevics. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WJ020	Stairwell Cameras		
Requesting Department or Agency: House of Correction		Functional Group: General Government - Public Safety	
Department Priority: 2	Person Completing Form: David L. Lehmann		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$96,000				$96,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$96,000				$96,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$14,800		$14,800
Construction & Implementation		$80,000		$80,000
Right-of-Way Acquisition				
Equipment				
Other		$1,200		$1,200
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$9,600		$9,600
DPW Charges		$5,200		$5,200
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$1,200		$1,200
Buildings / Structures		$80,000		$80,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$96,000		$96,000

Cost Estimates Prepared By: Tom Pritzlaff | DPW Review By: Greg High

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$96,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$96,000

Project Useful Life (Years)	10

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	N/A
Complete Preliminary Plans	N/A
Complete Final Plans & Specifications	N/A
Begin Construction	1/1/02
Complete Construction	
Scheduled Project Closeout	

WJ020 – Stairwell Cameras

An appropriation of $96,000 is budgeted for the purchase and installation of security cameras and monitors at the House of Correction. Due to recent security concerns, the cameras and monitors are needed for surveillance of all stairwells. Financing will be provided by general obligation bonds.

The request provides for the purchase and installation of 14 cameras, one video recorder and one multiplexor. The multiplexor allows the camera recording system to record several areas at once. The stairwells to be monitored include five stairwells in the new Adult Correction Center and two stairwells in the old Adult Correction Center. Two cameras are required for each stairwell.

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.

DPW Staffing Plan
The Department of Public Works project manager will be Steve Dragosz. The DPW project manager will be Steve Dragosz. Specialized consultants will be retained as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	
WJ803	ACC Security Fence Replacement	4789-2002

Requesting Department or Agency	Functional Group
House of Correction	General Government - Public Safety

Department Priority	Person Completing Form	
4	David Lehmann	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$1,983				$1,983
2002	$510,000				$510,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$511,983				$511,983

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$1,983	$78,625		$80,608
Construction & Implementation				
Right-of-Way Acquisition				
Equipment				
Other		$431,375		$431,375
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$1,983	$51,000		$52,983
DPW Charges		$27,625		$27,625
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$6,375		$6,375
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses		$425,000		$425,000
Total Project Cost	$1,983	$510,000		$511,983

Cost Estimates Prepared By	DPW Review By
Tom Pritzlaff	Greg High

Budget Year Financing

Federal, State and Local Aids	
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 Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$510,000

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	$0
2000 Expenditures	$0
2001 Expenditures	$1,983
Total Expenditures to Date	$1,983
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	N/A
Complete Preliminary Plans	N/A
Complete Final Plans & Specifications	3/31/02
Begin Construction	4/01/02
Complete Construction	12/31/02
Scheduled Project Closeout	12/31/02

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WJ803 - ACC Security Fence Replacement

An appropriation of $510,000 is budgeted for the replacement of the security fencing at the Adult Correctional Center at the House of Correction. Financing would be provided by general obligation bonds.

In 1999, $600,000 was approved for the Adult Correctional Center (ACC) project. Bids were received in 2001 and the actual cost for the project is $1.3 million, which is significantly higher than the budgeted amount. Therefore, an appropriation transfer was approved to reallocate funds from various HOC projects to offset the increased cost of the ACC project. In 2001, an appropriation of $468,000 was budgeted for the ACC Security Fence Replacement capital project. Available appropriations of $466,017 were transferred from this project to the ACC project.

Existing fencing is too light and poles are rusting off at the bases, guide wires are breaking and razor ribbon is falling from the fence. The existing fences are 12 feet apart. New fences would be spaced 25 feet apart to be uniform with American Correctional Association recommendations. This is to be a double fence system.

The southern fence section was replaced as part of the 600 and 400 bed expansions. Included in the construction cost is $33,100 for the removal of the existing fence.

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.

DPW Staffing Plan
The Department of Public Works project manager will be Karl Stave. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

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2002 ADOPTED CAPITAL IMPROVEMENTS

SECTION 15
OTHER COUNTY AGENCIES

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WO010	County Web, Internet and Electronic Commerce Development		
Requesting Department or Agency: Department of Administration		Functional Group: Information Management Services Division	
Department Priority: 1	Person Completing Form: Elizabeth Thundercloud		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$200,000				$200,000
2001	$876,240				$876,240
2002	$480,000				$480,000
2003	$300,000				$300,000
2004	$300,000				$300,000
2005	$300,000				$300,000
2006	$300,000				$300,000
SUBSEQUENT					
TOTAL	$2,756,240				$2,756,240

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$578,200	$280,000		$858,200
Construction & Implementation			$375,000	$375,000
Right-of-Way Acquisition				
Equipment	$292,000	$200,000	$625,000	$1,117,000
Other	$206,040		$200,000	$406,040
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$578,200	$280,000	$375,000	$1,233,200
DPW Charges				
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings	$292,000	$200,000	$625,000	$1,117,000
Other Expenses	$206,040		$200,000	$406,040
Total Project Cost	$1,076,240	$480,000	$1,200,000	$2,756,240

Cost Estimates Prepared By	DPW Review By
E. Thundercloud	

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	$480,000
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$480,000

Project Useful Life (Years)	5

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$580,926
Total Expenditures to Date	$580,926
Encumbrances	$53,013
Available Balance	$442,300

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

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO010 – County Web, Internet and Electronic Commerce Development

An appropriation of $480,000 is budgeted for the continued development and implementation of the Milwaukee County web site. This appropriation is financed by sales tax revenue.

Milwaukee County implemented a new web site in the summer of 2001. Citizens now have daily, around the clock access to information about services in Milwaukee County. The web site includes contact information for County government services and helpful links to other local services and to other governments. Each department enters and updates its own information on the web site. Since departments can update their web pages when services change, citizens thus have access to current information.

The Milwaukee County Electronic Government Committee, chaired by the Director of Administration, developed a list of 282 County services that could be provided via the Internet. Examples include: applying for jobs, permits and reservations (e.g., park facilities); paying fines; transferring data between state and county systems; notifying victims of court actions; transferring funds; paying bills; ordering supplies from contracted vendors; posting information, and linking to other information and services useful to citizens, businesses and employees.

Development of specifications for automation of the County's online bidding procedures began in June 2001. Completion of this automation effort is projected for 2002.

The 2002 appropriation of $480,000 funds $230,000 in consultant fees, $230,000 in software tools for web-based applications development and $20,000 in IMSD staff costs.

The specific activities funded with this appropriation include contractual services to assist IMSD in Phase Two e-government projects, in accordance with Milwaukee County's technology plan. Software tools are budgeted for development of new systems, secure payment transactions, and completing and filing applications and other forms. The tools will be used to provide on-line services to County constituents and residents. The applications started in 2001 and planned for completion in 2002 include applying for the following on-line:

- County Jobs
- Copies of Birth, Death and Marriage Certificates
- Permits
- Rent Assistance

Video conferencing, town hall meetings and voice streaming are long-term goals within the five-year plan.

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.

<u>IMSD Staffing Plan</u>
Overall project management will be performed by IMSD staff. The project manager will be Carole Trimmer, IMSD Services Manager.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	
WO021	Milwaukee County Public Art Program	4789-2002

Requesting Department or Agency	Functional Group
DOA - Fiscal Affairs	General Government

Department Priority	Person Completing Form	
	Clare O'Brien	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$100,000				$100,000
2001	$294,000				$294,000
2002	$202,478				$202,478
2003	$400,000				$400,000
2004	$400,000				$400,000
2005	$400,000				$400,000
2006	$400,000				$400,000
SUBSEQUENT					
TOTAL	$2,196,478				$2,196,478

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$50,000	$43,831	$400,000	$493,831
Construction & Implementation	$344,000	$158,647	$1,200,000	$1,702,647
Right-of-Way Acquisition				
Equipment				
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$50,000	$43,831	$400,000	$493,831
DPW Charges				
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures	$344,000	$158,647	$1,200,000	$1,702,647
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$394,000	$202,478	$1,600,000	$2,196,478

Cost Estimates Prepared By	DPW Review By

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	$43,831
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$158,647
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$202,478
Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	$7,500
2001 Expenditures	$70,289
Total Expenditures to Date	$77,789
Encumbrances	$100,624
Available Balance	$215,587

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	

WO021 – Milwaukee County Public Art Program

An appropriation of $202,478 is budgeted for the public art program. This project is financed by $158,647 in general obligation bonds and $43,831 in sales tax revenue.

This appropriation will finance approximately one percent of the construction cost for eligible projects. In reviewing eligible projects for 2002, one percent of the construction cost equals approximately $202,478.

In addition, there is $7,730 budgeted for the Public Art Program within the Airport capital budget. This appropriation is being financed by one percent of the construction costs for project WA009 – GMIA Concession Mall Renovation, or approximately $7,730. This project adheres to the eligibility requirements for the Public Art Program with construction budgets in excess of $500,000.

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, the 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.

Not all of these projects may provide opportunities for public art but preliminarily these projects appear eligible based on the Milwaukee County One Percent for Art Program Guidelines. In addition, actual fund amounts for an art project may not equal one percent of its construction cost. 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. Although funds within the Airport may be transferred to and from Airport projects through a fund transfer as approved by the County Board, these Airport funds cannot be transferred to non-Airport projects within the Public Art Program as described in the paragraph above.

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 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 which 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 above 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.

WO021 – Milwaukee County Public Art Program (contd.)

The Director of Public Works is responsible for contracting with artists and authorizing payment from the Public Art Program. Standard accounting procedures for disbursements will be followed.

