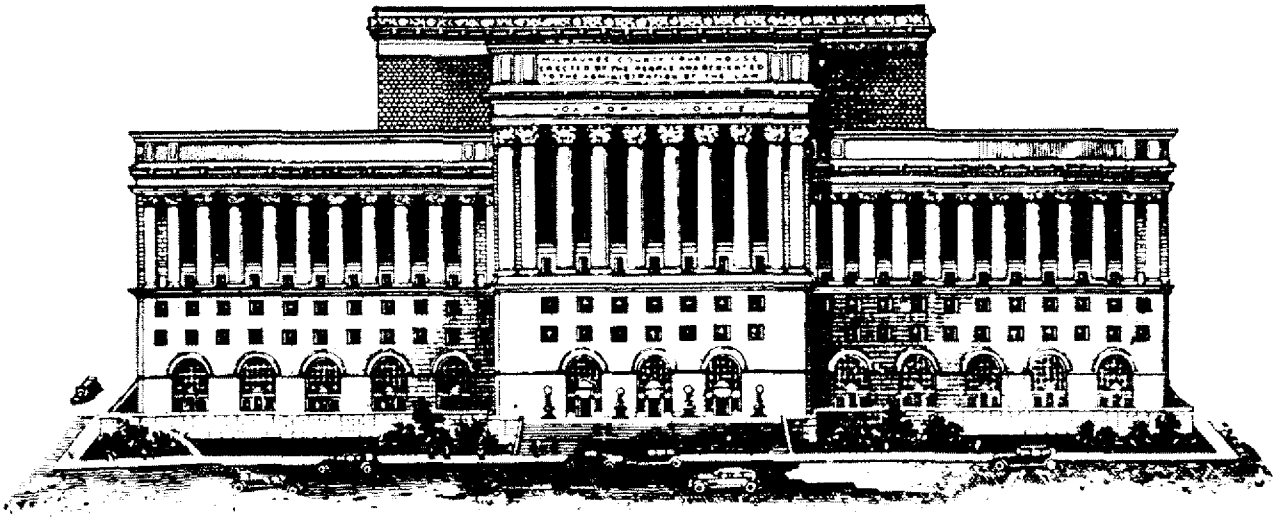
MILWAUKEE COUNTY
EXECUTIVE BUDGET
2000 CAPITAL IMPROVEMENTS



F. Thomas Ament
Milwaukee County Executive

TABLE OF CONTENTS

Table of Contents 1

Summary of 2000 Recommended Capital Improvements 5

Introduction 9

Debt Affordability Indicators 15

Section 1 Airports (WA) 21

WA010 GMIA-Remodel "E" Concourse Restrooms 22
WA011 GMIA-Pavement Replacement Taxiway "A" and "A3" 24
WA012 GMIA-Reconstruct Perimeter Road 26
WA013 GMIA-Pavement Replacement Runway 7R/25L 28
WA014 GMIA-Terminal Apron Joint Repair 30
WA015 GMIA-Land and Hold Short Lighting (LAHSO) 1L/19R 32
WA016 GMIA-Sealcoating Runway 7L/25R, 13/31, Taxiways 34
WA308 GMIA-Phase 1 Mitigation Program 36
WA325 GMIA-New Parking Facilities 38
WA332 GMIA-School/Church Sound Insulation 40

Section 2 Highways and Bridges (WH) 43

WH201 County Trunk Highway Program 44
WH202 Sixth Street Viaduct Replacement 48
WH203 Major Rehabilitation-County Trunk Highway 50
WH216 Traffic Signal Equipment and Software Upgrade 52
WH222 National Highway System – West Rawson Avenue 56
WH224 Signal Improvements-86th and Good Hope Road 58

Section 3 Mass Transit (WT) 61

WT006 Bus Vacuum System 62
WT007 Trolley Buses (10 Total) 64
WT257 Bus Replacement Program (120 Total) 66
WT262 Automatic Passenger Counters 68

