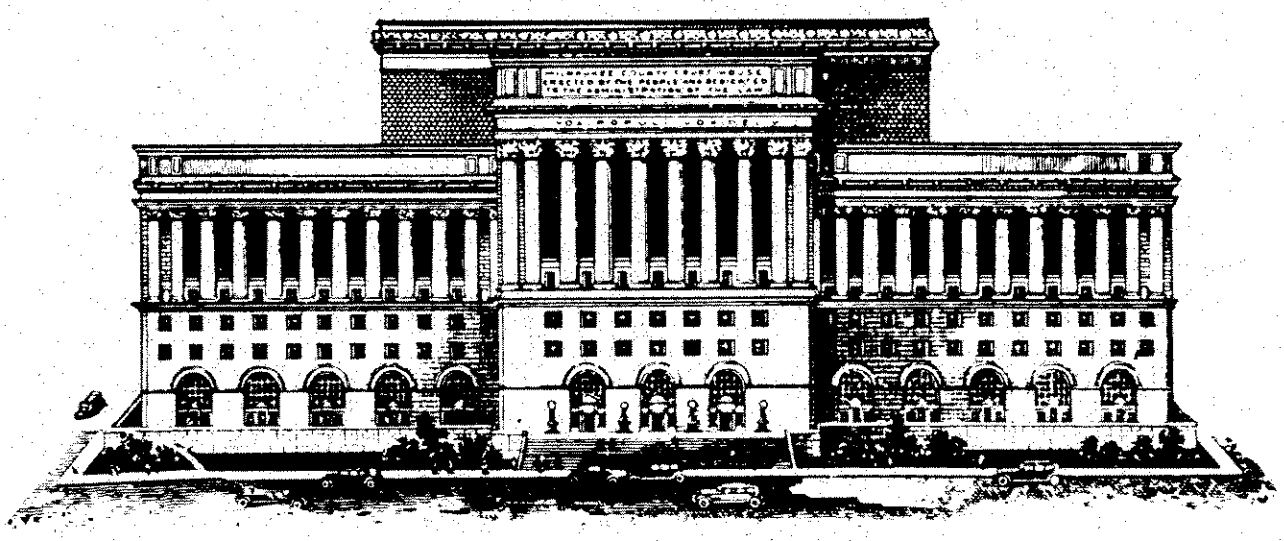
MILWAUKEE COUNTY
EXECUTIVE BUDGET
2002 CAPITAL IMPROVEMENTS



F. Thomas Ament
Milwaukee County Executive

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INTRODUCTION

The 2002 Recommended Capital Improvements Budget includes 84 separate projects for a total expenditure appropriation of $128,393,974. Anticipated reimbursement revenue (Federal, State and local grants) totals $32,541,191 resulting in net County financing of $95,852,783.

Appropriations for 68 corporate purpose (non-airport) projects total $67,399,244 with offsetting reimbursement revenues of $23,051,691. The resulting net county financing of $44,347,553 is to be financed by $39,449,947 in general obligation corporate purpose bonds, $2,137,055 in sales tax revenues, $1,740,000 in Passenger Facility Charges (PFC) revenue, $556,426 in revenue related to billboard leasing at the Zoological Gardens, $350,000 in Potawatomi revenue, $66,000 from the Airport reserve and $48,125 in construction fund investment earnings.

Budgeted expenditure appropriations for 2002 Airport capital improvements total $60,994,730. Airport reimbursement revenue of $9,489,500 results in net County financing of $51,505,230. Net County financing for Airport projects includes $47,188,500 in PFC-backed bonds and $4,316,730 in general airport revenue bonds (GARBs).

Since 1982, all Airport improvement costs not reimbursed by State or Federal agencies have been debt financed using general obligation bonds or financed through pay-as-you-go PFC revenues. 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 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 2001 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 Recommended Expenditure Appropriations by Function

The largest 2002 expenditure category is for Transportation and Public Works-related departments. Budgeted appropriations total $88,843,890. This amount represents approximately 69.2 percent of the total 2002 Recommended Capital Improvements Budget. Major Transportation and Public Works projects include WA006 – GMIA "C" Concourse Gate Expansion ($25,492,000), 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). Thirty-five percent of the cost of Transportation and Public Works projects is offset with reimbursement revenues. Transportation and Public Works-related reimbursement revenues represent $30,768,560 of the $32,541,119 (95 percent) budgeted for 2002.

The functional area receiving the next largest appropriation is Parks, Recreation and Culture. Budgeted appropriations total $16,288,870. This amount represents 12.7 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 $15,123,604. This amount represents 11.8 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 $3,137,610. This amount represents 2.4 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 bonds that was eliminated in the 2001 bond issue.

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 typically may not be used to finance these projects. The 2002 Recommended Capital Improvements Budget does contain some expensed projects (non-capitalized). These projects are financed with sales tax revenue, investment earnings, 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 Recommended Capital Improvements Budget is based on cash flow requirements for multi-year projects. The capital improvement 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 2002 to complete project financing initiated or continued in 2002 or prior years.

PFC Revenues

During 1995, General Mitchell International Airport received authorization to charge a $3 per person Passenger Facility Charge (PFC). The 2002 Recommended Capital Improvement Budget reflects $48,928,500 in pay-as-you-go PFC revenues. The Airport Capital Improvement Budget reflects $47,188,500 from PFC-backed bonds. 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. Expenditure requirements are anticipated for 2002 corporate purpose and Airport bond issues as follows:

<u>2002 Corporate Purpose Bonds</u>

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

<u>2002 Airport Revenue Bonds</u>

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

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

Regulations for Reimbursement Bonds

The Internal Revenue Service (IRS) regulates the issuance of "reimbursement bonds" or bonds issued subsequent to project expenses actually being incurred. Tax-exempt issuers are allowed to pay capital costs out of available cash in anticipation of issuing long-term bond or note financing if certain conditions are met. The County's current practice is to issue capital improvement debt in the spring. Prior to debt issuance, some expenditures may have already occurred for new projects. This practice subjects the County to regulations for reimbursement bonds. The 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. Separate corporate purpose and Airport issues may be required. The timing of these issues has not been finalized but, based on past experience, bonds may be issued in the spring.

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 budget policy is to dedicate County sales and use tax revenues for debt service payments. To the extent sales and use tax revenues are not sufficient, general tax revenues will be used to meet debt service payments.

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 Recommended Capital Improvements Budget includes $96,250 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 $48,125 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 ten-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 is at least 20 percent of net County financed project costs. Net County financing included in the 2002 budget totals $95,852,783 including the Airport. Cash needed to meet the 20 percent financing goal is calculated at $19,170,557. Excluding Airport projects, net County financing totals $44,347,553 of which $4,897,606 is cash, or 11 percent of the total. No cash financing is included for Airport projects for 2002.

Recommended 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 $39,449,947. 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, new County bond needs for 2002 total $34,449,947.

The budgeted debt financing of $39,449,947 represents approximately 59 percent of the total corporate purpose appropriation of $67,399,244. The remaining 41 percent of budgeted corporate purpose appropriations is cash financed or financed from reimbursement revenues. Reimbursement revenues total $23,051,691.

Budgeted debt financing for 2002 will be structured to finance 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-Mental 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 will be 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 Recommended 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.

The 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 County Executive's Recommended 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 proceeding pages of this section contains a summary of selected debt affordability indicators and provides a comparison of 2002 recommended information with prior year information.

Milwaukee County Debt Management and Capital Financing Policy Goals

1. Tax supported debt service costs shall not exceed actual sales and use tax revenues.

2. Cash financing for capital improvements shall provide for a minimum of 20 percent of County financed project costs. [This goal will be implemented over a ten-year period by increasing minimum cash financing by 2.0 percent annually beginning with the 1995 budget.]

3. Direct debt shall not exceed 1.5 percent of equalized property value.

4. Financing terms shall not exceed 16 years 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.

TABLE 4

DEBT AFFORDABILITY INDICATORS

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. Therefore, the minimum cash financing goal for the 2002 Recommended 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	$95,852,783	$4,897,605	5.1%
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. This goal increased minimum cash financing by 2.0 percent annually to 20 percent by 2001. Net County financing included in the 2002 budget totals $95,852,783. Cash needed to meet the 20 percent financing goal is calculated at $19,170,557. Excluding Airport projects, County cash financing of $4,897,606, equals 11 percent of the $44,347,553 net County financing.

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	$54,123,700	$58,621,600	$4,497,900
2001	56,123,700	57,233,900	1,110,200
2000	53,320,802	53,590,000	269,198
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 were earmarked to finance capital improvement appropriations.

Overall projected sales tax revenues exceed debt service for 2002. A change to Section 22.04, Milwaukee County Ordinances is recommended to allow sales tax revenues that exceed debt service costs to be used for general county purposes for 2002. This change is being recommended to allow greater flexibility in the use of this revenue and to recognize the reality that, when actual sales tax revenue received during a given year exceeds budgeted projections, the uncommitted balance goes into the general fund and is used in calculating the following year's tax levy.

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, Revenue Anticipation Promissory Notes 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 Est	$507,427,001	$41,774,112,500	1.21%
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 Est	$507,427,001	939,919	$540
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.