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 potentially eligible projects for 2002:

Project Number	Project Name	Construction Budget	1%
WZ003	Animal Hospital	$2,000,000	$20,000
WS005	12th and Vliet Street Building Renovation	$1,534,000	$15,340
WP001	Boerner Botanical Gardens Visitors Center	$800,000	$8,000
WP015	Washington Park Redevelopment	$1,418,000	$14,180
WP513	McKinley Marina Redevelopment	$3,676,250	$36,763
WO030	Countywide Access Road Improvement Program	$907,595	$9,076
WO878	Sheriff's Training Academy	$3,500,000	$35,000
WH203*	Major Rehabilitation County Trunk Highways	$1,807,700	$18,077
WH205	Bridge Replacement Program	$2,350,000	$23,500
WH222	Good Hope Road Reconstruction	$2,254,200	$22,542
	Total	**$20,247,745**	**$202,478**

*The total budget adopted for WH203 - Major Rehabilitation County Trunk Highways is $1,877,700. However, $70,000 of the total appropriation is for a pavement management database which is not eligible for public art. Therefore, the total appropriation used to calculate the one percent for public art is $1,807,700.

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.

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.

DPW Staffing Plan

The Director of the Department of Public Works serves on the Public Art Committee along with other County Executive and County Board Chairman appointees. The DPW project manager is Greg High.

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WO029	Milwaukee County Historical Society Renovation		
Requesting Department or Agency: Milwaukee County Historical Society		Functional Group: General Government	
Department Priority	Person Completing Form		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$100,000				$100,000
2003	$2,605,040				$2,605,040
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$2,705,040				$2,705,040

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$100,000	$441,040	$541,040
Construction & Implementation			$2,164,000	$2,164,000
Right-of-Way Acquisition				
Equipment				
Other				
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$90,000	$235,000	$325,000
DPW Charges		$10,000	$166,040	$176,040
Capitalized Interest				
Park Services				
Disadv. Business Serv.			$40,000	$40,000
Buildings / Structures			$2,164,000	$2,164,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$100,000	$2,605,040	$2,705,040

Cost Estimates Prepared By	DPW Review By
	Ivars Zusevics

Budget Year Financing

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

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO029 – Milwaukee County Historical Society Renovation

An appropriation of $100,000 is budgeted for the development of detailed plans and drawings leading to the restoration of the Milwaukee County Historical Society Center. This appropriation is financed by $100,000 in general obligation bonds.

Currently, the total estimated cost to renovate the Historical Society is $6,210,080 (based upon an estimate developed in 2000). Of this amount, planning and design costs total $200,000, construction costs total $5,210,080 and other project costs total $800,000. The Historical Society was awarded $100,000 during the past year by the Jane B. Pettit Foundation to address half the cost of the planning and design phase. This award is being matched by $100,000 from the County.

Based upon these design and cost estimates, the Milwaukee County Historical Society has requested $2,705,040 or one half of the construction and design and project management costs from Milwaukee County. This amount reflects an appropriation of $100,000 for design in 2002 and $2,605,040 for construction in 2003. Milwaukee County will review the final plans and drawings. Future appropriations are contingent upon Milwaukee County's approval of the final plans and specifications.

The other project costs totaling $800,000 reflect operating and capital campaign costs. These costs are anticipated to be privately financed through the Historical Society.

Designed by the architectural firm of Kirchoff and Rose and constructed in 1913 as the Second Ward Savings Bank, the building was donated to Milwaukee County in 1965 by First Wisconsin Bank for use by the Historical Society. Since that time, the Historical Center has been the home of the Society's Research Library and its extensive collection of artifacts, photographs and documents relating to Milwaukee County.

One of the most impressive examples of Classical Revival architecture in downtown Milwaukee, the Historical Center underwent exterior restoration work in 1989 with support from Milwaukee County. The Historical Society now wishes to restore the interior of the building to its original grandeur and, at the same time, provide more usable gallery space for an expanded program of exhibitions. In addition, the renovation involves the creation of additional research and storage space for library patrons and staff and improved accessibility to all three levels of the facility.

A preliminary feasibility study undertaken by Uihlein Wilson Architects at the Historical Society's expense recommends four principal revisions in space utilization: expansion of the Research Library across the south side of the second floor, consolidation of office space across the south side of the first floor, replacement of the current wheelchair lift with an elevator reaching all three floors and relocation of the main staircase to the northeast corner of the building. In addition, Uihlein Wilson has recommended that the Historical Society reopen all windows on both floors to provide additional light and enhance exterior appearance, restore the elaborate ornamental plasterwork currently concealed beneath acoustical tile ceilings and refurbish the vaults, marble and scagliola columns throughout the interior of the building.

In order to support its portion of the public/private partnership required to restore the Historical Center, the Board of the Historical Society has begun discussions with a number of corporate and private foundations. The Historical Society is confident that it will be able to generate the $3,000,000 necessary for the capital campaign. However, in each case, foundation representatives indicated that a commitment to the project from Milwaukee County, as owner of the Historical Center building, was a critical prerequisite for their support.

WO029 – Milwaukee County Historical Society Renovation (contd.)

Total Costs

Budget Year	Activity	Total Cost	County Contribution	Historical Society
2002	Planning and Development (through construction drawings)	$200,000	$100,000	$100,000
2003-2004	Construction and other Costs	$6,010,080	$2,605,040	$3,405,040
Total		**$6,210,080**	**$2,705,040**	**$3,505,040**

Construction Costs

Sitework	$44,000
Demolition	$91,000
Exterior Windows, Doors and Tuck Pointing	$567,500
Roof and Structure	$85,000
Interior Construction	$922,986
Appliances	$5,500
Elevator	$80,000
Mechanical Systems	$864,450
Electrical	$350,000
Security System	$25,000
Telephone System	$10,000
Asbestos Abatement	$100,000
Moving & Relocation	$200,000
Furniture Allowance	$100,000
Replacement of Stone Cornice Work	$200,000
Replacement of Drain Tile	$60,000
Contingencies and General Conditions	$629,564
Total	**$4,335,000**

Design and Project Management Costs

Project Management	$65,025
Owners Services	$43,350
Planning and Design	$520,200
Construction Management	$173,400
Disadvantaged Business Development	$65,025
Inflation (4% Increase over 2000 Cost Estimate)	$208,080
Total	**$1,075,080**

Other Project Costs (to be fully covered by the Historical Society)

Temporary Relocation Expense	$300,000
Capital Campaign Expenses	$200,000
Annual Operating Expenses	$300,000
Total	**$800,000**

Grand Total

$6,210,080

WO029 – Milwaukee County Historical Society Renovation (contd.)

Subsequent to the adoption of the 2002 Capital Improvements Budget, the narrative and fiscal sheet for this project were adjusted to $100,000 to reflect a total expenditure budget of $100,000 and a revenue budget of $100,000 financed by County general obligation bonds. The original amount of $200,000 shown on the County Executive's narrative and fiscal sheet was incorrect and anticipated that a private donation of $100,000 would be issued to the County. Instead, the private donation will be applied directly to project costs and will not come to the County. Therefore, the County's commitment for this project is $100,000 in expenditure authority and $100,000 in general obligation bonds.

The actual dollar amount adopted by the County Board of $104,279,395 is correct and reflects a budget of $100,000 for the Historical Society and not $200,000 as stated ion the County Executive's narrative and fiscal sheet.

This adjustment has no fiscal effect.

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.

DPW Staffing Plan

Staff from the Department of Public Works (DPW) will be used for overall project management. The DPW project manager will be Ivars Zusevics. Specialized consultants may be used for some components of basic planning and design as needed. DPW will work with Uihlein Wilson as the sole source contractor to provide architectural services in the development of plans and specifications for the renovation project.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WO030	Countywide Access Road Improvement Program	
Requesting Department or Agency: Department of Public Works	Functional Group: Other Agencies	
Department Priority:	Person Completing Form: Clare O'Brien	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$907,595				$907,595
2003	$1,637,600				$1,637,600
2004	$1,428,400				$1,428,400
2005	$1,542,000				$1,542,000
2006	$894,000				$894,000
SUBSEQUENT					
TOTAL	$6,409,595				$6,409,595

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$190,045	$1,206,525	$1,396,570
Construction & Implementation		$671,955	$4,295,474	$4,967,429
Right-of-Way Acquisition				
Equipment				
Other		$45,595		$45,595
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges		$170,045	$1,025,587	$1,195,632
Capitalized Interest		$35,595		$35,595
Park Services		$20,000	$120,625	$140,625
Disadv. Business Serv.		$10,000	$60,312	$70,312
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction		$671,955	$4,295,476	$4,967,431
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$907,595	$5,502,000	$6,409,595

Cost Estimates Prepared By	DPW Review By

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$889,800
Airport Reserve	
Investment Earnings	$17,795
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$907,595
Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO030 – Countywide Access Road Improvement Program

An appropriation of $907,595 is budgeted for the Countywide replacement of asphalted roadways and parking lots, including $35,595 in capitalized interest charges. This project is financed by $889,800 in general obligation bonds and $17,795 in investment earnings.

These projects were originally requested by individual departments and have now been consolidated into one project to be managed by the Department of Public Works. This adjustment has been made to achieve potential cost savings as a result of bidding out the various replacement projects together. If these savings are achieved, additional roadways requiring improvement can be completed.

Department	Project Scope	Budget
Behavioral Health	Resurface Road for the F and E building to Watertown Plank Road	$301,389
Behavioral Health	Repave parking lot No. X-33	$87,864
Parks	Parkway Drive Reconstruction - Grant Park (from Fork East to Picnic Area No. 5 and parking lot)	$518,342
	Total	**$907,595**

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.