Section 4 Environmental Services (WV) 71

WV004 LJT Drainage Embankment 72
WV376 UST Program/Old Coast Guard Property 74
WV378 Nonpoint Source Pollution Control Program/Wisconsin Avenue Lagoon 76
WV382 Winnebago Sealman Block Clean-up 78

Section 5 Department of Parks, Recreation & Culture (WP) 81

WP001 Boerner Botanical Visitor Center 82
WP003 Lincoln Memorial Drive Reconstruction 86
WP402 O'Donnell Sheet Piling Repair 88
WP406 Countywide Play Area Redevelopment Program 92
WP411 Parks Infrastructure Improvements 96
WP451 Mitchell Boulevard Improvements 100
WP458 Bike Trail Development 102

TABLE OF CONTENTS

Section 6 McKinley Marina (WP) 105

WP511 McKinley Marina Administration Building 106

Section 7 Zoo (WZ) 109

WZ006 Ice Cream Palace Renovation 110
WZ008 Point of Sale Replacement 112
WZ578 Karibu Gift Shop Renovation 114
WZ585 Zoo Infrastructure Improvements 116
WZ590 Lakeview Concession Stand Renovation 122
WZ596 Environmental Remediation-Bliffert Property 124

Section 8 DHS - Mental Health Division (WE) 127

WE001 Replace Roof CATC-D Building 128
WE012 Replace Day Hospital Elevator 130

Section 9 DPW County Grounds (WG) 133

WG703 Demolition of Doyne Hospital 134
WG724 North Avenue Water Main 136

Section 10 Department of Human Services (WS) 139

WS001 Soundproof Detention Pods 140
WS005 Vliet Exterior Improvements 142
WS009 Department on Aging/Various Senior Center Repairs 148
WS632 Financial Aid Center-Carpet Replacement 150

Section 11 Courthouse Complex (WC) 153

WC006 Courthouse Public Address System 154
WC009 Medical Examiner-Facility Upgrade 156
WC751 Annex Roof Replacement and Renovations 158
WC759 Courthouse 6th Floor Bullpens 162
WC764 Courthouse Elevator Modernization 164
WC779 Courthouse Air Conditioning CFC Conversion 166

Section 12 House of Correction (WJ) 169

WJ009 Convert Lotter Building Food Service to Blind Server 170
WJ011 Renovate Former ACC Administration Building 172
WJ012 ACC Elevator Renovation 174
WJ013 Fish Hatchery Barn Roof Replacement 176

Section 13 Other County Agencies (WO) 179

WO007 Paramedics Radio/Telecommunication System 180
WO010 County Web Internet and E-Commerce 182
WO011 Fleet Maintenance Automatic Fuel Dispensing 186
WO015 Fleet Maintenance Asphalt Paving 188

TABLE OF CONTENTS

WO017 Black Holocaust Museum 190
WO018 County Board Sound System 192
WO019 Polish Community Center 194
WO020 Blatz Building in Lincoln Park 196
WO021 Milwaukee County Public Art Program 198
WO858 Fleet Equipment Acquisition 202
WO860 Countywide Handicapped Accessibility 212
WO861 800 Mhz Trunked Radio Simulcast System 214
WO865 Brownfields Redevelopment 216
WO867 Research Park Improvements 218
WO870 County Special Assessments 220
WO871 Marcus Center River Water Intake 222
WO872 War Memorial Complex Facilities Improvements 224
WO873 ABACUS/Year 2000 Transition 228
WO878 Sheriff's Training Academy 232
WO881 War Memorial Sea Wall Replacement 236
WO882 Fleet Central Garage Roof 240
WO886 CMC (Amtrak) Train Depot 242

This Page Left Intentionally Blank.