Summary of the 2002 Recommended Capital Improvements
Milwaukee County
September 28, 2001

Project		Project Description	Capitalized Interest	Adopted	Reimbursement Revenue	Net County Financing	Sales Tax Revenues	Investment Earnings	Miscellaneous Revenues	Potawatomi Revenue	PFC/Reserve Revenue	Bonds
		TRANSPORTATION AND PUBLIC WORKS										
		Airports										
WA	006	GMIA - "C" Concourse Gate Expansion - Construction		$ 25,492,000	$ -	$ 25,492,000					$ 23,492,000	$ 2,000,000
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	033	GMIA - Relight Front Ticket Drive		248,000	-	248,000					248,000	-
WA	034	GMIA - Electrical System Upgrade - Airfield		500,000	437,500	62,500					62,500	-
WA	035	GMIA - Elevator Controls Upgrade		840,000	-	840,000					420,000	420,000
WA	036	GMIA - Parking Lot Shelter and Security Upgrade		202,000	-	202,000						202,000
WA	037	LJT - Timmerman Airport Hangar Expansion		966,000	52,000	914,000						914,000
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**	$ -	$ 60,994,730	$ 9,489,500	$ 51,505,230	$ -	$ -	$ -	$ -	$ 47,188,500	$ 4,316,730
		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		70,000	-	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**	$ -	$ 6,788,200	$ 4,260,220	$ 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	$ 88,843,890	$ 30,768,560	$ 58,075,330	$ 360,000	$ 4,955	$ 186,000	$ -	$ 47,188,500	$ 10,335,875

Summary of the 2002 Recommended Capital Improvements
Milwaukee County
September 28, 2001

Requested County Borrowing

Project		Project Description	Capitalized Interest	Adopted	Reimbursement Revenue	Net County Financing	Sales Tax Revenues	Investment Earnings	Miscellaneous Revenues	Potawatomi Revenue	PFC/Reserve Revenue	Bonds
		PARKS, RECREATION AND CULTURE										
		Milwaukee Public Museum										
WM	563	Museum Security Fire/Life Safety System - Planning		189,000	-	189,000						189,000
	WM	Total Milwaukee Public Museum	$ -	$ 189,000	$ -	$ 189,000	$ -	$ -	$ -	$ -	$ -	$ 189,000
		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
WP	015	Washington Park Redevelopment		1,418,000	500,000	918,000						918,000
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		500,000	-	500,000						500,000
WP	024	O'Donnell Park Maintenance		287,500	-	287,500			206,250			81,250
WP	025	Pool Study Implementation (Noyes Pool Planning)		900,000	-	900,000						900,000
WP	028	Pool Demolition		900,000	-	900,000	900,000					-
WP	029	Aquatic Plant Harvesting Equipment		293,000	146,500	146,500						146,500
WP	030	Latino Community Center In-door Soccer Facility		75,000	-	75,000						75,000
WP	406	County-Wide Play Area Redevelopment		250,000	-	250,000						250,000
WP	411	Parks Infrastructure Improvements	-	2,000,000	-	2,000,000	-	-	-	350,000	-	1,650,000
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	$ -	$ 8,787,500	$ 1,356,500	$ 7,431,000	$ 900,000	$ -	$ 206,250	$ 350,000	$ -	$ 5,974,750
		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 Bliffert 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	$ -	$ 16,288,870	$ 1,466,500	$ 14,822,370	$ 900,000	$ -	$ 221,250	$ 350,000	$ -	$ 13,351,120
		HEALTH AND HUMAN SERVICES										
		DHS-Mental 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-Mental 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

Summary of the 2002 Recommended Capital Improvements
Milwaukee County
September 28, 2001

Project		Project Description	Capitalized Interest	Adopted	Reimbursement Revenue	Net County Financing	Sales Tax Revenues	Investment Earnings	Miscellaneous Revenues	Potawatomi Revenue	PFC/Reserve Revenue	Bonds
		Department of Human Services										
WS	005	12th and Vliet Street Building Renovation		$ 1,534,000	$ -	$ 1,534,000						$ 1,534,000
	WS	Total Department of Human Services	$ -	$ 1,534,000	$ -	$ 1,534,000	$ -	$ -	$ -	$ -	$ -	$ 1,534,000
		Total Health and Human Services	$ 26,210	$ 3,137,610	$ -	$ 3,137,610	$ 1,224	$ 13,105	$ 49,176	$ -	$ -	$ 3,074,105
		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	15,715	400,715	-	400,715		7,860				392,855
	WC	Total Courthouse Complex	$ 17,185	$ 688,185	$ -	$ 688,185	$ -	$ 8,595	$ -	$ -	$ -	$ 679,590
		House of Correction										
WJ	004	Smokestack Demolition, Disposal and Site Restoration		$ 102,000	$ -	$ 102,000	$ 102,000					$ -
WJ	005	Water Tower Repair and Painting		-	-	-			-			-
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		175,325	-	175,325	43,831					131,494
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				889,800
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						500,000
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	$ 12,822,419	$ 306,131	$ 12,516,288	$ 773,831	$ 21,470	$ 100,000	$ -	$ 1,806,000	$ 9,814,987
		Total General Government	$ 60,130	$ 15,123,604	$ 306,131	$ 14,817,473	$ 875,831	$ 30,065	$ 100,000	$ -	$ 1,806,000	$ 12,005,577
WL	001	Capital Improvement Expenditure/Bond Financing Reduction	$ -	$ 5,000,000	$ -	$ 5,000,000	$ -	$ -	$ -	$ -	$ -	$ 5,000,000
		Grand Total Capital Improvements	$ 96,250	$ 128,393,974	$ 32,541,191	$ 95,852,783	$ 2,137,055	$ 48,125	$ 556,426	$ 350,000	$ 48,994,500	$ 43,766,677
		Total Excluding Airports	$ 96,250	$ 67,399,244	$ 23,051,691	$ 44,347,553	$ 2,137,055	$ 48,125	$ 556,426	$ 350,000	$ 1,806,000	$ 39,449,947

Summary of the 2002 Recommended Capital Improvements
Milwaukee County
September 28, 2001

Requested County Financing

Project	Project Description	Capitalized Interest	Adopted	Reimbursement Revenue	Net County Financing	Sales Tax Revenues	Investment Earnings	Miscellaneous Revenues	Potawatomi Revenue	PFC/Reserve Revenue	Bonds
	2002 Recommended Capital Improvement Financing								Check of Cash Financing 9.79%		
	Reimbursement Revenue	$ 32,541,191									
	Sales Tax Revenues	2,137,055									
	Investment Earnings	48,125									
	Miscellaneous Revenues	556,426									
	Potawatomi Revenues	350,000									
	Airport Capital Improvement Reserve	66,000									
	PFC Cash Financing	1,740,000									
	PFC-Backed Bonds	47,188,500									
	Airport Revenue Bonds	4,316,730									
	Corporate Purpose Bonds	39,449,947									
	Total 2002 Capital Financing	$ 128,393,974									

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2002 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 1
AIRPORTS

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WA006	GMIA, "C" Concourse Gate Expansion Construction	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	
3	Ken Vick	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$113,458				$113,458
2001	$3,000,000				$3,000,000
2002	$25,492,000				$25,492,000
2003	$11,198,000				$11,198,000
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$39,803,458				$39,803,458

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$3,063,458	$2,322,000	$556,000	$5,941,458
Construction & Implementation		$20,760,000	$7,940,000	$28,700,000
Right-of-Way Acquisition				
Equipment		$2,320,000	$2,657,000	$4,977,000
Other	$50,000	$90,000	$45,000	$185,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$2,753,458	$1,902,000	$356,000	$5,011,458
DPW Charges	$310,000	$420,000	$200,000	$930,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.	$50,000	$90,000	$45,000	$185,000
Buildings / Structures		$20,760,000	$7,940,000	$28,700,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings		$2,320,000	$2,657,000	$4,977,000
Other Expenses				
Total Project Cost	$3,113,458	$25,492,000	$11,198,000	$39,803,458

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	$23,492,000
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$25,492,000

Cost Estimates Prepared By	DPW Review By
Engberg Anderson / Ken Vick	John Bunn

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	$56,102
2000 Expenditures	$81,928
2001 Expenditures	$215,554
Total Expenditures to Date	$353,584
Encumbrances	
Available Balance	$2,759,874

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	7/03
Scheduled Project Closeout	9/03

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA006 - GMIA - C Concourse Gate Expansion Construction

An appropriation of $25,492,000 is budgeted for the "C" Concourse Gate Expansion. The majority of the expansion of the "C" Concourse is eligible for Passenger Facility Charge (PFC) financing. The $2,000,000 concession space renovation is not PFC-eligible. Therefore, of the $25,492,000 requested, an estimated $2,000,000 will be financed by general airport revenue bonds.

The construction of an eight gate expansion of the "C" concourse is expected to be completed in 2003. The expansion, while increasing the number of gates to eight will only be increasing the number of airplane parking positions by six. Appropriations totaling $3,113,458 have been approved for planning and design. To date, a lead consultant has been selected (Engberg Anderson Design Partnership) and a contract has been issued. Construction documents are anticipated to be completed by the end of 2001. Construction will consist of adding natural lighting to the existing concourse, constructing a three gate temporary concourse, purchasing eight new jetbridges, renovating two existing jetbridges, contingencies, and providing the airlines with tenant finish appropriations in order to accomplish the reassignment of airlines to the "C" Concourse. Reassignment of airlines to locations within the airport allows for more effective utilization of airport ticket counter and gate space. Tenant finish appropriations will modify space in the ticketing area and develop operations areas on the "C" Concourse, the "D" Concourse Hammerhead, and the "E" Concourse. Additionally, $250,000 has been included for public art.