DPW Staffing Plan

Overall project management will be performed by Department of Public Works staff. The DPW Project Manager is Karl Stave. 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, archeological surveys, soils investigation, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WO104	Fleet Central Garage - Shop Lighting		
Requesting Department or Agency		**Functional Group**	
Fleet Management Division		General Government	
Department Priority	**Person Completing Form**		
3	Darryl Marcoux		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$120,000				$120,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$120,000				$120,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$17,500		$17,500
Construction & Implementation		$101,000		$101,000
Right-of-Way Acquisition				
Equipment				
Other		$1,500		$1,500
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$12,000		$12,000
DPW Charges		$5,500		$5,500
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$1,500		$1,500
Buildings / Structures		$101,000		$101,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$120,000		$120,000

Cost Estimates Prepared By	DPW Review By

Budget Year Financing

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

Project Useful Life (Years)	10

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	N/A
Complete Preliminary Plans	2/02/
Complete Final Plans & Specifications	3/02
Begin Construction	4/02
Complete Construction	6/02
Scheduled Project Closeout	8/02

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO104 – Fleet Central Garage-Shop Lighting

An appropriation of $120,000 is budgeted to replace the lighting at Fleet's central garage. This project is financed by general obligation bonds.

The Fleet Management Division has a Central Garage of approximately 229,164 square feet where it maintains a fleet of approximately 2,400 equipment units. The existing lighting at the Central Fleet facility is original and over 30 years old. The light fixtures have exceeded their useful life and should be replaced. Frequent outages, excessive repair cost and high energy consumption warrant this project. It is expected that the energy cost saving will provide a three-year payback with substantial reduction in electrical utility charges in subsequent years. Project cost is estimated at $120,000.

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.

DPW Staffing Plan

The Department of Public Works' project manager will be Steve Dragosz. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WO105	Fleet Maintenance -Ventilation for Light Duty Repair Section	

Requesting Department or Agency	Functional Group
Fleet Management Division	General Government

Department Priority	Person Completing Form	
4	Darryl Marcoux	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$187,350				$187,350
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$187,350				$187,350

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$26,250		$26,250
Construction & Implementation		$151,500		$151,500
Right-of-Way Acquisition				
Equipment				
Other		$9,600		$9,600
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$18,000		$18,000
DPW Charges		$8,250		$8,250
Capitalized Interest		$7,350		$7,350
Park Services				
Disadv. Business Serv.		$2,250		$2,250
Buildings / Structures		$151,500		$151,500
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$187,350		$187,350

Cost Estimates Prepared By	DPW Review By
	Walter Wilson

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$183,675
Airport Reserve	
Investment Earnings	$3,675
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$187,350
Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	N/A
Complete Preliminary Plans	1/02
Complete Final Plans & Specifications	2/02
Begin Construction	3/02
Complete Construction	4/05
Scheduled Project Closeout	5/02

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO105 – Fleet Maintenance -Ventilation for Light Duty Repair Section

An appropriation of $187,350, including $7,350 in capitalized interest, is budgeted for the installation and purchase of ventilation for the Fleet Management Division's Light Duty Repair Section. This project is financed by $183,675 in general obligation bonds and $3,675 in investment earnings.

The repair section for light duty vehicles has been relocated to another area of Fleet's central facility. This project is needed to help reduce dangerous carbon monoxide and other fumes, gases and exhaust emissions. Better utilization of floor space warrants the need for improved ventilation in order to meet health and safety related air standards. An exhaust/air handling system needs to be installed where none has been before. The carbon monoxide fumes need to be vented away from the service technicians working on the shop floor.

The Fleet Management Division has recently begun using an area of the garage that is currently not ventilated in order to work on light-duty vehicles more efficiently. This arrangement has allowed Fleet to dedicate the main part of the garage to heavy-duty vehicles. Fleet reports that the air quality is poor in the new light-duty section and although it has not been cited for this particular area, Fleet has been cited in the past for other sections of its facility. In response to these citations, Fleet has requested air exchanger replacements under project WO859 – Fleet Facilities Infrastructure Improvements in previous years. There are a total of 15 heating and ventilating units in the facility – nine were budgeted for replacement in the 1997 through 1999 and 2001 capital budgets. However, these new units are not located in the light duty repair section.

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.

DPW Staffing Plan
Department of Public Works staff will be used for overall project management. The DPW Project Manager is Walter Wilson. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WO201	IMSD - Enterprise Server Replacement	

Requesting Department or Agency	Functional Group
Department of Administration	Information Management Services Division

Department Priority	Person Completing Form	
3	Elizabeth Thundercloud	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$400,000				$400,000
2002	$510,000				$510,000
2003	$1,490,000				$1,490,000
2004	$1,702,000				$1,702,000
2005	$1,600,000				$1,600,000
2006	$1,900,000				$1,900,000
SUBSEQUENT					
TOTAL	$7,602,000				$7,602,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$400,000			$400,000
Construction & Implementation			$6,692,000	$6,692,000
Right-of-Way Acquisition				
Equipment		$300,000		$300,000
Other		$210,000		$210,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$400,000		$6,692,000	$7,092,000
DPW Charges				
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings		$300,000		$300,000
Other Expenses		$210,000		$210,000
Total Project Cost	$400,000	$510,000	$6,692,000	$7,602,000

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	$310,000
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$200,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$510,000

Cost Estimates Prepared By	DPW Review By
E. Thundercloud	

Project Useful Life (Years)	5

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$386,433
Total Expenditures to Date	$386,433
Encumbrances	$0
Available Balance	$13,567

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	

WO201 – IMSD - Enterprise Server Replacement

An appropriation of $510,000 is budgeted to replace the hardware ($200,000) and operating system software ($310,000) for the Enterprise Server (mainframe). This project is financed by $310,000 in sales tax revenue and $200,000 in general obligation bonds.

The current Enterprise Server was installed in October of 1997. It was configured to operate at 60 percent of its capacity. Usage began to steadily increase in 1998, and by the middle of 2000 it averaged 94 percent during the first shift and had peak demands of over 100 percent. The current enterprise server continues to operate close to 100 percent of capacity during first shift in 2001, and users frequently experience slow response times.

Along with being fully utilized, the last release of the operating system that can run on the current Enterprise Server will be unsupported by the software vendor after March of 2003. The newer releases of the operating system require a new hardware architectural level set not available on the current Enterprise Server.

During the 2001 budget process, funds of $400,000 were set aside to permit planning and design for a replacement of the current Enterprise Server. The 2002 appropriation of $510,000 will provide hardware and software with increased processing power and enable the existing mainframe systems including CJIS, JIMS, GENESYS and Advantage to continue functioning as needed by users.

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.

<u>IMSD Staffing Plan</u>
IMSD staff will be responsible for project management. The Senior Manager for this project is Deborah Lewis. Specialized consultants will be retained as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WO202	Voice and Data Communications	
Requesting Department or Agency: Department of Administration	Functional Group: Information Management Services Division	
Department Priority: 4	Person Completing Form: Elizabeth Thundercloud	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$112,200				$112,200
2003	$480,000				$480,000
2004	$300,000				$300,000
2005					
2006					
SUBSEQUENT					
TOTAL	$892,200				$892,200

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				
Construction & Implementation				
Right-of-Way Acquisition				
Equipment		$112,200	$741,000	$853,200
Other			$39,000	$39,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges				
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings		$112,200	$741,000	$853,200
Other Expenses			$39,000	$39,000
Total Project Cost		$112,200	$780,000	$892,200

Cost Estimates Prepared By	DPW Review By
E. Thundercloud	

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$112,200
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$112,200
Project Useful Life (Years)	5

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	

WO202 – Voice and Data Communications

An appropriation of $112,200 is budgeted to replace the Courthouse Complex voice mail system due to system traffic overload problems and the inability to fulfill requests from departments for additional voice mail services. This appropriation is financed by general obligation bonds.

The present voice mail system was installed in October 1992 and has grown from an original installation of 750 mailboxes to 1,686 mailboxes today. Calls often do not "bounce" to voice mail due to the number of ports, which is limited by the 286-processor used in the system. Technically, additional mailboxes can still be added, however, the system's call handling capacity cannot be upgraded or expanded beyond the current configuration.

The system can handle 36 simultaneous conversations. At some of the busiest usage hours, all ports are in use up to and exceeding 30 percent of the time. The result, 20 minutes of every busy hour no routine voice mail calls are answered (calls continue to ring). During these busy periods, all existing automated attendant functions ("touch 1 for this, touch 2 for that") give a busy signal. Because of this situation, several departments cannot provide callers with the type of "front-end" answering that an automated attendant service offers. The volume of calls this type of system would send to the voice mail system would cripple service levels on regular voice mail usage. Departments that have requested automated attendant services include the Clerk of Circuit Court Criminal Division, Family Court Commissioner, Register of Deeds and Jury Management. These automated attendant services are projected for future years.

A replacement voice mail system with at least 16 answering phones and 48 line ports is required to provide the Courthouse Complex with reliable voice mail service. The County operates with three voicemail systems - Department of Human Services (includes 12th and Vliet Street building and Schlitz Park), County Grounds (includes Mental Health, Parks and Sheriff) and Courthouse Complex (includes Criminal Justice Center, Courthouse Annex, Safety Building, Wirth Building and City Campus).

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.

IMSD Staffing Plan

IMSD staff will perform project management. The Senior Manager for this project is Deborah Lewis.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WO205	Advantage Capital Projects Module	

Requesting Department or Agency	Functional Group
Department of Administration	Information Management Services Division

Department Priority	Person Completing Form	
5	Elizabeth Thundercloud	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$420,000				$420,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$420,000				$420,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$402,500		$402,500
Construction & Implementation				
Right-of-Way Acquisition				
Equipment				
Other		$17,500		$17,500
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$402,500		$402,500
DPW Charges				
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses		$17,500		$17,500
Total Project Cost		$420,000		$420,000

Cost Estimates Prepared By	DPW Review By
E. Thundercloud	

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	$420,000
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$420,000

Project Useful Life (Years)	10

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO205 – Advantage Capital Projects Module

An appropriation of $420,000 is budgeted to create a capital improvement project-tracking module within the Advantage Financial System and continue consultant services for the testing and development of a capital monitoring database. This appropriation includes $17,500 in IMSD staff costs and is financed by sales tax revenue.