SUMMARY OF 2000 RECOMMENDED

CAPITAL IMPROVEMENTS

2000 Recommended Capital Improvements
Milwaukee County
September 30, 1999

Project Number		Project Description	2000 Recommended	Reimbursement Revenue	Net County Financing	Airport Capital Reserve	Investment Earnings	Sales Tax Revenue	Property Tax Revenue	Miscellaneous Revenue	PFC Revenue	GO Bonds
						Requested County Financing						
		TRANSPORTATION AND PUBLIC WORKS										
		Airports										
WA	010	GMIA - Remodel "E" Concourse Restrooms	$ 190,000	$ -	$ 190,000	$ 190,000	$ -	$ -	$ -	$ -	$ -	$ -
WA	011	GMIA - Pavement Replacement Taxiway "A" and "A3"	3,915,000	2,807,500	1,107,500	1,107,500						-
WA	012	GMIA - Reconstruct Perimeter Road	1,087,000	-	1,087,000	1,087,000						-
WA	013	GMIA - Pavement Replacement Runway 7R/25L	708,900	620,000	88,900	88,900						-
WA	014	GMIA - Terminal Apron Joint Repair	606,000	531,000	75,000	75,000						-
WA	015	GMIA - Land & Hold Short Lighting (LAHSO) 1L/19R	165,000	145,000	20,000	20,000						-
WA	016	GMIA - Sealcoating Runway 7L/25R, 13/31, Taxiways	1,100,000	963,000	137,000	137,000						-
WA	308	GMIA - Phase I Mitigation Program	7,256,650	-	7,256,650						7,256,650	-
WA	325	GMIA - New Parking Facilities	19,600,000	-	19,600,000							19,600,000
WA	332	GMIA - School/Church Sound Insulation	2,000,000	-	2,000,000						2,000,000	-
	WA	**Total Airports**	$ 36,628,550	$ 5,066,500	$ 31,562,050	$ 2,705,400	$ -	$ -	$ -	$ -	$ 9,256,650	$ 19,600,000
		Highways & Bridges										
WH	201	County Trunk Highway Action Program	$ 9,771,500	$ 8,616,800	$ 1,154,700	$ -	$ -	$ -	$ -	$ 151,500	$ -	$ 1,003,200
WH	202	Sixth Street Viaduct Replacement	135,000	7,500	127,500							127,500
WH	203	Major Rehabilitation - CTH	2,548,500	939,150	1,609,350	-	-	-	-	48,500	-	1,560,850
WH	216	Traffic Signal Equipment and Software Upgrade	700,000	-	700,000	-	-	-	-	-	-	700,000
WH	222	National Highway System - West Rawson Avenue	7,000,000	6,236,000	764,000	-	-	-	-	-	-	764,000
WH	224	Signal Improvements - 86th and Good Hope	85,000	42,500	42,500							42,500
	WH	**Total Highways & Bridges**	$ 20,240,000	$ 15,841,950	$ 4,398,050	$ -	$ -	$ -	$ -	$ 200,000	$ -	$ 4,198,050
		Mass Transit										
WT	006	Bus Vacuum System	$ 594,300	$ 475,440	$ 118,860	$ -	$ -	$ -	$ -	$ -	$ -	$ 118,860
WT	007	Trolley Buses (10 Total)	2,625,000	2,100,000	525,000							525,000
WT	257	Bus Replacement Program	7,777,700	6,455,491	1,322,209							1,322,209
WT	262	Automatic Passenger Counters	64,000	-	64,000							64,000
	WT	**Total Mass Transit**	$ 11,061,000	$ 9,030,931	$ 2,030,069	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,030,069
		Environmental										
WV	004	LJT - Drainage Embankment	$ 330,000	$ 220,000	110,000	$ 110,000	$ -	$ -	$ -	$ -	$ -	$ -
WV	376	UST Program-Old Coast Guard Property	75,000	30,000	45,000	-	-	-	-	45,000	-	-
WV	378	NSP Control Program - Wisconsin Avenue Lagoon	517,000	266,600	250,400	-	-	-	-	26,990	-	223,410
WV	382	Winnebago Sealman Block Clean-up	150,000	60,000	90,000					90,000		-
	WV	**Total Environmental**	$ 1,072,000	$ 576,600	$ 495,400	$ 110,000	$ -	$ -	$ -	$ 161,990	$ -	$ 223,410
		Total Transportation & Public Works	$ 69,001,550	$ 30,515,981	$ 38,485,569	$ 2,815,400	$ -	$ -	$ -	$ 361,990	$ 9,256,650	$ 26,051,529
		PARKS, RECREATION AND CULTURE										
		Department of Parks, Recreation & Culture										
WP	001	Boerner Gardens Visitor Center	$ 1,500,000	$ 1,500,000	-	$ -	$ -	$ -	$ -	$ -	$ -	$ -
WP	003	Lincoln Memorial Drive Reconstruction	5,311,000	-	5,311,000				21,500			5,289,500
WP	402	O'Donnell Sheet Piling Repair	770,000	-	770,000							770,000
WP	406	County Wide Play Area Redevelopment Program	750,000	-	750,000							750,000
WP	411	Parks Infrastructure Improvements	2,500,000	-	2,500,000	-	-	-	-	1,450,000	-	1,050,000
WP	451	Mitchell Boulevard Improvements	393,744	-	393,744							393,744
WP	458	Bike Trail Development	1,440,400	1,096,040	344,360	-	-	-	-	-	-	344,360
	WP	**Total Department of Parks, Recreation & Culture**	$ 12,665,144	$ 2,596,040	$ 10,069,104	$ -	$ -	$ -	$ 21,500	$ 1,450,000	$ -	$ 8,597,604