Budgeted appropriations for 2002 will be used to construct a temporary concourse, purchase three new jetbridges, and construct a concourse to enclose the structure in 2002. The remainder of the concourse finishes and the majority of the tenant finish appropriations are scheduled for 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

Department of Public Works staff will be used for overall project management. 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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WA009	GMIA - Concession Mall Renovation	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	
11	Ken Vick	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

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

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$20,000		$20,000
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		$20,000		$20,000
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		$780,730		$780,730

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	$780,730
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$780,730

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

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	6/01
Complete Final Plans & Specifications	12/01
Begin Construction	3/02
Complete Construction	12/02
Scheduled Project Closeout	2/03

2002 RECOMMENDED 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 by general airport revenue bonds.

An appropriation of $132,000 was budgeted in 2001 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

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

2002 REQUESTED 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	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	
3	Ken Vick	August 22, 2001

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	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

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

Cost Estimates Prepared By	DPW Review By
Landrum & Brown	Ken Vick

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	$500,000

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

2002 RECOMMENDED 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. 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. A Passenger Facility Charge (PFC) application will be submitted in late 2001 to provide financing for the project although FAA Airport Improvement Program discretionary funding will also be sought.

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

Department of Public Works staff will be used for overall project management. 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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WA033	GMIA - Relight Front Ticket Drive	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	
16	Ken Vick	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$248,000				$248,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$248,000				$248,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$39,000		$39,000
Construction & Implementation		$206,000		$206,000
Right-of-Way Acquisition				
Equipment				
Other		$3,000		$3,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$25,000		$25,000
DPW Charges		$14,000		$14,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$3,000		$3,000
Buildings / Structures		$206,000		$206,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$248,000		$248,000

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	$248,000
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$248,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Leedy & Petzhold	Ken Vick	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	9/02
Scheduled Project Closeout	11/02

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA033 - GMIA – Relight Front Ticket Drive

An appropriation of $248,000 is budgeted for relighting the front ticket drive at General Mitchell International Airport. Financing will be provided from Passenger Facility Charge (PFC) revenue.

In 2000, a new entrance was created to the Airport ticketing building, which was originally constructed in 1984. Along with other architectural changes, the designer utilized new lighting fixtures in the entry, which have brightened the area of the new entrance. The light level in the new entrance measures 40-foot candles while in the existing entrance the light level measure is 20-foot candles. In order to make the entrance light levels consistent, the lighting in the lower light level areas needs to be modified. Additionally, the lighting in the ticket drive area is not adequate (15-foot candles) and consists of metal halide lighting in combination with sodium vapor lighting, which produces a yellowish tint. This project will replace the existing lighting along the entrances to the ticketing area to make it comparable to the new entrance and upgrade the lighting in the drive to a more appropriate level. In addition, because the lighting in the ticket drive area is reflected off the ceiling, which has not been painted since 1984, it will be painted white. According to computer modeling, painting the ceiling white will increase light levels by ten percent.

The project will provide consistent lighting along the sidewalk area at the ticketing entrances and provide enhanced lighting at the drive. The cost of maintenance will be reduced by stocking one type of bulb instead of two different types of bulbs. The newer bulbs also have a longer life and will require replacing less often.

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. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WA034	GMIA - Electrical System Upgrade-Airfield	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	
6	Ken Vick	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By
Tim Kipp	John Bunn

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 RECOMMENDED 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) revenue ($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.

DPW Staffing Plan

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WA035	GMIA, Elevator Controls Upgrade	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	
8	Ken Vick	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$840,000				$840,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$840,000				$840,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$129,500		$129,500
Construction & Implementation				
Right-of-Way Acquisition				
Equipment		$700,000		$700,000
Other		$10,500		$10,500
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$84,000		$84,000
DPW Charges		$45,500		$45,500
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$10,500		$10,500
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings		$700,000		$700,000
Other Expenses				
Total Project Cost		$840,000		$840,000

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	$420,000
Airport Reserve	
Investment Earnings	
PFC Revenue	$420,000
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$840,000

Cost Estimates Prepared By	DPW Review By
Tom Pritzlaff	Ken Vick

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA035 - GMIA – Elevator Controls Upgrade

An appropriation of $840,000 is budgeted to upgrade the elevators at General Mitchell International Airport (GMIA). This project will replace eight existing elevator controls with new digital electronic controls. It is expected that the four terminal-side elevators are eligible for passenger facility charge (PFC) financing, but the elevators located in the parking structure are not eligible. Thus $420,000 will be financed with PFC revenues and $420,000 will be financed from general airport revenue bonds.

Elevators A through H were constructed with the original parking structure in 1978. They 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. 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 as 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.

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. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 RECOMMENDED 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	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

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

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$31,500		$31,500
Construction & Implementation		$168,000		$168,000
Right-of-Way Acquisition				
Equipment				
Other		$2,500		$2,500
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$6,000		$6,000
DPW Charges		$25,500		$25,500
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$2,500		$2,500
Buildings / Structures		$168,000		$168,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$202,000		$202,000

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	$202,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$202,000

Cost Estimates Prepared By	DPW Review By
Tim Kipp	John Bunn

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA036 - GMIA – Parking Lot Shelter and Security Upgrade

An appropriation of $202,000 is budgeted for upgrading the parking lot shelter and security system at General Mitchell International Airport. Financing for the project will be provided from general airport revenue bonds.

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 security cameras are mounted on the roofs of the shelters, and thus the camera coverage and security at the western end of the lot is also diminished. The benefit of the project is more amenable and safer airport employee parking areas.

The project will provide for an additional employee shelter and security camera at the western end of the parking lot. The control cable will be routed to the area of the other cameras and will be fed back to the parking lot operator's control room. The approximate cost for this improvement will be $80,000.

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 phone 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.

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. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WA037	LJT - Timmerman Airport Hangar Expansion	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	
9	Ken Vick	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$966,000		$52,000		$914,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$966,000		$52,000		$914,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$149,000		$149,000
Construction & Implementation		$805,000		$805,000
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		$97,000		$97,000
DPW Charges		$52,000		$52,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.		$12,000		$12,000
Buildings / Structures		$805,000		$805,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$966,000		$966,000

Budget Year Financing

Federal, State and Local Aids	$52,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$914,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$966,000

Cost Estimates Prepared By	DPW Review By
Tim Kipp	John Bunn

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	2/2002
Complete Final Plans & Specifications	5/2002
Begin Construction	6/2002
Complete Construction	11/2002
Scheduled Project Closeout	4/2003

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA037 - LJT – Timmerman Airport Hangar Expansion

An appropriation of $966,000 is budgeted for hangar expansion at Lawrence J. Timmerman Airport. Hangar construction will cost $901,000 and will be financed using general airport revenue bonds. Associated taxilane construction will cost approximately $65,000 and will qualify for 80 percent State of Wisconsin financing of $52,000, with the remainder of $13,000 financed by general airport revenue bonds.

Two small airfields in southeastern Wisconsin are closing including Aero Airport, which is within seven miles of Lawrence J. Timmerman (LJT) Airport. Currently all of the existing hangar spaces at Timmerman Airport are rented. The fixed base operator presently has a waiting list for hangars and believes that Timmerman Field is ideally located to take advantage of the additional hangar shortage that will be created by the airfield closures.

The project will consist of constructing an additional 20 interwoven "T" hangars immediately west of the current hangars adjacent to the fuel farm. In addition, the project is planned to develop two corporate hangars adjacent to the corporate hangars developed four years ago. It is anticipated that both hangar developments will have electrical and gas service. Some apron improvements will also be necessary. The lease area involved with the 20-unit hangar is 40,160 square feet. The lease area involved for the corporate hangars is 13,600 square feet.

The project will serve and promote general aviation at Timmerman Field. Encouraging general aviation to use LJT rather than General Mitchell International Airport, increased land rent and fuel flowage sales are additional benefits 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

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WA038	GMIA - "C" Concourse Gate Taxiway Expansion	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	
4	Ken Vick	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By
Enberg Anderson	Ed Baisch

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WA039	GMIA - Mall Lighting Renovation	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	
14	Ken Vick	09/28/01 -

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By
Quorum Architects	John Bunn

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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) revenue.

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.

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. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 RECOMMENDED 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	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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	Project Useful Life (Years)
Quorum Architects	Ken Vick	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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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) revenue.

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.

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. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WA041	GMIA - "C" Concourse Hydrant Fuel System Construction	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	
5	Ken Vick	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Enberg Anderson/Ken Vick	Ed Baisch/Ken Vick	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

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 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

Department of Public Works staff will be used for overall project management. 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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WA042	GMIA - Baggage Claim Remodeling Design	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	
12	Ken Vick	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By
Enberg Anderson	Ed Baisch

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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.

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. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 RECOMMENDED 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

Capital Project Cost and Reimbursement Revenue By Year

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

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

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Jim Kerr	ken Vick	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	06/03

2002 RECOMMENDED 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 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

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WA308	GMIA - Phase I Mitigation Program	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	
1	Ken Vick	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By
THC	Ken Vick

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$21,953,716
2000 Expenditures	$5,495,959
2001 Expenditures	$2,444,591
Total Expenditures to Date	$29,894,266
Encumbrances	$2,735,185
Available Balance	$13,969,402

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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 funding.