Background

In 1999, the Advantage System was developed to serve as Milwaukee County's financial system as a replacement to the FIRMS system. Since the transition to the new system, there have been several problems experienced with the capital budgeting component related to data loads, capital entries and fiscal monitoring of capital projects. The explanation below describes the problems experienced with the capital budgeting component of the Advantage System and also discusses the development of a database to be used to track the fiscal status of capital projects.

I. Advantage System Issues

1. **Download of the Adopted Budget** – Expenditures - The data transfer of the adopted capital budget from BRASS into Advantage loads unsuccessfully. Consequently, the expenditure data is incorrect and must be manually entered. Revenues - Revenue data is entered manually every year and has not been part of the download from BRASS into Advantage. The system identifies revenue by type (State, local, etc.) on a screen called "Other." However, not all revenue types are represented by a cell and the names of the cells are not standard names utilized by the Budget Office or Accounting. For example, the cell labeled "undistributed revenue" must be used for both Potawatomi and Airport Reserve revenue.

2. **Revenue and Expenditure Entries** – The expenditure and revenue budget must equal each other in Advantage. This creates a problem during the budget carryover process when expenditures may not always equal revenues. The system is configured so that revenues must be budgeted at the project level and expenditures must be budgeted at the subproject level. As a result, over the past two years, revenues have been "plugged" in order to trick the system into recognizing a revenue to expenditure match.

3. **High Level to Low Level Interface** – The fund/org (high) level does not automatically interface with the project/sub-project (low) level. Consequently, these two levels do not balance at year-end and must be tied out manually.

4. **Expenditure and Revenue Reports** – Capital project reports generated by the Advantage System fail to provide accurate numbers with regard to available balance and modified budget for both the revenue and expenditure sides of a capital project. County departments and Department of Administration staff can obtain expenditure, encumbrance and realized revenue numbers but cannot ascertain the available balance of a given capital project through Advantage reports. As a result, departments rely heavily on an internal report maintained by DoA staff to determine modified budget and available balance information.

   In addition, Advantage will not generate a summary report on a project that is carried over unless there has been activity. If there is no activity during a given period, no report is created by the system for departments. This causes problems in the identification of encumbrances that could be liquidated and

WO205 – Advantage Capital Projects Module (contd.)

balances that could be lapsed to the bottom line. As a result, in order to identify possible surpluses, DoA is forced to use an encumbrance report and check line by line to identify which encumbrances can be liquidated.

5. **Carryovers** – During the carryover process it appears as if encumbrances double on the Project Budget Line (PRBL) screen. Although the detail reflecting all expenditures and encumbrances on the Project Transaction Inquiry (PJTI) screen is accurate, the encumbrances are incorrect on the PRBL screen.

6. **Budget** – The budget for a project is maintained for the life of the project in Advantage which is not consistent with the annual budget that is monitored.

7. **PRBL (Project Budget Line) Screen** – The system calculates an available balance that is not correct and is derived by subtracting the billed amount cell from the current budget amount cell displayed on the PRBL screen. Even though the available balance cell displayed on the PRBL screen is accurate, it is not recognized by the system because the system will only recognize the amount derived from the current budget amount minus the billed amount.

II. Proposed Advantage Modifications

In response to the issues experienced with Advantage, the following modifications will be implemented. The purpose of these modifications is to enhance tracking of the capital budget and improve the set-up and maintenance of capital projects.

A. Modify the "Other" window to be keyed by the eight-digit project number and revenue source code. Revenue Source codes to be used on the "Other" window will be identified as parameters on the LDAT parameter window. *This modification will address issue number one above.*

B. Modify the Project Document (PJ). Revenue budget fields will be moved to the sub-project/phase level. *This modification should address part of issue number two with the remainder still being studied.*

C. Modify the Expense Budget (EB) and Revenue Budget (RB) documents to allow entry of the eight-digit project number. This will also allow carryovers and transfers to be entered on one document. *This modification will address issue number three above.*

D. Modify the BRASS Interface Load process. Update the "Other" table with BRASS amounts. Load project revenue budget based on the Revenue Source Code. Load capital budget with eight-digit project number. *This modification will address part of issue number two above.*

E. Create an Expense Budget/Project Window and Revenue Budget/Project window. These windows will have capital budget dollar amounts and actual dollar amounts. The new windows will be established through the EB and RB documents. *This modification will address issue number four above.*

F. Solutions to items 5, 6 and 7 are being developed and will be addressed within the budget amount.

WO205 – Advantage Capital Projects Module (contd.)

III. Capital Monitoring

This project also includes funds to continue the work of a consultant hired to develop an Access database to be used for fiscal monitoring of capital projects. This database would function differently from the proposed modification to the Advantage System in that it would provide the DoA-Fiscal Affairs Division with a check and balance system against Advantage as well as enable staff to manage historical data on capital projects.

For several years, the DoA capital staff has maintained an internal capital monitoring report in Microsoft Excel for use by budget staff as well as County departments. Previously, under FIRMS, this report served as a check to the system and allowed staff to monitor fiscal activity, unspent bonds (for arbitrage purposes) and identify potential surpluses/deficits. This report is now based on data maintained in Advantage and BRASS and organizes this information by capital subproject to generate numbers on available balance, encumbrances, expenditures and realized and unrealized revenue, etc. As in the past, the report also maintains vital historical information on all capital projects.

While the transition from budgeting at the project level in FIRMS to the subproject level in Advantage allowed for detailed tracking, it also required a much greater number of manual entries in the capital monitoring spreadsheet.

As subprojects continued to burgeon and historical information was retained, it made sense to move data formerly maintained in the spreadsheet into a database where data could be easily sorted and entered. In addition, given capital reporting problems within the Advantage System, an Access database was viewed as an interim solution until a more permanent modification could be undertaken. As a result, work was done on the creation of this database intended to organize capital project data found in BRASS and Advantage. This database, after being thoroughly test-run, will replace the Excel spreadsheet.

Unless the Advantage module is undertaken, this capital monitoring database could likely evolve into the sole Countywide-reporting tool for capital.

IV. Benefits to Modifications

A. Immediate access to accurate and thorough capital budget data.

B. Monitoring and identification of unspent bonds, unrealized revenues, potential deficits and surpluses. Given the current system configuration, this data cannot be ascertained in a timely manner and without significant investment of staff time.

C. Efficiency of staff time. A reduction of staff time devoted to data entry, fixing errors and calculating correct actuals will allow more time to be spent on discussions with departments as to the progress of a capital project, analysis and other tasks.

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.

IMSD Staffing Plan
IMSD staff will be responsible for project management. The IMSD Project Manager is Phil Van Dyke.
Specialized consultants will be retained as needed.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WO301	IMSD Technical Infrastructure		
Requesting Department or Agency		Functional Group	
Department of Administration		Information Management Services Division	
Department Priority	Person Completing Form		
2	Elizabeth Thundercloud	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$662,494				$662,494
2002	$500,000				$500,000
2003	$1,200,000				$1,200,000
2004	$1,200,000				$1,200,000
2005	$1,200,000				$1,200,000
2006	$1,200,000				$1,200,000
SUBSEQUENT					
TOTAL	$5,962,494				$5,962,494

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				
Construction & Implementation				
Right-of-Way Acquisition				
Equipment	$662,494	$500,000	$4,000,000	$5,162,494
Other			$800,000	$800,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges				
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings	$662,494	$500,000	$4,000,000	$5,162,494
Other Expenses			$800,000	$800,000
Total Project Cost	$662,494	$500,000	$4,800,000	$5,962,494

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	$49,015
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$450,985
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$500,000

Cost Estimates Prepared By	DPW Review By
E. Thundercloud	

Project Useful Life (Years)	4

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$162,691
Total Expenditures to Date	$162,691
Encumbrances	$97,607
Available Balance	$402,196

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

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO301 – IMSD Technical Infrastructure

An appropriation of $500,000 is budgeted for new and replacement computer equipment. This appropriation is financed by $450,985 in general obligation bonds and $49,015 in sales tax revenue.

During the 2001 budget process, Milwaukee County began an initiative to consolidate purchases of computer equipment. This capital project was initiated to track those equipment purchases. The table on the following pages includes all budgeted computer equipment for 2002.

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.