2000 Recommended Capital Improvements
Milwaukee County
September 30, 1999

Project Number		Project Description	2000 Recommended	Reimbursement Revenue	Net County Financing	Requested County Financing: Airport Capital Reserve	Investment Earnings	Sales Tax Revenue	Property Tax Revenue	Miscellaneous Revenue	PFC Revenue	GO Bonds
		McKinley Marina										
WP	511	McKinley Marina Administration Building	$ 706,236	$ -	706,236	$ -	$ -	$ -	$ -	$ -	$ -	$ 706,236
		Total McKinley Marina	$ 706,236	$ -	706,236	$ -	$ -	$ -	$ -	$ -	$ -	$ 706,236
		Zoo	-									
WZ	006	Ice Cream Palace Renovation	$ 45,000	$ -	45,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 45,000
WZ	008	Point of Sale Replacement	750,000	-	750,000							750,000
WZ	578	Karibu Gift Shop Renovation	22,000	-	22,000							22,000
WZ	585	Zoo Infrastructure Improvements	1,500,000	-	1,500,000	-	-	-	-	-	-	1,500,000
WZ	590	Lakeview Concession Stand Renovation	72,000	-	72,000							72,000
WZ	596	Environmental Remediation - Zoo Bliffert Property	80,000	32,000	48,000					48,000		-
	WZ	**Total Zoo**	$ 2,469,000	$ 32,000	$ 2,437,000	$ -	$ -	$ -	$ -	$ 48,000	$ -	$ 2,389,000
		Total Parks, Recreation and Culture	$ 15,840,380	$ 2,628,040	$ 13,212,340	$ -	$ -	$ -	$ 21,500	$ 1,498,000	$ -	$ 11,692,840
		HEALTH AND HUMAN SERVICES										
		DHS-Mental Health Division										
WE	001	Replace Roof CATC - D Building	$ 217,100	$ -	217,100	$ -	$ 3,975	$ -	$ -	$ -	$ -	$ 213,125
WE	012	Replace Day Hospital Elevator	121,700	-	121,700							121,700
	WE	**Total DHS-Mental Health Division**	$ 338,800	$ -	$ 338,800	$ -	$ 3,975	$ -	$ -	$ -	$ -	$ 334,825
		DPW County Grounds										
WG	703	Demolition of Doyne Hospital	$ 4,371,500	$ -	4,371,500	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,371,500
WG	724	North Avenue Water Main	126,000	-	126,000							126,000
	WG	**Total DPW County Grounds**	$ 4,497,500	$ -	$ 4,497,500	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,497,500
		Department of Human Services										
WS	001	Soundproof Detention Pods	$ 54,000	$ -	54,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 54,000
WS	005	Vliet Exterior Improvement	620,000	-	620,000							620,000
WS	009	Department of Aging - Various Senior Center Repairs	87,600	-	87,600	-	-	-	-	9,600	-	78,000
WS	632	Financial Aid Center - Carpet Replacement	162,000	-	162,000							162,000
	WS	**Total Department of Human Services**	$ 923,600	$ -	$ 923,600	$ -	$ -	$ -	$ -	$ 9,600	$ -	$ 914,000
		Total Health and Human Services	$ 5,759,900	$ -	$ 5,759,900	$ -	$ 3,975	$ -	$ -	$ 9,600	$ -	$ 5,746,325
		GENERAL GOVERNMENT										
		Courthouse Complex										
WC	006	Courthouse - Public Address System Replacements	$ 90,000	$ -	90,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 90,000
WC	009	Medical Examiner - Facility Upgrade	50,000	-	50,000							50,000
WC	751	Annex Roof Replacement and Renovations	496,200	-	496,200		$ 9,100					487,100
WC	759	Courthouse 6th Floor Bullpens	264,000	-	264,000							264,000
WC	764	Courthouse Elevator Modernization	672,000	-	672,000		$ 12,300					659,700
WC	779	Courthouse Air Conditioning CFC Conversion	297,700	-	297,700		5,500					292,200
	WC	**Total Courthouse Complex**	$ 1,869,900	$ -	$ 1,869,900	$ -	$ 26,900	$ -	$ -	$ -	$ -	$ 1,843,000
		House of Correction										
WJ	009	Convert Letter Bldg. Food Service to Blind Server	$ 110,000	$ -	110,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 110,000
WJ	011	Renovate Former ACC Administration Building	600,000	-	600,000							600,000
WJ	012	ACC Elevator Renovation	408,000	-	408,000							408,000
WJ	013	Re-roof Fish Hatchery Barn	216,000	-	216,000							216,000