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 reduce 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.

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

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. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

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2002 RECOMMENDED 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	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By
THC	Ken Vick

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	$5,237,605
2000 Expenditures	$1,812,116
2001 Expenditures	$147,339
Total Expenditures to Date	$7,197,060
Encumbrances	$172,426
Available Balance	$8,022,509

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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) funding. 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 2002	St. Stephen's Church	Deleted
MATC Aviation Facility	Scheduled 2002		
St. Stephen's School	Closed, Deleted		

In 2001, construction will be completed for Clement Avenue School. Planning and design for Victory School and Milwaukee Area Technical College will also be completed in 2001.

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. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

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2002 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 2
HIGHWAYS AND BRIDGES

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2001
WH001	Traffic Hazard Elimination Program	

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

Department Priority	Person Completing Form	Date
	Rollin M. Bertran	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

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

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 RECOMMENDED 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 RECOMMENDED 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
		9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

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

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 RECOMMENDED 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 provide funding for 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 provide funding for 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 provide funding for the design phase of this project. Construction would occur in 2004 at an estimated cost of $600,000.

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. (Mac) 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 RECOMMENDED 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
		9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$45,905,015	$13,127,245	$4,693,604	$9,706,396	$18,377,770
2001	$2,855,000	$2,040,000		$255,000	$560,000
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	$60,225,015	$19,062,295	$4,693,604	$12,284,896	$24,184,220

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	$14,935,000	$20,000	$10,657,000	$25,612,000
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	$15,667,716		$10,657,000	$26,324,716
Equipment & Furnishings	$155,000			$155,000
Other Expenses	$25,628,510			$25,628,510
Total Project Cost	$48,760,015	$250,000	$11,215,000	$60,225,015

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

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

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	$31,130,837
2000 Expenditures	$8,971,023
2001 Expenditures	-$152,896
Total Expenditures to Date	$39,948,964
Encumbrances	$2,213,742
Available Balance	$6,597,309

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 RECOMMENDED 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
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.

2002 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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	-$83,819
Total Expenditures to Date	$253,680
Encumbrances	$0
Available Balance	$669,378

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 RECOMMENDED 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 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. (Mac) 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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2001
WH203	Major Rehabilitation - County Trunk Highways	

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

Department Priority	Person Completing Form	Date
	Benedict C. Eruchalu	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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	$70,000				$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	$8,413,360		$2,895,050	$237,500	$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	$70,000	$600,000	$2,023,500
Construction & Implementation	$2,270,000		$2,375,000	$4,645,000
Right-of-Way Acquisition				
Equipment				
Other	$1,744,860			$1,744,860
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	$70,000		$741,000
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction			$2,137,500	$2,137,500
Equipment & Furnishings	$2,270,000			$2,270,000
Other Expenses	$1,744,860			$1,744,860
Total Project Cost	$5,368,360	$70,000	$2,975,000	$8,413,360

Budget Year Financing

Federal, State and Local Aids	
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	$70,000

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

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	$1,326,277
2000 Expenditures	$250,627
2001 Expenditures	$182,495
Total Expenditures to Date	$1,759,399
Encumbrances	$246,401
Available Balance	$3,362,560

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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH203 – Major Rehabilitation – County Trunk Highways

An appropriation of $70,000 is budgeted for the pavement management database for the Major Rehabilitation Program of County Trunk Highways (CTHs). The appropriation is financed by revenue related to billboard leasing at the Zoological Gardens.

This project would continue to utilize 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

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: 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.

2002 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
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

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

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

Project Useful Life (Years)	50

Project Fiscal Status

Prior Years Expenditures	$13,972,885
2000 Expenditures	$238,384
2001 Expenditures	$33,075
Total Expenditures to Date	$14,244,344
Encumbrances	$4,004
Available Balance	$2,404,419

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH205 – Bridge Replacement Program

An appropriation of $2,350,000 is budgeted for this project to be 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 Resolution 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" 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. (Mac) 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 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$150,000			$112,500	$37,500
2001	$146,000			$52,000	$94,000
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	$546,000			$164,500	$381,500

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	$257,256	$20,000	$80,000	$357,256
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	$249,256			$249,256
Equipment & Furnishings		$25,000	$100,000	$125,000
Other Expenses				
Total Project Cost	$296,000	$50,000	$200,000	$546,000

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	$50,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$50,000

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

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$87,799
2000 Expenditures	$67,369
2001 Expenditures	$0
Total Expenditures to Date	$155,168
Encumbrances	$0
Available Balance	$140,832

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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH215 – Traffic Signal Improvements on CTHs

An appropriation of $50,000 is budgeted for a system-wide signal equipment upgrade to be 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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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

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

Department Priority	Person Completing Form	Date
	Benedict C. Eruchalu	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

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

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	$8,737,593
2000 Expenditures	$6,934,590
2001 Expenditures	-$334,509
Total Expenditures to Date	$15,337,674
Encumbrances	$4,638,349
Available Balance	$2,168,977

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 RECOMMENDED 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 would be 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.

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2001
WH225	Culvert Replacement Program - Various Locations	

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

Department Priority	Person Completing Form	Date
	Mahmoud N. Malas	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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	$27,417
Total Expenditures to Date	$124,859
Encumbrances	$2,777
Available Balance	$323,203

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 RECOMMENDED 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 one of the structures described below. The actual structure to be rehabilitated will be determined in the coming year once the Department of Public Works reassesses the structure that is most severely deteriorated:

[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 (Mac) 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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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

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

Department Priority	Person Completing Form	Date
	Mahmoud N. Malas	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

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

Project Useful Life (Years)	50

Project Fiscal Status

Prior Years Expenditures	$1,625,125
2000 Expenditures	$871,423
2001 Expenditures	-$83,964
Total Expenditures to Date	$2,412,584
Encumbrances	$4,266,557
Available Balance	$1,410,859

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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH226 – Bridge Rehabilitation Program

An appropriation of $294,000 is budgeted for this project to be 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

The 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

The 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 (Mac) 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 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 3
MASS TRANSIT

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WT004	Schedule/Runcutting/Operators Extra Board - Phase II	

Requesting Department or Agency	Functional Group
Mass Transit	Transportation

Department Priority	Person Completing Form	
2	Nancy Senn	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
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

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

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

Project Useful Life (Years)	6

Project Fiscal Status

Prior Years Expenditures	$18,110
2000 Expenditures	$65,376
2001 Expenditures	$22,352
Total Expenditures to Date	$105,838
Encumbrances	$21,112
Available Balance	$1,013,050

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 RECOMMENDED 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 Proposal (RFP) specifications are nearing completion, with contract award possible by early January 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 will be 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 Transport Services, Inc. (MTS) staff will handle the planning functions.

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WT010	Bus Replacement Program - Neoplan & Gillig	

Requesting Department or Agency	Functional Group
Mass Transit	Transportation

Department Priority	Person Completing Form	
1	Nancy Senn	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
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

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

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

Project Useful Life (Years)	12

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$7,294,370
Total Expenditures to Date	$7,294,370
Encumbrances	$931,266
Available Balance	$24,364

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 RECOMMENDED 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 will be 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	April-01
	120		
New Flyer 40'	30	2001	March-01
New Flyer 40'	40	2002	March-02
New Flyer 30'	20	2002	March-02
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.

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WT017	Summerfest Staging Area	

Requesting Department or Agency	Functional Group
Mass Transit	Transportation

Department Priority	Person Completing Form	
11	Nancy Senn	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
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
Milwaukee World Festival	R. Rutkowski

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

2002 RECOMMENDED 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 would expand and clearly define the bus loading area and develop a dedicated pedestrian route on Chicago Street. The work would 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 will be 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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WT018	Fiebrantz Complex Renovations	

Requesting Department or Agency	Functional Group
Mass Transit	Transportation

Department Priority	Person Completing Form	
5	Nancy Senn	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Consultant	R. Rutkowski	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 RECOMMENDED 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 will be 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

Bob Swiderski will be the project manager, utilizing Department of Public Works Architectural and Engineering construction and planning staff and outside structural consultants.

2002 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
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

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

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
MTS	R. Rutkowski	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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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 will be 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 Bob Swiderski, Transportation Planning and Programming Division. Milwaukee Transport Services, Inc. (MTS) staff will handle specification development and construction management.

2002 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
MTS	R. Rutkowski	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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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 will be 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 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 4
ENVIRONMENTAL SERVICES

2002 RECOMMENDED 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	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By
Gary Mick	Gary Mick

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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 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

DPW staff will be used for overall project management. 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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WV376	Underground Storage Tank Program - Various Sites	

Requesting Department or Agency	Functional Group
Environmental Services	Transportation

Department Priority	Person Completing Form	
1	Gary Mick	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By
Laura Lamuth	Gary Mick

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	$1,471,486
2000 Expenditures	$10,679
2001 Expenditures	$5,561
Total Expenditures to Date	$1,487,726
Encumbrances	$8,219
Available Balance	$65,541

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 RECOMMENDED 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

Department of Public Works Environmental Services Division 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 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 5
MUSEUM

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WM563	Security/Fire/Life/Safety System - Planning	

Requesting Department or Agency	Functional Group
Milwaukee Public Museum	Parks Recreation and Culture

Department Priority	Person Completing Form	
1	Richard W. Swainston	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$718,885				$718,885
2001					
2002	$189,000				$189,000
2003	$584,000				$584,000
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		$189,000		$189,000
Construction & Implementation			$574,000	$574,000
Right-of-Way Acquisition				
Equipment				
Other			$9,450	$9,450
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$131,600		$131,600
DPW Charges		$57,400		$57,400
Capitalized Interest				
Park Services				
Disadv. Business Serv.			$10,000	$10,000
Buildings / Structures			$574,000	$574,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$189,000	$584,000	$773,000

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	$189,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$189,000

Cost Estimates Prepared By	DPW Review By
Tom Pritzlaff	Walter Wilson

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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WM563 - Security Fire Life Safety System - Planning

An appropriation of $189,000 is budgeted for planning and design 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.