IMSD Staffing Plan

IMSD staff will be responsible for the deployment of this computer equipment. The Senior Manager for this project is Deborah Lewis.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

SUB-PROJECT	ORG	DEPARTMENT	IMSD STANDARD CATEGORY	DESCRIPTION	NEW / REPLACEMENT	QTY	UNIT COST	TOTAL COST
WO30101	4000	Sheriff	Backup	Tape drive model will be the standard	NEW	1	$3,600	$3,600
WO30101	4000	Sheriff	Connectivity	Cisco catalyst 2948g L3	REPLACEMENT	6	$4,000	$24,000
WO30101	4000	Sheriff	Server	Drive space to prevent down town Maxtor 160 gb network device	REPLACEMENT	1	$9,000	$9,000
WO30101	4000	Sheriff	Server	Replace the NT CIP server	REPLACEMENT	1	$10,000	$10,000
WO30101	4000	Sheriff	Workstations 1	Audio Visual	REPLACEMENT	1	$2,000	$2,000
WO30101	4000	Sheriff	Workstations 2	Laptops	NEW	2	$3,000	$6,000
WO30101	4000	Sheriff	Workstations 3	Forensic High end computer workstation	NEW	1	$6,000	$6,000
Total Sheriff								**$60,600**
WO30102	4500	District Attorney	Printer	OKI Pacemark 441N	REPLACEMENT	1	$3,160	$3,160
Total District Attorney								**$3,160**
WO30103	5081	Architecture, Engineering & Environmental	Connectivity	10 Base for hookup to Airport	NEW	1	$3,000	$3,000
WO30103	5300	Fleet	Connectivity	24 port hub for Airport Fleet	REPLACEMENT	1	$3,000	$3,000
WO30103	5300	Fleet	Connectivity	24 port hub for stock room	REPLACEMENT	2	$3,000	$6,000
WO30103	5300	Fleet	Connectivity	24 port hub for central garage	REPLACEMENT	3	$3,000	$9,000
WO30103	5110	Highway	Monitor1	19"	REPLACEMENT	3	$700	$2,100
WO30103	5083	Transportation, Highway & Fleet	Monitor2	27"	NEW	3	$1,000	$3,000
WO30103	5081	Architecture, Engineering & Environmental	Printer	HP Designjet Color CAD - airport	NEW	2	$1,500	$3,000
WO30103	5801	DPW-Director	Printer	HP4050T	REPLACEMENT	1	$1,700	$1,700
WO30103	5083	Transportation, Highway & Fleet	Workstations1	Personal computers	NEW	5	$2,000	$10,000
WO30103	5110	Highway	Workstations1	Personal computers	REPLACEMENT	3	$2,000	$6,000
WO30103	5300	Fleet	Workstations1	Personal computers w/ 19" monitors	REPLACEMENT	14	$2,000	$28,000
WO30103	5801	DPW-Director	Workstations1	Personal computers	REPLACEMENT	2	$2,000	$4,000
Total DPW								**$78,800**

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

SUB-PROJECT	ORG	DEPARTMENT	IMSD STANDARD CATEGORY	DESCRIPTION	NEW / REPLACEMENT	QTY	UNIT COST	TOTAL COST
WO30104	9500	Zoo	Workstations2	Laptops	REPLACEMENT	1	$3,000	$3,000
WO30104	9500	Zoo	Workstations1	Personal computers	REPLACEMENT	16	$2,000	$32,000
WO30104	9500	Zoo	Workstations1	Personal computers	NEW	4	$2,000	$8,000
Total Zoo								**$43,000**
WO30105	3410	Register of Deeds	Miscellaneous	Installation of servers	NEW	1	$5,000	$5,000
WO30105	3410	Register of Deeds	Server2	Docutrak Data Base Server	NEW	1	$15,100	$15,100
WO30105	3410	Register of Deeds	Server2	Image Gateway Server	NEW	1	$40,000	$40,000
WO30105	3430	Register of Deeds		Public PC Terminal	New	4	$750	$3,000
Total Register of Deeds								**$63,100**
WO30107	8000	Human Services	Workstations1	Workstations	NEW	30	$2,000	$60,000
Total DHS								**$60,000**
WO30111	6556	Mental Health	Server1	9.1 gb hd array special	NEW	2	$8,000	$16,000
Total								**$16,000**
WO30112	7200	Health Related Programs	Workstations2	Laptops Compaq M700, 700 MHZ, 128MB, 10GB hard drive, 24X max variable CD-ROM, 56K modem, Windows 98, 13.0" DSTN display, 10/100 Ethernet Card, Internal modem, and docking station	NEW	1	$3,000	$3,000
WO30112	7200	Health Related Programs	Workstations1	Compaq Deskpro EN, Pentium III processor 733 MHz, 10 GB Hard Drive, 256 MB SD.RAM, 48X max variable CD-ROM. Windows 98 and 10/100 Ethernet Card. BRASS USERS	REPLACEMENT	2	$2,000	$4,000
Total CHRP								**$7,000**

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

SUB-PROJECT	ORG	DEPARTMENT	IMSD STANDARD CATEGORY	DESCRIPTION	NEW / REPLACEMENT	QTY	UNIT COST	TOTAL COST
WO30113	4300	House of Correction	Printer	Dot matrix	REPLACEMENT	2	$1,500	$3,000
Total HOC								**$3,000**
WO30114	1160	IMSD	Security	Security hardware Fluke onetouch	NEW	1	$5,000	$5,000
WO30114	1160	IMSD	Server2	18.2 GB Hard Drives	NEW	30	$600	$18,000
WO30114	1160	IMSD	Server2	Compaq Smart Array 3200 Controllers	NEW	8	$1,450	$11,600
WO30114	1160	IMSD	Server2	I SI Raid Controllers	NEW	20	$525	$10,500
WO30114	1160	IMSD	Server2	Legato Standby Server for Netware	NEW	2	$1,100	$2,200
WO30114	1160	IMSD	Server2	Legato Standby Server for Windows NT	NEW	3	$1,125	$3,375
WO30114	1160	IMSD	File server	Brass System	REPLACEMENT	1	$15,000	$15,000
WO30114	1160	IMSD	Miscellaneous	Laptops	NEW			$5,565
WO30114	1160	IMSD	Miscellaneous	personal computers	NEW/REPLACEMENT			$6,900
Total IMSD								**$78,140**
WO30114	1160	Election Commission	OTHER	3-P Election Scanner	NEW	1	$4,200	$4,200
Total Election Commission								**$4,200**
WO30118	9000	Parks	Workstations2	Laptops	REPLACEMENT	5	$3,000	$15,000
WO30118	9000	Parks	Workstations1	Personal computers w/ 17" monitors	REPLACEMENT	34	$2,000	$68,000
Total Parks								**$83,000**
Grand Total								**$500,000**

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WO858	Fleet Equipment Acquisition		
Requesting Department or Agency: Fleet Management Division		Functional Group: General Government	
Department Priority: 1	Person Completing Form: Darryl Marcoux		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR	$23,382,924	$1,659,824	$194,697		$21,528,403
2001	$5,106,877		$46,308		$5,060,569
2002	$4,794,349	$269,651			$4,524,698
2003	$3,000,000				$3,000,000
2004	$3,000,000				$3,000,000
2005	$3,000,000				$3,000,000
2006	$3,000,000				$3,000,000
SUBSEQUENT					
TOTAL	$45,284,150	$1,929,475	$241,005		$43,113,670

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				
Construction & Implementation	$4,901,600		$12,000,000	$16,901,600
Right-of-Way Acquisition				
Equipment		$4,794,349		$4,794,349
Other	$23,588,201			$23,588,201
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges				
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings	$4,901,600	$4,794,349		$9,695,949
Other Expenses	$23,588,201		$12,000,000	$35,588,201
Total Project Cost	$28,489,801	$4,794,349	$12,000,000	$45,284,150

Cost Estimates Prepared By	DPW Review By

Budget Year Financing

Federal, State and Local Aids	$269,651
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$2,718,698
Airport Reserve	$66,000
Investment Earnings	
PFC Revenue	$1,740,000
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$4,794,349
Project Useful Life (Years)	6

Project Fiscal Status

Prior Years Expenditures	$17,479,605
2000 Expenditures	$1,838,343
2001 Expenditures	$4,186,501
Total Expenditures to Date	$23,504,449
Encumbrances	$1,046,348
Available Balance	$3,939,004

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	N/A
Complete Preliminary Plans	01/02
Complete Final Plans & Specifications	04/02
Begin Construction	N/A
Complete Construction	N/A
Scheduled Project Closeout	NA/

WO858 – Fleet Equipment Acquisition

An appropriation of $4,794,349 is budgeted for new and replacement equipment. This appropriation is financed by $2,718,698 in general obligation bonds, $1,740,000 in Passenger Facility Charge (PFC) revenue, $66,000 from the Airport capital improvement reserve and $269,651 in Federal revenue.

A general overview of the equipment to be purchased by the Department of Public Works - Fleet Management Division is included in the table below. A more detailed listing of the type of equipment and cost is located on the following pages.

Sub-project	Department	Budget
WO85801	General Fleet (includes $338,000 in vehicles for the Sheriff's Department)	$2,880,349
WO85802	House of Correction	$88,000
WO85803	Airport Vehicles	$1,806,000
WO85806	District Attorney (one new vehicle)	$20,000
	Total	**$4,794,349**

The actual equipment purchased in 2002 will be based on the highest priority items identified by Fleet Management in cooperation with the using Departments. New priority codes will be reflected in the equipment detail listing. These codes are **High** for a critical piece, **Medium** for an important piece and **Low** for a standard replacement piece.

A portion of the debt for equipment acquisition costs will be structured over a shorter time period to match the expected useful life of the vehicles and attachments. Debt financing for automobiles and light trucks will be structured over four years instead of the 15.5 years anticipated for other capital improvements.

The 1990 Federal Clean Air Act Amendments require Milwaukee County to comply with mandatory regulations when purchasing or leasing vehicles. Certain percentages of clean fuel vehicles (CFV) to be acquired for the model year and the budget year 2001 must be adhered to in the acquisition plan. A clean fuel vehicle is one that is certified by the manufacturer or converter to meet one of the following Environmental Protection Agency's vehicle emission standards:

Low Emission Vehicle (LEV)
Inherently LEV (ILEV)
Ultra-LEV (ULEV)
Zero Emission Vehicle (ZEV)

DPW Fleet Management will continue a program initiated in 1997 to charge user departments for the actual cost of acquiring and maintaining selected automobiles and light trucks. This program effectively rewards user departments that provide good care for fleet vehicles.

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.

DPW Staffing Plan
The DPW Project Manager is George Torres.