2000 Recommended Capital Improvements
Milwaukee County
September 30, 1999

Project Number		Project Description	2000 Recommended	Reimbursement Revenue	Net County Financing	Airport Capital Reserve	Investment Earnings	Sales Tax Revenue	Property Tax Revenue	Miscellaneous Revenue	PFC Revenue	GO Bonds
									Requested County Financing			
	WJ	Total House of Correction	$ 1,334,000	$ -	$ 1,334,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,334,000
		Other County Agencies										
WO	007	Paramedics Radio/Telecommunication System	3,191,880	-	3,191,880							3,191,880
WO	010	County Web, Internet and E-Commerce	$ 200,000	$ -	200,000	$ -	$ -	$ -	$ -	$ 60,000	$ -	$ 140,000
WO	011	Fleet Maintenance - Automated Fuel Dispensing	360,000	-	360,000							360,000
WO	015	Fleet Maintenance - Asphalt Paving	90,000	-	90,000							90,000
WO	017	Black Holocaust Museum	25,000	-	25,000				25,000			-
WO	018	County Board Broadcasting/Sound System	108,000	-	108,000							108,000
WO	019	Polish Community Center	25,000	-	25,000				25,000			-
WO	020	Blatz Building in Lincoln Park	100,000	-	100,000							100,000
WO	021	Milwaukee County Public Art Program	100,000	-	100,000							100,000
WO	858	Fleet Equipment Acquisition	3,657,400	-	3,657,400	-	-	-	-	450,000	207,400	3,000,000
WO	860	Countywide Handicapped Accessibility	100,000	-	100,000							100,000
WO	861	800 MHZ-Phase II Trunk Radio Simulcast System	1,771,600	-	1,771,600							1,771,600
WO	865	Brownfields Redevelopment	750,000	-	750,000					$ 750,000		-
WO	867	Research Park Improvements	495,200	-	495,200					$ 200,000		295,200
WO	870	County Special Assessments	350,000	-	350,000			269,198	80,802			-
WO	871	Marcus Center River Water Intake	150,000	-	150,000							150,000
WO	872	War Memorial Complex Facilities Improvements	837,346	-	837,346	-	-	-	-	-	-	837,346
WO	873	ABACUSt/Year 2000 Transition	4,598,442	-	4,598,442	-	-	-	159,857	499,340	-	3,939,245
WO	878	Sheriff's Training Academy	600,000	-	600,000							600,000
WO	881	War Memorial - Sea Wall Replacement	2,000,000	1,225,000	775,000							775,000
WO	882	Fleet Central Garage Roof	455,500	-	455,500		8,300					447,200
WO	886	CMC (Amtrak)Train Depot	4,000,000	-	4,000,000							4,000,000
			-									
	WO	Total Other County Agencies	$ 23,965,368	$ 1,225,000	$ 22,740,368	$ -	$ 8,300	$ 269,198	$ 290,659	$ 1,959,340	$ 207,400	$ 20,005,471
		Total General Government	$ 27,169,268	$ 1,225,000	$ 25,944,268	$ -	$ 35,200	$ 269,198	$ 290,659	$ 1,959,340	$ 207,400	$ 23,182,471
		Grand Total Capital Improvements	$ 117,771,098	$ 34,369,021	$ 83,402,077	$ 2,815,400	$ 39,175	$ 269,198	$ 312,159	$ 3,828,930	$ 9,464,050	$ 66,673,165
		Total Excluding Airports	$ 81,142,548	$ 29,302,521	$ 51,840,027	$ 110,000	$ 39,175	$ 269,198	$ 312,159	$ 3,828,930	$ 207,400	$ 47,073,165