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. Another $584,000 is requested in 2003 for construction. 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
DPW Staff will be used for overall project management. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

2002 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 6
DEPARTMENT OF PARKS, RECREATION & CULTURE

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WP001	Boerner Botanical Gardens Visitor Center	

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

Department Priority	Person Completing Form	
8	Paul D. Hathaway	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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	$178,942
Total Expenditures to Date	$696,800
Encumbrances	$191,098
Available Balance	$8,612,102

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 RECOMMENDED 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 will be 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 its 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)

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 Walter Wilson. 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 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By
DPW	

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$26,092
Total Expenditures to Date	$26,092
Encumbrances	
Available Balance	$533,908

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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 Proposals (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, roadway, 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 RECOMMENDED 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, roadway, 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, roadway, 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.

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 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
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

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

Cost Estimates Prepared By	DPW Review By
GMO	

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$2,011
Total Expenditures to Date	$2,011
Encumbrances	$19,799
Available Balance	$378,190

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	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 RECOMMENDED 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. 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 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$146,000				$146,000
2002	$1,418,000	$500,000			$918,000
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	$500,000			$16,940,000

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

Budget Year Financing

Federal, State and Local Aids	$500,000
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	
G.O. Bonds and Notes	$918,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$1,418,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
DPW/Consultant		20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$4,822
Total Expenditures to Date	$4,822
Encumbrances	
Available Balance	$141,178

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

2002 RECOMMENDED 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 $500,000 in Federal revenue and $918,000 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 made up 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:

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:	$17,294,000

*The Parks Department has applied for a $500,000 Federal Urban Park and Recreation Recovery Program grant for several elements of Phase I such as construction of new paths, reconstruction of existing paths, installation of decorative lighting, construction of a picnic shelter and landscaping improvements.

WP015 – Washington Park Redevelopment (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 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.

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2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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

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

Department Priority	Person Completing Form	
7	Paul D. Hathaway	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

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

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	
Total Expenditures to Date	
Encumbrances	
Available Balance	$839,396

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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP016 – Mitchell Domes Redevelopment – HVAC – Phase II - Planning

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
- Two 16,500 air supply units
- Demolition of fin tube and control valves
- 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
- 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 RECOMMENDED 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	Functional Group
Department of Parks, Recreation & Culture	Parks, Recreation & Culture

Department Priority	Person Completing Form	
4	Paul D. Hathaway	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$300,000				$300,000
2002	$500,000				$500,000
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	$4,300,000				$4,300,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$15,000	$25,000	$175,000	$215,000
Construction & Implementation	$285,000	$475,000	$3,325,000	$4,085,000
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	$15,000	$25,000	$175,000	$215,000
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements	$285,000	$475,000	$3,325,000	$4,085,000
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$300,000	$500,000	$3,500,000	$4,300,000

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	$500,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$500,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
DPW/Parks		20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$153,015
Total Expenditures to Date	$153,015
Encumbrances	$19,053
Available Balance	$127,932

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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

An appropriation of $500,000 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). There is no Department of Public Works staffing plan.

2002 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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		$58,750	$40,000	$98,750
Construction & Implementation		$300,000	$185,000	$485,000
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		$30,000	$29,600	$59,600
DPW Charges		$16,250		$16,250
Capitalized Interest				
Park Services		$12,500	$8,000	$20,500
Disadv. Business Serv.		$3,750	$2,400	$6,150
Buildings / Structures		$300,000	$185,000	$485,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$362,500	$225,000	$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 RECOMMENDED 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 meant 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 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.

An appropriation of $206,250 is budgeted to sandblast and paint handrails and mullions in two O'Donnell Park stairwells.

2002 -	Reconstruct source of leak in women's restroom (capitalized)		$81,250
	Sandblast and paint handrails and mullions in two stairwells (expensed)		$206,250
		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)		$200,000
		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.

DPW Staffing Plan

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), Karl Stave (Engineering Projects) and Paul Hathaway (Parks 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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WP025	Pool Study Implementation (Noyes Pool Planning)	

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

Department Priority	Person Completing Form	
12	Paul D. Hathaway	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP025 – Pool Study Implementation (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 An Aquatic Master Plan 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.

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 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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WP028	Pool Demolition	

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

Department Priority	Person Completing Form	
	Clare O'Brien	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

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

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$173,900		$173,900
Construction & Implementation		$715,000		$715,000
Right-of-Way Acquisition				
Equipment				
Other		$11,100		$11,100
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges		$136,900		$136,900
Capitalized Interest				
Park Services		$37,000		$37,000
Disadv. Business Serv.		$11,100		$11,100
Buildings / Structures				
Land / Land Improvements		$715,000		$715,000
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$900,000		$900,000

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	$900,000
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	$900,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)	0
Tom Pritzlaff	Greg High		

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	5/02
Begin Construction	6/02
Complete Construction	12/02
Scheduled Project Closeout	12/02

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP028 – Pool Demolition

An appropriation of $900,000 is budgeted to demolish the Dineen Park, Madison Park and Grobschmidt Park pools. 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 this past July 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. Three of these pools, recommended for demolition in the 2002 Capital Improvements Budget, are described below:

Dineen Park Pool: Dineen Pool, built in 1966 with a capacity of 1,358, is located at 6901 W. Vienna on Milwaukee's northwest side. The highest attendance over the last ten years was in 1995 when 17,233 swimmers visited the pool for an average daily attendance of 239. The lowest attendance over the same period was in 2000 when only 5,216 swimmers attended. In 2000, the average daily attendance was 72 and the average cost per swimmer was $7.20 with the pool being used only at 5.34 percent of capacity. Over the last ten years, the average yearly cost per swimmer was $7.84 and the attendance was 11.34 percent of capacity. The 2000 Pool Inspection Report compiled by the Department of Public Works lists the overall condition of the pool as fair with a grade of C. However, the report also states that in 2000 the pool lost an average of 90,000 gallons of water daily, nearly 19 percent of the pool capacity. The projected cost to put the pool back into acceptable operating condition is $230,000.

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.

Grobschmidt Pool: Grobschmidt Pool, open in 1966 with a capacity of 854, is located at 2500 16th Avenue in the City of South Milwaukee. The highest season attendance over the last ten years was in 1991 when 14,671 swimmers attended the pool for an average daily attendance of 203. The lowest year's attendance in that same period was 7,061 in 1992, for an average of 98 swimmers per day. The average cost per swimmer in 2000 was $4.73 and the pool was used at 20 percent capacity. The average cost per swimmer for the last decade was $5.56, and the pool was used at a 20 percent capacity at that time. 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 $74,000.

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 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,

WP028 – Pool Demolition (contd.)

material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

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2002 REQUESTED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WP030	Latino Community Center Indoor Soccer Field	

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

Department Priority	Person Completing Form	
	Clare O'Brien	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$75,000				$75,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$75,000				$75,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$75,000		$75,000
Construction & Implementation				
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		$75,000		$75,000
DPW Charges				
Capitalized Interest				
Park Services				
Disadv. Business Serv.				
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$75,000		$75,000

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	$75,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$75,000

Cost Estimates Prepared By	DPW Review By

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP030 – Latino Community Center – Indoor Soccer Field

An appropriation of $75,000 is budgeted for the planning of a new indoor soccer complex for the Latino Community Center, a non-profit recreation and education center serving children and adults on Milwaukee's near south side. This appropriation is financed by general obligation bonds.

In January 2000, the Latino Community Center, 807 South 14th Street, launched after-school academic and recreational programming for residents in the surrounding neighborhoods. Since that time, 2,500 children and adults have enrolled in its programs which include individual academic improvement in a variety of subject areas, folkloric dance, field trips, cheerleading, flag football, volleyball, soccer and basketball. Although the surrounding community is ethnically diverse, Latinos comprise an overwhelming majority of its residents with several thousand Latino children enrolled in nearby public schools.

The new 28,000 square-foot indoor gymnasium/soccer complex will feature multi-purpose spaces that can accommodate middle and high school regulation-size basketball courts, indoor soccer practice areas and a competitive soccer field. Locker and equipment storage areas will also be incorporated into the complex along with a concession area and seating for up to 700 event spectators.

Currently, soccer practice and competitive games occur on scarce outdoor soccer fields during warmer weather months. Many teams, particularly the youth teams, are forced to limit player participation due to this scarcity of space. The availability of a year-round, climate-controlled facility will create opportunities for many more youth and adults to participate in this sport.

It is expected that the indoor soccer facility will be utilized up to 14 hours per day, seven days per week all year for practice and competition. A nominal fee for the use of the soccer areas will be assessed to teams or leagues. Efforts will be made to find sources to offset those fees through grants or private contributions. Those fees, as well as revenue generated by sales in the concession areas within the complex, will help to offset the ongoing operating costs of the complex.