LINE	EQUIP NUMBER	DEPRECIABLE LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	YEAR	EQUIPMENT DESCRIPTION	CHASSIS MAIN UNIT	633 Plow	635 Wing	425 Spreader	Other Attachments/ Equipment	Description of Upgrades	Upgrade Cost	TOTAL BUDGET	Reimbursement Revenue
HIGH = Critical Piece																
Med = Important Piece																
Low = Standard Replacement Piece																
	WO85801 - GENERAL FLEET EQUIPMENT															
	HIGHWAY															
1	106045	6 years	High	5140	Highway-Patrol Sect 4	89	Patrol Truck Flow & Dump w/plow,wing	$ 114,000	$ 12,000	$ 9,000					$ 135,000	
2	106046	6 years	High	5110	Highway-Patrol Sect 1	89	Patrol Truck Flow & Dump w/plow,wing	$ 114,000	$ 12,000	$ 9,000					$ 135,000	
3	106087	6 years	High	5140	Highway-Patrol Sect 4	90	Patrol Truck Flow & Dump w/plow,wing	$ 114,000	$ 12,000	$ 9,000					$ 135,000	
4	106088	6 years	High	5120	Highway-Patrol Sect 2	91	Patrol Truck Flow & Dump w/plow,wing	$ 114,000	$ 12,000	$ 9,000					$ 135,000	
5	112095	12 years	High	5120	Highway-Patrol Sect 2	79	Patrol Truck 4 x 4 w/plow,2 wings,salter	$ 138,000	$ 12,000	$ 18,000	$ 7,000				$ 175,000	
6	112100	12 years	High	5110	Highway-Patrol Sect 1	82	Patrol Truck 4 x 4 w/plow,2 wings,salter	$ 138,000	$ 12,000	$ 18,000	$ 7,000				$ 175,000	
7	118085	9 years	High	5120	Highway-Patrol Sect 2	86	Patrol Truck, tandem, w/right wing,salter	$ 122,000	$ 12,000	$ 9,000	$ 7,000				$ 150,000	
8	203271	12 years	High	5110	Highway-Patrol Sect 1	81	Tractor mowers-Upgrade to 204 Massey	$ 53,500					Larger Unit		$ 53,500	
9	203273	12 years	High	5140	Highway-Patrol Sect 4	86	Tractor mowers-Upgrade to 204 Massey	$ 53,500					Larger Unit		$ 53,500	
10	203242	12 years	High	5160	Highway-Patrol Sect 3	88	Tractor mowers-Upgrade to 204 Massey	$ 53,500					Larger Unit		$ 53,500	
11	203284	12 years	High	5160	Highway-Patrol Sect 3	90	Tractor mowers-Upgrade to 204 Massey	$ 53,500					Larger Unit		$ 53,500	
12	532021	10 years	High	5140	Highway-Patrol Sect 4	87	Asphalt Roller	$ 13,500							$ 13,500	
13	532022	10 years	High	5120	Highway-Patrol Sect 2	87	Asphalt Roller	$ 13,500							$ 13,500	
															$ -	
															$ 1,281,000	
	SHERIFF															
14	150076	3 years	High	4021	Traffic Patrol	91	Squad Car	$ 25,000							$ 25,000	
15	150086	3 years	High	4021	Traffic Patrol	92	Squad Car	$ 25,000							$ 25,000	
16	150089	3 years	High	4021	Traffic Patrol	92	Squad Car	$ 25,000							$ 25,000	
17	150118	3 years	High	4038	Criminal Justice	93	4x2 Club Van	$ 28,000							$ 28,000	
18	150123	3 years	High	4021	Traffic Patrol	94	Squad Car	$ 25,000							$ 25,000	
19	150164	3 years	High	4021	Traffic Patrol	97	Squad Car	$ 25,000							$ 25,000	
20	150169	3 years	High	4021	Traffic Patrol	97	Squad Car	$ 33,000					Tahoe 4 x 4		$ 33,000	
21	150171	3 years	High	4021	Traffic Patrol	97	Squad Car	$ 33,000					Tahoe 4 x 4		$ 33,000	
22	150174	3 years	High	4021	Traffic Patrol	97	Squad Car	$ 30,000					Tahoe 4 x 2		$ 30,000	
23	150194	3 years	High	4021	Traffic Patrol	99	Squad Car	$ 30,000					Tahoe 4 x 2		$ 30,000	
24	150195	3 years	High	4021	Traffic Patrol	99	Squad Car	$ 30,000					Tahoe 4 x 2		$ 30,000	
25	170023	5 years	High	4021	Traffic Patrol	94	Motorcycle/ Harley Davidson	$ 14,500							$ 14,500	Federal
26	170026	5 years	High	4021	Traffic Patrol	94	Motorcycle/ Harley Davidson	$ 14,500							$ 14,500	Revenue
															$ 338,000	$ 269,651
	PARKS															
27	102163	6 years	Med	9125	North Region	92	Pick Up with Crew Cab 4 x 4	$ 25,300	$ 2,700		$ 2,000		multi use	$ 30,000	$ 60,000	
28	102164	6 years	Med	9155	South Region	93	Pick Up with Plow 4 x 4	$ 22,000	$ 2,700		$ 2,000				$ 26,700	
29	102165	6 years	Med	9420	Landscape Services	93	Pick Up with Plow 4 x 4	$ 22,000	$ 2,700		$ 2,000				$ 26,700	
30	104044	6 years	Med	9420	Landscape Services	71	Stake Truck	$ 43,000					Small Loader	$ 10,000	$ 53,000	
31	106350	6 years	Med	9420	Landscape Services	87	Chassis/Aerial	$ 55,000							$ 55,000	
32	203167	12 years	Low	9155	South Region	83	Mower-7 Section	$ 55,000							$ 55,000	
33	203262	12 years	Med	9120	Landscape Services	84	Tractor Mower with Flail	$ 53,000							$ 53,000	
34	203263	12 years	Med	9120	Landscape Services	84	Tractor Mower with Flail	$ 53,000							$ 53,000	
35	552004	10 years	High	9420	Landscape Services	84	Excavator	$ 165,000							$ 165,000	
															$ 547,400	
	AIRPORT															
36	155329	6 years	High	5041	Airport	88	Full size SUV--4 x 4	$ 35,000							$ 35,000	
37	204132	12 years	High	5041	Airport	86	Tractor Mower	$ 52,000							$ 52,000	
															$ 87,000	
	FACILITIES															
38	201119	12 years	High	5702	Facilities	84	Utility Tractor w/plow/Broom/salter	$ 47,000	$ 2,600		$ 3,200	$ 2,700	multi use		$ 55,500	
39	101067	6 years	Med	5702	Facilities	89	Pick Up 4 x 2 with CAP w/plow	$ 24,300	$ 2,700						$ 27,000	

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

HIGH = Critical Piece																
Med = Important Piece																
Low = Standard Replacement Piece																
								CHASSIS	633	635	425	Other	Description			
	EQUIP	DEPRECIABLE	PRIORITY	DEPT	ORGANIZATION		EQUIPMENT	MAIN				Attachments/	of	Upgrade	TOTAL	Reimbursement
LINE	NUMBER	LIFE	CODE	CODE	DESCRIPTION	YEAR	DESCRIPTION	UNIT	Plow	Wing	Spreader	Equipment	Upgrades	Cost	BUDGET	Revenue
40	101058	6 years	Med	5702	Facilities	86	Cube Van Small	$ 31,000							$ 31,000	
41	105038	6 years	Med	5702	Facilities	85	Cube Van-Food Truck	$ 50,000							$ 50,000	
															$ 163,500	
	ZOO															
42	101001	6 years	Med	9523	Zoological Department	86	Pick Up 4 x 2 with plow	$ 20,000							$ 20,000	
43	101476	6 years	Med	9523	Zoological Department	85	Stake Truck 4 x 2 with plow	$ 30,000	$ 2,700				multi use	$ 10,000	$ 42,700	
44	102047	6 years	Med	9523	Zoological Department	88	Pick Up 4 x 4 with plow	$ 23,000	$ 2,700						$ 25,700	
45	104099	6 years	Med	9523	Zoological Department	85	Stake Truck 4 x 2 with plow	$ 30,000	$ 2,700		$ 2,000	$ 4,600	multi use	$ 20,000	$ 59,300	
46	205014	10 years	Med	9523	Zoological Department	83	Small Tractor/Loader	$ 65,000							$ 65,000	
															$ 212,700	
	FLEET MANAGEMENT															
47	101287	6 years	High	5300	Fleet Management	76	Truck Utility 4 x 2 Weld/Service Truck	$ 39,000							$ 39,000	
48	101369	6 years	Med	5300	Fleet Management	80	Cutaway Van 4 x 2 Field Service Truck	$ 45,000							$ 45,000	
49	101370	6 years	High	5300	Fleet Management	80	Cube Van -1 ton Fleet Service Truck	$ 48,449							$ 48,449	
50	101383	6 years	Low	5300	Fleet Management	80	Pick Up 4x2 Tire Truck with Lift Gate	$ 29,300							$ 29,300	
51	102064	6 years	Low	5300	Fleet Management	88	Pick Up 4 x 4 Starter Truck	$ 24,000							$ 24,000	
52	433001	8 years	High	5300	Fleet Management	97	Floor Sweeper	$ 25,000							$ 25,000	
															$ 210,749	
	FLEET POOL															
53	114070	5 years	High	5305	Fleet Management	89	Sedan	$ 20,000							$ 20,000	
54	114504	5 years	High	5303	Fleet Management	92	Sedan	$ 20,000							$ 20,000	
															$ 40,000	
					SUBTOTAL OF WO85801 - GENERAL FLEET EQUIPMENT										$ 2,880,349	
	WO85803 - AIRPORT															
55	106395	6 years	High	5041	GMIA-Administration	94	Runway Sweeper	$ 100,000							$ 100,000	
56	106405	6 years	High	5041	GMIA-Administration	98	Patrol Truck w/plow 10yd Box	$ 118,000	$ 12,000					$ 9,000	$ 139,000	
57	106406	6 years	High	5041	GMIA-Administration	98	Patrol Truck w/plow 10yd Box	$ 109,000	$ 12,000						$ 121,000	
58	121003	15 years	High	5041	GMIA-Administration	93	Emergency Response Unit-Pumper Truck	$ 200,000							$ 200,000	
59	433028	8 years	High	5041	GMIA-Administration	74	Runway Sweeper	$ 100,000							$ 100,000	
60	New	6 years	High	5041	GMIA-Administration		High Speed Brooms	$ 360,000							$ 360,000	
61	New	6 years	High	5041	GMIA-Administration		High Speed Brooms	$ 360,000							$ 360,000	
62	New	6 years	High	5041	GMIA-Administration		High Speed Brooms	$ 360,000							$ 360,000	PFC
							Subtotal Airport PFC								$ 1,740,000	$ 1,740,000
63	New	5 years	High	5041	GMIA-Administration		Full Size Cargo Van	$ 22,000							$ 22,000	
64	New	5 years	High	5041	GMIA-Administration		Full Size Cargo Van	$ 22,000							$ 22,000	Airport
65	New	5 years	High	5041	GMIA-Administration		Mini Van	$ 22,000							$ 22,000	Reserve
							Subtotal Airport Reserve								$ 66,000	$ 66,000
	WO85802 - HOUSE OF CORRECTION															
66	165-236	6 years	Low	4311	HOC Central Admin	89	Transport Bus	$ 88,000							$ 88,000	
							Subtotal for HOC								$ 88,000	
	WO85806 - DISTRICT ATTORNEY															