2000 Requested Capital Improvement Financing

Reimbursement Revenue	$ 34,369,021
Airport Capital Reserve Account	2,815,400
Investment Earnings	39,175
Sales Tax Revenue	269,198
Property Tax Revenues	312,159
Miscellaneous Revenue	3,828,930
PFC Revenues	9,464,050
Corporate Purpose Bonds	47,073,165
Airport Revenue Bonds	19,600,000
Total 2000 Capital Financing	$ 117,771,098

County Cost Financing Breakdown	Ratio
Debt Financing	79.94%
Cash Financing	20.06%

INTRODUCTION

The 2000 Recommended Capital Improvements Budget includes 80 separate projects for a total expenditure appropriation of $117,771,098. Anticipated reimbursement revenue (Federal, State and local grants) total $34,369,021 resulting in net county financing of $83,402,077.

Appropriations for 70 corporate purpose projects (non-airport projects) total $81,142,548 with offsetting reimbursement revenues of $29,302,521. The resulting net county financing of $51,840,027 is to be financed by $47,073,165 in general obligation corporate purpose bonds, $1,978,930 in power plant revenues, $312,159 in property taxes, $207,400 in passenger facility charges (PFC) revenue, $39,175 in construction fund investment earnings, $269,198 in sales tax revenues, and $1.85 million in Potawatomi revenue. Recommended expenditure appropriations for 2000 airport capital improvements total $36,628,550. Airport capital reimbursement revenue appropriations of $5,066,500 result in a net county financing of $31,562,050. Net county financing for airport projects includes $2,705,400 in airport capital improvement reserve revenues, $9,256,650 in PFC revenue, and $19.6 million in airport revenue bonds.

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 using 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. For 2000, the County will issue airport revenue bonds for the GMIA-Parking Facility. This will be the first time that the County has issued revenue bonds for the Airport. As previously stated, all debt service payments for the revenue bonds will be the responsibility of the Airlines using GMIA.

Comparison to 1999 Adopted Budget

The 1999 Adopted Capital Improvements Budget includes 81 projects with a total expenditure appropriation of $112,007,169. Anticipated reimbursement revenues (Federal, State and local grants) total $40,598,374 resulting in net county financing of $71,408,795. The general county capital improvement budget (corporate purpose projects) includes 70 projects totaling $91,750,919 with offsetting reimbursement revenues of $35,993,174. The resulting net county financing requirement of $55,757,745 was to be financed by $49,875,623 in general obligation corporate purpose bonds, $4,050,000 in miscellaneous revenues, $231,000 in PFC revenue, $1,567,522 in property taxes, and $33,600 in construction fund investment earnings.