In addition to the recreational activities that will be accommodated by this new structure, the large open space will be available for other community residents and organization needs. The space is expected to be sufficient to hold large-scale neighborhood meetings and many multi-cultural social events including wedding receptions, concerts and coming out parties for 15-year-old girls (quinseneras).

The gymnasium/soccer complex will be connected to the Center's existing 25,000 square-foot structure. The existing structure is being renovated to house six middle school classrooms for the Albert E. Kagel Middle School expansion as part of the Milwaukee Public Schools' Neighborhood Schools Initiative project. The classrooms will be available to Kagel School as leased space and will accommodate two tracks each, one bilingual and one monolingual for the newly created sixth, seventh and eighth grades.

The renovation of the existing building will begin in 2001 in order to complete the middle school rooms in time to accept the first two sixth grade classes in September 2002. Two seventh and eighth grade classes will be added respectively each subsequent year until all six grades are operational.

In addition to this renovation, the construction of the gymnasium/soccer complex must begin in the near future so the facility is available for use by the middle school no later than September 2003. The renovation of the remaining sectors of the existing building will be completed by September 2002 to coincide with the beginning of that school year. Current programming at the center will continue without interruption during renovation; construction activities will be phased to allow for adequate space for all center activities without risk or limitation.

WP030 – Latino Community Center – Indoor Soccer Field (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
A staffing plan for the Department of Public Works is not required.

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2002 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
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

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

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$1,994,100
2000 Expenditures	$767,351
2001 Expenditures	$443,680
Total Expenditures to Date	$3,205,131
Encumbrances	$153,732
Available Balance	$138,262

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 RECOMMENDED 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 it is located in. 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 12 playground areas in the following 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.

DPW Staffing Plan

Basic planning and design and construction management for this project will be performed by the Parks Department Facilities Planning Division staff.

2002 RECOMMENDED 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	
1	Paul D. Hathaway	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

Budget Year Financing

Federal, State and Local Aids	
Non-Cash/ In-Kind Aids	
Sales and Use Tax Revenue	
Property Tax Revenue	
Miscellaneous Revenue	$350,000
G.O. Bonds and Notes	$1,650,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$2,000,000

Cost Estimates Prepared By	DPW Review By
DPW/Parks	

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$24,559,850
2000 Expenditures	$2,395,471
2001 Expenditures	$1,351,401
Total Expenditures to Date	$28,306,722
Encumbrances	$608,014
Available Balance	$1,617,341

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

2002 RECOMMENDED 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 $1,650,000 in general obligation bonds and $350,000 in Potawatomi 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 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), Karl Stave (Engineering Projects), and Paul Hathaway (Park Projects).

2002 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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	$12,002,400		$18,425,593	$30,427,993
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	$12,002,400		$14,292,040	$26,294,440
Roadway Plng & Construction			$1,940,044	$1,940,044
Equipment & Furnishings			$551,469	$551,469
Other Expenses				
Total Project Cost	$16,576,400		$21,318,009	$37,894,409

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	

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	50

Project Fiscal Status

Prior Years Expenditures	$13,529,638
2000 Expenditures	$778,244
2001 Expenditures	$226,463
Total Expenditures to Date	$14,534,345
Encumbrances	$98,604
Available Balance	$1,943,451

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	

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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.

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.

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

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 RECOMMENDED 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	Functional Group
Department of Parks, Recreation & Culture	Parks, Recreation & Culture

Department Priority	Person Completing Form	
11	Paul D. Hathaway	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
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 RECOMMENDED 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.

DPW Staffing Plan

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 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 7
MCKINLEY MARINA

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WP513	McKinley Marina Redevelopment	

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

Department Priority	Person Completing Form	
2	Paul D. Hathaway	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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	$248,700
Total Expenditures to Date	$7,932,818
Encumbrances	$1,135,549
Available Balance	$4,671,748

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 RECOMMENDED 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.

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

2001 - Remove former Coast Guard Station, replace Docks E

WP513 – McKinley Marina Redevelopment (contd.)

	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 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 8
ZOO

2002 RECOMMENDED 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	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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		$1,745,834
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses			$3,168,600	$3,168,600
Total Project Cost	$500,000	$2,000,000	$3,374,000	$5,874,000

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	$2,000,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$2,000,000

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

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$111,991
Total Expenditures to Date	$111,991
Encumbrances	$308,197
Available Balance	$79,812

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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-accredidation 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 is anticipated by 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.

DPW Staffing Plan

DPW Staff will be used for overall project management. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WZ585	Zoo Infrastructure Improvements	

Requesting Department or Agency	Functional Group
Zoological Department	Parks

Department Priority	Person Completing Form	
2	Sue Rand	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$6,105,526				$6,105,526
2001	$1,384,082				$1,384,082
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	$16,600,728		$100,000		$16,500,728

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	$4,605,526	$1,471,475		$6,077,001
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	$6,496,212	$1,459,016	$6,250,000	$14,205,228
Total Project Cost	$7,489,607	$1,611,120	$7,500,000	$16,600,727

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

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Thomas Pritzlaff	Walter Wilson	20

Project Fiscal Status

Prior Years Expenditures	$4,304,341
2000 Expenditures	$886,399
2001 Expenditures	$1,256,526
Total Expenditures to Date	$6,447,266
Encumbrances	$734,929
Available Balance	$307,413

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 RECOMMENDED 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	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.

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

WZ585 - Zoo Infrastructure Improvements (cont'd)

eight feet square. There will be several horizontal logs attached to the vertical posts to serve as ladders to the platforms. Bolts will be used to hold the logs together. The shotcrete currently located where the structures are to be placed requires removal and replacement with a diamond mix soil.

32 **Site Utility Upgrade/Replacement in Lakeview Area ($73,000)** – The Lakeview Area sanitary and storm sewer, catch basins, natural gas, and water utilities require upgrading. Upgrades will include relocating and connecting sanitary and storm sewers and relocating other sanitary sewer and water systems that are connected to the portable carts and the gas main. The electrical system will be upgraded to 300 kilovolt amperes with a new transformer.

33 **Installation of New Marquee (Small) ($72,000)** – The current structure requires replacement due to age and relocation. Relocation is required due to the current signage not being visible from the busy intersection of Highway 100 and Bluemound Road. The Zoo has acquired additional property closer to the intersection since the installation of the original marquee. The new electronic marquee would be located at the intersection.

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

DPW Staff will be used for overall project management. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WZ596	Zoo Bliffert Property Remediation	

Requesting Department or Agency	Functional Group
Zoological Department	Parks

Department Priority	Person Completing Form	
3	Sue Rand	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By
Gary Mick	Gary Mick

Project Useful Life (Years)	50

Project Fiscal Status

Prior Years Expenditures	$4,180,561
2000 Expenditures	$21,418
2001 Expenditures	$14,414
Total Expenditures to Date	$4,216,393
Encumbrances	$45,953
Available Balance	$61,332

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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

Environmental Services Division of the Department of Public Works 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 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 9
DHS - MENTAL HEALTH DIVISION

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WE001	CATC Roof Replacement "E" Building	

Requesting Department or Agency	Functional Group
Mental Health Department	Health and Human Services

Department Priority	Person Completing Form	
6	Dennis Amaturo	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Tom Pritzlaff	Walter L. Wilson	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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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 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

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WE016	Replace Day Hospital Fire Alarm System	

Requesting Department or Agency	Functional Group
Mental Health	Health and Human Services

Department Priority	Person Completing Form	
1	Dennis Amaturo	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By
Tom Pritzlaff	Steve Dragosz

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 RECOMMENDED 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 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

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WE020	Psychiatric Hospital Elevator Lobbies	

Requesting Department or Agency	Functional Group
Mental Health	Health and Human Services

Department Priority	Person Completing Form	
2	Dennis Amaturo	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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	DPW Review By
Tom Pritzlaff	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 RECOMMENDED 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 Mental 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

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WE021	Psychiatric Hospital Outlet Installation	

Requesting Department or Agency	Functional Group
Mental Health	Health and Human Services

Department Priority	Person Completing Form	
3	Dennis Amaturo	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Tom Pritzlaff	Steve Dragosz	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 RECOMMENDED 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 Mental 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

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

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2002 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 10
DPW - COUNTY GROUNDS

2002 REQUESTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WG007	Plank Road School Complex - Demolition	

Requesting Department or Agency	Functional Group
DPW County Grounds	General Government

Department Priority	Person Completing Form	
1	Gary Mick	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
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

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

Cost Estimates Prepared By	DPW Review By
Gary Mick/Tom Pritzlaff	Gary Mick

Project Useful Life (Years)	50

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$14,117
Total Expenditures to Date	$14,117
Encumbrances	
Available Balance	$975,883

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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.

An appropriation of $990,000 was approved in 2001 to remediate hazardous materials and relocate utilities. Most of the hazardous materials have been remediated. Utilities are expected to be relocated by December, 2001.

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.