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

HIGH = Critical Piece																
Med = Important Piece																
Low = Standard Replacement Piece																
LINE	EQUIP NUMBER	DEPRECIABLE LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	YEAR	EQUIPMENT DESCRIPTION	CHASSIS MAIN UNIT	633 Plow	635 Wing	425 Spreader	Other Attachments/ Equipment	Description of Upgrades	Upgrade Cost	TOTAL BUDGET	Reimbursement Revenue
67	New	5 years	Low	4501	District Attorney		Sedan	$ 20,000							$ 20,000	
															$ 20,000	
					GRAND TOTAL										$ 4,794,349	

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WO860	Countywide Handicapped Accessibility Program	

Requesting Department or Agency	Functional Group
Office for Persons with Disabilities	General Government

Department Priority	Person Completing Form	
1	Thomas Van Dalen	November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR	$864,106				$864,106
2001	$100,000				$100,000
2002	$315,600	$36,480			$279,120
2003	$300,000				$300,000
2004	$300,000				$300,000
2005	$300,000				$300,000
2006	$300,000				$300,000
SUBSEQUENT					
TOTAL	$2,479,706	$36,480			$2,443,226

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$48,750	$40,000	$233,400	$322,150
Construction & Implementation	$251,250	$272,100	$966,600	$1,489,950
Right-of-Way Acquisition				
Equipment				
Other	$664,106	$3,500		$667,606
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$10,000	$25,000	$140,050	$175,050
DPW Charges	$38,750	$15,000	$93,350	$147,100
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$3,500		$3,500
Buildings / Structures	$251,250	$272,100	$966,600	$1,489,950
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses	$664,106			$664,106
Total Project Cost	$964,106	$315,600	$1,200,000	$2,479,706

Cost Estimates Prepared By	DPW Review By
Thomas Van Dalen	Walter Wilson

Budget Year Financing

Federal, State and Local Aids	$36,480
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$279,120
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$315,600

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	$735,475
2000 Expenditures	$101,281
2001 Expenditures	$39,529
Total Expenditures to Date	$876,284
Encumbrances	$0
Available Balance	$87,822

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	N/A
Complete Preliminary Plans	04/02
Complete Final Plans & Specifications	04/02
Begin Construction	07/02
Complete Construction	12/02
Scheduled Project Closeout	02/03

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO860 – Countywide Handicapped Accessibility Program

An appropriation of $315,600 is budgeted to provide for facility accessibility requirements in compliance with the Americans with Disabilities Act (ADA) for all County facilities. The appropriation is financed by $279,120 in general obligation bonds and $36,480 in Federal revenue.

The appropriation will be used to complete the highest priority projects established by the Commission on Handicapped and Disabled Persons. These projects include accessibility improvements to various County facilities. The budget would fund the projects listed below:

Courthouse Miscellaneous Alterations (toilet rooms, signage)	$ 60,000
Courthouse Voting Booths	$ 11,500
City Campus Projects - Miscellaneous Alterations (toilet rooms, signage)	$ 90,000
Museum – Closed captioning exhibit film sound track system	$ 8,500
Transit Center Improvements	$ 45,600
Safety Building First Floor Handicap Accessible Restroom Improvements	$ 70,000
General Accessibility – Parking, signage and entrance/exit accessibility	$ 30,000
Total	**$315,600**

The Americans with Disabilities Act (ADA) is a comprehensive anti-discrimination mandate for persons with disabilities, providing civil rights protection comparable to those in force for women and minorities. Title II of the ADA mandates that entities such as the County comply with "program accessibility" requirements after June 26, 1992. This means that a Public entity must ensure that the operation of each service, program and activity is operated, so that each, when viewed in its entirety, is readily accessible to and useable by persons with disabilities. The Act further states that Public entities that employ 50 or more persons and elect to undertake physical changes to their facilities to achieve "program accessibility" must formulate a "transition plan" to accomplish the changes. These changes must be in conformance with the Uniform Federal Accessibility Standards or the ADA Accessibility Guidelines.

For almost two decades, Milwaukee County has made handicapped accessibility improvements to its facilities under the guidelines of the previous Federal Accessibility Law: Section 504 of "The Rehabilitation Act of 1973." These improvements were done in response to two major handicapped accessibility studies conducted on County-wide facilities: The Flad Report was done in 1979 to determine compliance with the requirements of Section 504 of the "Rehabilitation Act of 1973," and The Pfaller, Herbst Report, "Handicapped Building Accessibility Study," was completed in 1984 as an update to the earlier study.

ADA extended modification requirements of the Rehabilitation Act to all public facilities and programs, whether they received Federal assistance or not. In response to this mandate, Milwaukee County's Office for Persons with Disabilities conducted a Countywide evaluation of programs and services accessibility in 1992. This self-evaluation provided additional data on modifications to be added to the original 1984 Countywide study.

These three studies and two decades of ongoing accessibility improvements form the basis for Milwaukee County's continuing efforts to comply with applicable law. The County Commission on Handicapped and Disabled Persons reviewed the modifications recommended in the previous studies and the Countywide "self-evaluations," and determined those considered to be priorities.

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.

WO860 – Countywide Handicapped Accessibility Program (contd.)

DPW Staffing Plan

DPW staff will be used for overall project management. The project manager will be Walter Wilson. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

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2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WO867	Research Park Infrastructure Improvements		
Requesting Department or Agency		**Functional Group**	
Research Park		General Government	
Department Priority	**Person Completing Form**		
3	John Bitz		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR	$1,181,628				$1,181,628
2001	$500,000				$500,000
2002	$220,000				$220,000
2003	$560,000				$560,000
2004	$1,416,500				$1,416,500
2005	$1,153,500				$1,153,500
2006	$300,000				$300,000
SUBSEQUENT					
TOTAL	$5,331,628				$5,331,628

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$121,551	$33,917	$533,837	$689,305
Construction & Implementation	$898,320	$183,333	$2,853,363	$3,935,016
Right-of-Way Acquisition				
Equipment	$75,000			$75,000
Other	$586,757	$2,750	$42,800	$632,307
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$4,500		$234,000	$238,500
DPW Charges	$117,051	$33,917	$299,837	$450,805
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$2,750	$42,800	$45,550
Buildings / Structures	$895,200		$2,728,363	$3,623,563
Land / Land Improvements	$3,120	$183,333	$125,000	$311,453
Roadway Plng & Construction				
Equipment & Furnishings	$75,000			$75,000
Other Expenses	$586,757			$586,757
Total Project Cost	$1,681,628	$220,000	$3,430,000	$5,331,628

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$220,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$220,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
John Bitz/Tom Pritzlaff	Greg High	20

Project Fiscal Status

Prior Years Expenditures	$501,086
2000 Expenditures	$325,398
2001 Expenditures	$351,532
Total Expenditures to Date	$1,178,015
Encumbrances	$18,900
Available Balance	$484,713

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	N/A
Complete Preliminary Plans	05/01
Complete Final Plans & Specifications	08/01
Begin Construction	05/01
Complete Construction	12/01
Scheduled Project Closeout	02/02

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO867 - Research Park Infrastructure Improvements

An appropriation of $220,000 is budgeted in 2002, to be used in continuing a series of building/building site infrastructure improvements at the Muirdale Building on the County Grounds currently being leased from the County by the Milwaukee County Research Park Corporation. These building infrastructure projects were begun by DPW in 1997 as part of a plan to upgrade the facility, providing an environment allowing the Research Park to develop the building into a business incubator, named the Technology Innovation Center. The building improvement plan was developed by the building landlord, DPW Facilities Management, in conjunction with the Research Park Corporation. The project is funded by general obligation bonds.

Since 1997, individual projects previously funded and completed or currently under construction include elevator remodeling, exterior door replacement, drain tile replacement, and building brick tuckpointing.

Projects still to be funded include the northeast parking lot expansion and reconstruction of the north roadway/truck dock area, purchase and installation of an emergency generator, electrical power upgrade, window replacement, air conditioning system replacement, fire alarm system upgrade and installation of an irrigation system.

The appropriation requested for 2002 includes:

North Roadway/Truck Dock Area Reconstruction: This involves reconstruction of the existing concrete roadway bordering the Muirdale facility and includes the truck dock/receiving area at the northwest corner of the building. This is necessitated by the current poor pavement condition and reconfiguration of tenant/visitor vehicle circulation required by additional Research Park land sales and changes to the City of Wauwatosa Fire Department emergency vehicle circulation.

Projected out year costs for the Muirdale building include:

2003: Emergency generator and electrical power upgrade ($220,000), fire alarm system ($100,000) and window replacement and central air conditioning ($240,000)

2004: Second phase of window replacement and central air conditioning ($1,416,500)

2005: Third phase of window replacement and central air conditioning ($1,153,500)

2006: Irrigation system ($50,000), roof repair ($100,000) and parking lot expansion ($150,000)

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.

DPW Staffing Plan

Overall project management will be performed by Department of Public Works staff. The DPW Project Manager will be Karl Stave. 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, archeological surveys, soils investigation, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2001
WO870	County Special Assessments		
Requesting Department or Agency		Functional Group	
Department of Public Works		Transportation Division	
Department Priority	Person Completing Form	Date	
	Benedict C. Eruchalu	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR	$3,431,655				$3,431,655
2001	$350,000				$350,000
2002	$100,000				$100,000
2003	$250,000				$250,000
2004	$250,000				$250,000
2005	$250,000				$250,000
2006	$250,000				$250,000
SUBSEQUENT	$250,000				$250,000
TOTAL	$5,131,655				$5,131,655

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$360,000	$100,000	$1,250,000	$1,710,000
Construction & Implementation	$590,000			$590,000
Right-of-Way Acquisition				
Equipment				
Other	$2,831,655			$2,831,655
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges	$18,943	$5,700	$100,000	$124,643
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements	$590,000			$590,000
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses	$3,172,712	$94,300	$1,150,000	$4,417,012
Total Project Cost	$3,781,655	$100,000	$1,250,000	$5,131,655

Cost Estimates Prepared By	DPW Review By
B.C. Eruchalu	F. V. Abadi

Budget Year Financing

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

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	$2,904,950
2000 Expenditures	$181,780
2001 Expenditures	$231,591
Total Expenditures to Date	$3,318,320
Encumbrances	$0
Available Balance	$463,335

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

WO870 – County Special Assessments

An appropriation of $100,000 is budgeted for special assessments levied on the County by local municipalities. The appropriation is financed by revenue related to billboard leasing at the Zoological Gardens.

Typically, the special assessments are for the installation of improvements such as street pavement, curb and gutter, sidewalks, water main and sewers in lands abutting County lands or facilities.

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.

DPW Staffing Plan
Overall, Department of Public Works staff will perform project management. The DPW Project Manager will be Benedict C. Eruchalu.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WO872	War Memorial Improvements		
Requesting Department or Agency		Functional Group	
War Memorial		General Government	
Department Priority	Person Completing Form		
1	David Drent		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE FEDERAL	STATE	LOCAL/OTHER	NET COUNTY COMMITMENT
PRIOR	$5,253,038				$5,253,038
2001	$180,000				$180,000
2002	$380,000				$380,000
2003	$100,000				$100,000
2004	$250,000				$250,000
2005	$100,000				$100,000
2006	$100,000				$100,000
SUBSEQUENT					
TOTAL	$6,363,038				$6,363,038

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$59,500		$59,500
Construction & Implementation	$5,433,038	$316,000	$550,000	$6,299,038
Right-of-Way Acquisition				
Equipment				
Other		$4,500		$4,500
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$40,000		$40,000
DPW Charges		$19,500		$19,500
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$4,500		$4,500
Buildings / Structures	$5,433,038	$316,000	$550,000	$6,299,038
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$5,433,038	$380,000	$550,000	$6,363,038

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$380,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$380,000

Cost Estimates Prepared By	DPW Review By
David Drent	Ivars Zusevics

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$3,637,153
2000 Expenditures	$1,059,452
2001 Expenditures	$556,441
Total Expenditures to Date	$5,253,046
Encumbrances	$38,379
Available Balance	$141,613

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	N/A
Complete Preliminary Plans	N/A
Complete Final Plans & Specifications	N/A
Begin Construction	3/02
Complete Construction	10/02
Scheduled Project Closeout	10/02

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO872 – War Memorial Improvements

An appropriation of $380,000 is budgeted to replace deteriorating concrete panels comprising the exterior façade of the third and fourth floors in the courtyard of the War Memorial as well as the purchase and installation of exterior lighting at the Charles Allis Art Museum. This appropriation is financed by general obligation bonds.

War Memorial Exterior Façade: An appropriation of $360,000 is budgeted to address significant delamination of concrete on exterior panels located in the courtyard of the War Memorial Center. This problem could result in pieces of concrete falling onto the courtyard below. This condition has worsened since inspection last year due to continuing moisture penetration.

The scope of the project involves extensive removal and replacement of concrete where needed at the perimeter of the third and fourth floors. In addition, the steel reinforcing bar will be cleaned and coated with a chemical treatment to negate the corroding steel. A sealant will be applied to the window perimeters.

Charles Allis Art Museum Lighting: An appropriation of $20,000 is budgeted for exterior lighting of the entrance of the Charles Allis Art Museum as well as the Margaret Rahill Great Hall addition.

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.

DPW Staffing Plan

Overall project management will be performed by DPW staff. The DPW Project Manager will be Ivars Zusevics. 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, archeological surveys, soils investigation, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WO878	Sheriff's Training Academy		
Requesting Department or Agency: Sheriff's Department		Functional Group: General Government	
Department Priority	Person Completing Form		November 14, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$600,000				$600,000
2001	$4,800,000				$4,800,000
2002	$3,500,000				$3,500,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$8,900,000				$8,900,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$907,000			$907,000
Construction & Implementation	$3,551,382			$3,551,382
Right-of-Way Acquisition				
Equipment	$881,618			$881,618
Other	$60,000	$3,500,000		$3,560,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$550,000			$550,000
Professional Services	$79,000			$79,000
DPW Charges	$278,000			$278,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.	$60,000			$60,000
Buildings / Structures	$3,273,913			$3,273,913
Land / Land Improvements	$277,469			$277,469
Roadway Plng & Construction				
Equipment & Furnishings	$881,618			$881,618
Other Expenses		$3,500,000		$3,500,000
Total Project Cost	$5,400,000	$3,500,000		$8,900,000

Cost Estimates Prepared By	DPW Review By

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$3,500,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$3,500,000

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	$106,996
2001 Expenditures	$758,270
Total Expenditures to Date	$865,266
Encumbrances	$1,104,004
Available Balance	$3,430,730

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	October 2001
Complete Construction	October 2002
Scheduled Project Closeout	

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO878 Sheriff's Training Academy

An appropriation of $3,500,000 is budgeted for the third and final year for the Sheriff's Training Academy. This appropriation is financed by general obligation bonds.

An appropriation of $600,000 was budgeted in 2000 for the planning and design of a new training academy for the Sheriff's Department to be located on the west side of South 68th Street, directly south of the recently constructed wing of the House of Correction. The 2001 Adopted Capital Improvements Budget included an appropriation of $4,800,000 for the first phase of construction.

Construction of the academy will be conducted using the Design/Build method. Under this method, the timetable for construction is shorter because it allows the design to occur in tandem with the construction process. According to the Department of Public Works, construction will begin in October 2001 and will be completed in October 2002.

The Milwaukee County Sheriff's Department Training Academy will be capable of serving the needs of the Milwaukee County Sheriff's Department, the Milwaukee County House of Correction, other Milwaukee County agencies requiring classroom space, as well as other metropolitan Milwaukee area law enforcement agencies.

The structure will provide adequate classroom space for all who use it and will be designed for training officers in all aspects of the law enforcement profession, including in-service, recruitment, basic jailer, and on-going specialty training. It will also address many of the shortcomings currently affecting training by:

- Negating the need to maintain or use three separate training areas, which adds to travel time and equipment wear and tear.
- Enhancing training and preventing disruption when two non-compatible types of training are conducted in adjacent common rooms.
- Increasing accessibility to more diverse training of officers that is not currently available.
- Addressing the inevitable conflicts which arise from sharing a public facility which was not designed for law enforcement training.

Total project cost is estimated at $8,900,000. This is a revision from the original estimate of $6,000,000 made in the 2000 budget.

Annual training revenues and savings from current space rental would total approximately $410,000.

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.

DPW Staffing Plan

Department of Public Works staff will be responsible for project management. The project manager will be Ivars Zusevics. Specialized consultants will be retained as needed.

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2002 ADOPTED CAPITAL IMPROVEMENTS

SECTION 16
CAPITAL REDUCTION

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location		4789-2002
WL001	Capital Improvement Expenditure/Bond Financing Reduction		
Requesting Department or Agency: DOA - Fiscal Affairs		Functional Group:	
Department Priority:	Person Completing Form: Clare O'Brien	November 14, 2001	

Capital Project Cost and Reimbursement Revenue By Year

YEAR	APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$5,000,000				$5,000,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$5,000,000				$5,000,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design				
Construction & Implementation				
Right-of-Way Acquisition				
Equipment				
Other		$5,000,000		$5,000,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges				
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses		$5,000,000		$5,000,000
Total Project Cost		$5,000,000		$5,000,000

Cost Estimates Prepared By	DPW Review By

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$5,000,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$5,000,000
Project Useful Life (Years)	

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	

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	N/A
Complete Preliminary Plans	N/A
Complete Final Plans & Specifications	N/A
Begin Construction	N/A
Complete Construction	N/A
Scheduled Project Closeout	N/A

2002 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WL001 – Capital Improvement Expenditure/Bond Financing Reduction

An appropriation of $5,000,000 is budgeted to restore expenditure authority and bond financing removed as part of the overall 2001 Capital Improvements Budget reduction. The reduction was made to establish a level of expenditure appropriations and general obligation bonding that reflected the overall cash flow needs of bond-financed capital projects contained in the Budget.

In order to meet the obligations of the 2001 adopted capital projects, the $5,000,000 must be added to the 2002 general obligation bond issue.

DPW Staffing Plan
No Department of Public Works staffing plan is required.

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