For 2002, the Plank Road School building, cottages C-1, C-4, C-5, C-6, C-7 and C-8 are to be 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

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

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2002 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 11
DEPARTMENT OF HUMAN SERVICES

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WS005	12th and Vliet Street Building Renovation	

Requesting Department or Agency	Functional Group
Department of Human Services	Health and Human Services

Department Priority	Person Completing Form	
1	Thomas Van Dalen	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$798,956				$798,956
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	$7,124,956				$7,124,956

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	$2,321,456	$1,237,000	$2,005,500	$5,563,956
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	$2,330,231	$1,237,000	$2,005,500	$5,572,731
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings	$150,000	$150,000	$150,000	$450,000
Other Expenses				
Total Project Cost	$3,298,956	$1,534,000	$2,292,000	$7,124,956

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

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Walter Wilson	Greg High	25

Project Fiscal Status

Prior Years Expenditures	$17,775
2000 Expenditures	$40,413
2001 Expenditures	$28,811
Total Expenditures to Date	$86,999
Encumbrances	$626,055
Available Balance	$2,585,902

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 RECOMMENDED 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.

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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WS005 – 12th and Vliet Street Building Renovation (contd.)

Budget Year	Proposed Improvements	Cost
1999	Preliminary Planning and design	$17,500
	Total:	**$17,500**
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:	**$7,124,956**

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.

2002 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 12
COURTHOUSE COMPLEX

2002 RECOMMENDED 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	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By
Thomas Pritzlaff	Greg High

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 RECOMMENDED 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 $36,735 in general obligation bonds and $735 in investment earnings.

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

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WC017	Courthouse Perimeter Security Upgrade - Planning	

Requesting Department or Agency	Functional Group
Courthouse Complex	General Government

Department Priority	Person Completing Form	
	Ivars Zucevics	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
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

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

Cost Estimates Prepared By	DPW Review By
Gary Mick/Tom Pritzlaff	Gary Mick

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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 by general obligation bonds.

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

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WC779	Courthouse Air Conditioning CFC Conversion	

Requesting Department or Agency	Functional Group
Courthouse Complex/Facilities Management	General Government

Department Priority	Person Completing Form	
1	John H. Bitz	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$690,600				$690,600
2001	$437,000				$437,000
2002	$400,715				$400,715
2003	$126,000				$126,000
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$1,654,315				$1,654,315

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$148,500	$38,000	$2,500	$189,000
Construction & Implementation				
Right-of-Way Acquisition				
Equipment	$930,000	$346,000	$123,000	$1,399,000
Other	$49,100	$16,715	$500	$66,315
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services	$83,000	$27,000	$2,500	$112,500
DPW Charges	$65,500	$11,000		$76,500
Capitalized Interest	$39,600	$15,715		$55,315
Park Services				
Disadv. Business Serv.	$9,500	$1,000	$500	$11,000
Buildings / Structures				
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings	$930,000	$346,000	$123,000	$1,399,000
Other Expenses				
Total Project Cost	$1,127,600	$400,715	$126,000	$1,654,315

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	$392,855
Airport Reserve	
Investment Earnings	$7,860
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$400,715

Cost Estimates Prepared By	DPW Review By	
John H. Bitz	Greg High	Project Useful Life (Years) 25

Project Fiscal Status

Prior Years Expenditures	$32,146
2000 Expenditures	$226,932
2001 Expenditures	$353,747
Total Expenditures to Date	$612,825
Encumbrances	$256,715
Available Balance	$258,060

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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WC779 - Courthouse Air Conditioning CFC Conversion

An appropriation of $400,715 is budgeted in 2002 including $15,715 in capitalized interest charges, to continue the replacement of the Courthouse Complex chillers. Financing will be provided from $392,855 in general obligation bonds and $7,860 in investment earnings.

This is the fourth year of a five-year project. The 2002 project cost of $385,000 is for replacement of Chillers in the Safety Building and Community Correction Center/Medical Examiner.

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)	385,000
2003	Rebuild Criminal Justice Center Chillers at cost of $63,000 each	126,000
	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

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

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2002 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 13
HOUSE OF CORRECTION

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WJ004	Smokestack Demolition, Disposal and Site Restoration	

Requesting Department or Agency	Functional Group
House of Correction	General Government - Public Safety

Department Priority	Person Completing Form	
1	David Lehmann	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By
Tom Pritzlaff	Greg High

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WJ004 - Smoke Stack 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

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WJ014	HOC Infrastructure Improvements	

Requesting Department or Agency	Functional Group
House of Correction	General Government - Public Safety

Department Priority	Person Completing Form	
6	David L. Lehmann	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$200,000				$200,000
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	$1,305,000				$1,305,000

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

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

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Tom Pritzlaff	Greg High	10

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$440
Total Expenditures to Date	$440
Encumbrances	$27,451
Available Balance	$172,109

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 RECOMMENDED 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 $50,000 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

DPW Staff will be used for overall project management. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WJ015	Industries Building	

Requesting Department or Agency	Functional Group
House of Correction	General Government - Public Safety

Department Priority	Person Completing Form	
5	David Lehmann	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$378,000				$378,000
2002	$750,000				$750,000
2003	$750,000				$750,000
2004					
2005					
2006	$800,000				$800,000
SUBSEQUENT					
TOTAL	$2,678,000				$2,678,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$110,775	$158,474	$327,513	$596,762
Construction & Implementation	$259,000	$578,676	$1,195,931	$2,033,607
Right-of-Way Acquisition				
Equipment				
Other	$8,225	$12,850	$26,555	$47,630
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	$110,775	$55,680	$327,513	$493,968
Capitalized Interest				
Park Services				
Disadv. Business Serv.	$8,225	$12,850	$26,555	$47,630
Buildings / Structures	$209,000	$578,676	$1,195,932	$1,983,608
Land / Land Improvements	$50,000			$50,000
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$378,000	$750,000	$1,550,000	$2,678,000

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	$750,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$750,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Tom Pritzlaff	Greg High	30

Project Fiscal Status

Prior Years Expenditures	$0
2000 Expenditures	$0
2001 Expenditures	$6,495
Total Expenditures to Date	$6,495
Encumbrances	$14,321
Available Balance	$357,184

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

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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 $360,000 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 be 8,500 square feet and 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

DPW Staff will be used for overall project management. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WJ020	Stairwell Cameras	

Requesting Department or Agency	Functional Group
House of Correction	General Government - Public Safety

Department Priority	Person Completing Form	
2	David L. Lehmann	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Tom Pritzlaff	Greg High	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	

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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

DPW Staff will be used for overall project management. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WJ803	ACC Security Fence Replacement	
Requesting Department or Agency: House of Correction	Functional Group: General Government - Public Safety	
Department Priority: 4	Person Completing Form: David Lehmann	09/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001	$468,000				$468,000
2002	$510,000				$510,000
2003					
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$978,000				$978,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2002 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design		$78,625		$78,625
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		$51,000		$51,000
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		$510,000		$510,000

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	$510,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$510,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Tom Pritzlaff	Greg High	30

Project Fiscal Status

Prior Years Expenditures	$0
2000 Expenditures	$0
2001 Expenditures	$1,983
Total Expenditures to Date	$1,983
Encumbrances	
Available Balance	$466,017

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 RECOMMENDED 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 $465,000 were transferred from the ACC Security Fence Replacement capital 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 expansion. 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

DPW Staff will be used for overall project management. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

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2002 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 14
OTHER COUNTY AGENCIES

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WO010	County Web, Internet and Electronic Commerce Development	

Requesting Department or Agency	Functional Group
Department of Administration	Information Management Services Division

Department Priority	Person Completing Form	
1	Elizabeth Thundercloud	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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	$480,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$480,000

Cost Estimates Prepared By	DPW Review By
E. Thundercloud	

Project Useful Life (Years)	5

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$524,413
Total Expenditures to Date	$524,413
Encumbrances	$82,280
Available Balance	$469,547

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 RECOMMENDED 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 general obligation bonds.

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

Phase Two of this project will provide applications for citizens to conduct the following activities on-line: complete job applications; request copies of birth, death and marriage certificates; and apply for 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.

IMSD Staffing Plan

Overall project management will be performed by IMSD staff. The project manager will be Carole Trimmer, IMSD Services Manager.

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WO021	Milwaukee County Public Art Program	

Requesting Department or Agency	Functional Group
DOA - Fiscal Affairs	General Government

Department Priority	Person Completing Form	
	Clare O'Brien	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$100,000				$100,000
2001	$294,000				$294,000
2002	$175,325				$175,325
2003	$400,000				$400,000
2004	$400,000				$400,000
2005	$400,000				$400,000
2006	$400,000				$400,000
SUBSEQUENT					
TOTAL	$2,169,325				$2,169,325

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	$131,494	$1,200,000	$1,675,494
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	$131,494	$1,200,000	$1,675,494
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$394,000	$175,325	$1,600,000	$2,169,325

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	$131,494
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$175,325

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	$7,500
2001 Expenditures	$16,054
Total Expenditures to Date	$23,554
Encumbrances	$102,246
Available Balance	$268,200

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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO021 – Milwaukee County Public Art Program

An appropriation of $175,325 is budgeted for the public art program. This project is financed by $131,493 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 $175,325.

In addition, there is $257,730 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 WA006 – GMIA C Concourse Gate Expansion, or approximately $250,000, and one percent of the construction costs for project WA009 – GMIA Concession Mall Renovation, or approximately $7,730. These projects adhere 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 fund 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.

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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
WO878	Sheriff's Training Academy	$3,500,000	$35,000
WH205	Bridge Replacement Program	$2,350,000	$23,500
WH222	Good Hope Road Reconstruction	$2,254,200	$22,542
	Total	**$17,532,450**	**$175,325**

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.

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2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WO029	Milwaukee County Historical Society Renovation	

Requesting Department or Agency	Functional Group
Milwaukee County Historical Society	General Government

Department Priority	Person Completing Form	
		9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR					
2001					
2002	$200,000			$100,000	$100,000
2003	$6,010,080			$3,405,040	$2,605,040
2004					
2005					
2006					
SUBSEQUENT					
TOTAL	$6,210,080			$3,505,040	$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		$200,000	$875,080	$1,075,080
Construction & Implementation			$4,335,000	$4,335,000
Right-of-Way Acquisition				
Equipment				
Other			$800,000	$800,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services		$190,000	$538,280	$728,280
DPW Charges		$10,000	$271,775	$281,775
Capitalized Interest				
Park Services				
Disadv. Business Serv.			$65,025	$65,025
Buildings / Structures			$4,335,000	$4,335,000
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses			$800,000	$800,000
Total Project Cost		$200,000	$6,010,080	$6,210,080

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	$100,000
Airport Reserve	
Investment Earnings	
PFC Revenue	
Gifts & Cash Contributions	
Other Revenue	
Total Budget Year Financing	$200,000

Cost Estimates Prepared By	DPW Review By
	Ivars Zusevics

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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO029 – Milwaukee County Historical Society Renovation

An appropriation of $200,000 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 private funding and $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.

Based upon these design and cost estimates, the Milwaukee County Historical Society has requested $2,705,080 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 $2,605,080 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.

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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.)

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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WO030	Countywide Access Road Improvement Program	

Requesting Department or Agency	Functional Group
Department of Public Works	Other Agencies

Department Priority	Person Completing Form	
	Clare O'Brien	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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		$707,550	$4,295,474	$5,003,024
Right-of-Way Acquisition				
Equipment				
Other		$10,000		$10,000
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				
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		$707,550	$4,295,476	$5,003,026
Equipment & Furnishings				
Other Expenses				
Total Project Cost		$907,595	$5,502,000	$6,409,595

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

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

2002 RECOMMENDED 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
Mental Health	Resurface Road for the F and E building to Watertown Plank Road	$301,389
Mental 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. 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 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By

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 RECOMMENDED 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

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

2002 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

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	1/02
Complete Final Plans & Specifications	2/02
Begin Construction	3/02
Complete Construction	4/05
Scheduled Project Closeout	5/02

2002 RECOMMENDED 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 Fleet'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 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. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2002 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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	$245,885
Total Expenditures to Date	$245,885
Encumbrances	$15,523
Available Balance	$138,592

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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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 were set aside to permit planning and design for a replacement of the current Enterprise Server. The $510,000 appropriation 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.

IMSD Staffing Plan

IMSD staff will be responsible for project management. Specialized consultants will be retained as needed.

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WO202	Voice and Data Communications	

Requesting Department or Agency	Functional Group
Department of Administration	Information Management Services Division

Department Priority	Person Completing Form	
4	Elizabeth Thundercloud	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By
E. Thundercloud	

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	

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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), Grounds (includes Mental Health, Parks and Sheriff) and Courthouse (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.

2002 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By
E. Thundercloud	

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 RECOMMENDED 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 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. Specialized consultants will be retained as needed.

2002 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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	
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

Cost Estimates Prepared By	DPW Review By
E. Thundercloud	

Project Useful Life (Years)	4

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	
2001 Expenditures	$131,611
Total Expenditures to Date	$131,611
Encumbrances	$177,831
Available Balance	$353,052

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 RECOMMENDED 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 general obligation bonds.

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.

2002 RECOMMENDED 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**
WO30104	9500	Zoo	workstations2	Laptops	REPLACEMENT	1	$3,000	$3,000
WO30104	9500	Zoo	workstations1	personal computers	REPLACEMENT	16	$2,000	$32,000

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

SUB-PROJECT	ORG	DEPARTMENT	IMSD STANDARD CATEGORY	DESCRIPTION	NEW / REPLACEMENT	QTY	UNIT COST	TOTAL COST
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**
WO30113	4300	House of Correction	printer	dot matrix	REPLACEMENT	2	$1,500	$3,000
Total HOC								**$3,000**

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

SUB-PROJECT	ORG	DEPARTMENT	IMSD STANDARD CATEGORY	DESCRIPTION	NEW / REPLACEMENT	QTY	UNIT COST	TOTAL COST
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		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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WO858	Fleet Equipment Acquisition	

Requesting Department or Agency	Functional Group
Fleet Management Division	General Government

Department Priority	Person Completing Form	
1	Darryl Marcoux	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$23,580,201	$1,659,824	$194,697		$21,725,680
2001	$4,901,600				$4,901,600
2002	$4,794,349	$269,651			$4,524,698
2003	$3,300,000				$3,300,000
2004	$3,450,000				$3,450,000
2005	$3,600,000				$3,600,000
2006	$3,750,000				$3,750,000
SUBSEQUENT					
TOTAL	$47,376,150	$1,929,475	$194,697		$45,251,978

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		$14,100,000	$19,001,600
Right-of-Way Acquisition				
Equipment		$4,794,349		$4,794,349
Other	$23,580,201			$23,580,201
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	$23,580,201		$14,100,000	$37,680,201
Total Project Cost	$28,481,801	$4,794,349	$14,100,000	$47,376,150

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

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	6

Project Fiscal Status

Prior Years Expenditures	$17,479,605
2000 Expenditures	$1,838,343
2001 Expenditures	$2,946,916
Total Expenditures to Date	$22,264,864
Encumbrances	$2,984,435
Available Balance	$3,232,502

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/

2002 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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
No Department of Public Works staffing plan is required.

YEAR 2002 BUDGET-FLEET EQUIPMENT ACQUISITIONS
WO858-DETAIL LIST

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
	WO85801 - GENERAL FLEET EQUIPMENT															
	HIGHWAY															
1	106045	6 years	High	5140	Highway-Patrol Sect 4	89	Patrol Truck Plow & 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 Plow & 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 Plow & 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 Plow & 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	150088	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	101087	6 years	Med	5702	Facilities	89	Pick Up 4 x 2 with CAP w/plow	$ 24,300	$ 2,700						$ 27,000	
40	101058	6 years	Med	5702	Facilities	88	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	

YEAR 2002 BUDGET-FLEET EQUIPMENT ACQUISITIONS

WO858-DETAIL LIST

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
	ZOO															
42	101001	6 years	Med	9523	Zoological Department	86	Pick Up 4 x 2 with plow	$ 20,000							$ 20,000	
43	101478	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															
67	New	5 years	Low	4501	District Attorney		Sedan	$ 20,000							$ 20,000	
															$ 20,000	
					GRAND TOTAL										$ 4,794,349	

2002 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
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

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

Cost Estimates Prepared By	DPW Review By
Thomas Van Dalen	Walter Wilson

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	$735,475
2000 Expenditures	$101,281
2001 Expenditures	$24,850
Total Expenditures to Date	$861,606
Encumbrances	$15,321
Available Balance	$87,179

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 RECOMMENDED 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 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
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)	20
John Bitz/Tom Pritzlaff	Greg High		

Project Fiscal Status

Prior Years Expenditures	$501,086
2000 Expenditures	$325,398
2001 Expenditures	$92,319
Total Expenditures to Date	$918,803
Encumbrances	$246,825
Available Balance	$516,000

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	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 RECOMMENDED 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 in by DPW in 1997 as a 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, 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 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 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$3,431,653				$3,431,653
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	$5,131,653				$5,131,653

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	$2,831,653			$2,831,653
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2002 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees				
Professional Services				
DPW Charges	$18,941	$5,700	$100,000	$124,641
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	$3,781,653	$100,000	$1,250,000	$5,131,653

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

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
B.C. Eruchalu	F. V. Abadi	25

Project Fiscal Status

Prior Years Expenditures	$2,904,950
2000 Expenditures	$181,780
2001 Expenditures	$149,173
Total Expenditures to Date	$3,235,903
Encumbrances	$217
Available Balance	$545,534

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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

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 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$5,253,039				$5,253,039
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	$6,363,039				$6,363,039

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	$5,433,039	$316,000	$550,000	$6,299,039
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	$5,433,039	$316,000	$550,000	$6,299,039
Land / Land Improvements				
Roadway Plng & Construction				
Equipment & Furnishings				
Other Expenses				
Total Project Cost	$5,433,039	$380,000	$550,000	$6,363,039

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	$377,463
Total Expenditures to Date	$5,074,068
Encumbrances	$65,500
Available Balance	$293,471

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

2002 RECOMMENDED 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 install 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 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	4789-2002
WO878	Sheriff's Training Academy	

Requesting Department or Agency	Functional Group
Sheriff's Department	General Government

Department Priority	Person Completing Form	
		9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	
2000 Expenditures	$106,996
2001 Expenditures	$247,443
Total Expenditures to Date	$354,439
Encumbrances	$69,195
Available Balance	$4,976,366

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 RECOMMENDED 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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FIVE YEAR CAPITAL IMPROVEMENTS PROGRAM
2002 to 2006

2002 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 15
CAPITAL REDUCTION

2002 RECOMMENDED 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	9/28/01

Capital Project Cost and Reimbursement Revenue By Year

YEAR	RECOMMENDED	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

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

Cost Estimates Prepared By	DPW Review By	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 RECOMMENDED 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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