2000 Recommended Expenditure Appropriations by Function

The largest 2000 recommended expenditure category is for transportation and public works-related departments. Recommended appropriations total $69,001,550 for 2000. This amount represents approximately 59 percent of the total recommended capital improvement budget. Major transportation and public works projects include Airport Parking Facility ($19.6 Million), Pavement Replacement of Taxiway "A" ($3,915,000), Continuation of the Airport Sound Mitigation Program ($7,256,650), County Trunk Highway Rehabilitation ($9,771,500), Bridge Rehabilitation Program ($2,548,500), National Highway System Improvements ($7.0 Million) and Bus Replacement Program ($7,777,700). A large portion of the cost of transportation and public works projects is typically offset with State and Federal reimbursement revenues. Recommended transportation and public works related reimbursement revenues total $30,515,981 for 2000.

The functional area receiving the next largest appropriation is general government. Adopted appropriations total $27,169,268. Notable recommended project appropriations include additional construction appropriations for a paramedics communication system ($3,191,880), Acquisition of Fleet Equipment ($3,657,400), 800 MHZ-Phase II Radio Simulcast System ($1,771,600) and the continued implementation of the Year 2000 Transition and County Financial System Upgrade ($4,598,442).

Recommended appropriations for Parks, Recreation and Culture departments total $15,840,380. Major projects include the Lincoln Memorial Drive Reconstruction ($5,311,000), Parks Infrastructure Improvements ($2,500,000) Bike Trail Development ($1,440,400), and Zoo Infrastructure Improvements ($1,500,000).

Capital appropriations for health and human services departments total $5,759,900. The most significant project recommended for this functional area for 2000 is the $4,371,500 appropriation for planning and utility relocation for the demolition of the former Doyne Hospital.

MAJOR 2000 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 Recommended 2000 Capital Improvements Budget does contain some expensed projects (non-capitalized). However, these projects are financed with property tax revenues, or proceeds from the sale of the power plant. 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 recommended project write-up on capital budget form 4789 has a detailed staffing plan listed under "Total Project Cost Breakdown." 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 2000 staffing plan will be submitted for review and approval to the County Board of Supervisors during 2000.

Appropriations Based on Cash Flow Needs

The 2000 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 2000 will result in contractual obligations for 2001 to complete project financing initiated or continued in 2000 or prior years.

PFC Revenues

During 1995, General Mitchell International Airport received authorization to charge a $3 per person Passenger Facility Charge (PFC) revenue. The 2000 Recommended Capital Improvement Budget reflects $9,464,050 in pay-as-you-go PFC revenues. The Airport Capital Improvement Budget reflects $9,256,650 in PFC revenues. The $207,400 balance of PFC revenue adopted for 2000 is recorded in the fleet acquisition account 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 financial penalties totaling 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 penalty amounts. Expenditure requirements are anticipated for 2000 corporate purpose and airport projects as follows:

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

A small amount of proceeds are allowed to be spent after 24 months 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 adopted as part of the annual capital improvement 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 late spring or early summer. Prior to debt issuance, some expenditures may have already occurred for new projects. This practice subjects the County to regulations for reimbursement bonds. The 2000 recommended 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 recommended 2000 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 the debt financed projects with the proceeds of the County's 2000 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 2000 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 2000 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 late spring or early summer.

3. Cash outlays for debt service payments on recommended 2000 bond issues will not be required until 2001. 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 interest cost for proprietary fund departments should be reflected in the construction fund of the project (capital projects fund). The 2000 Recommended Capital Improvements Budget includes $69,900 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 is 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 2000 recommended budget anticipates $39,175 in investment earnings on 2000 bonds. These earnings are recorded directly in the capital projects fund as another source of project financing. The capital improvement budget form 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 2000 Capital Improvements

County policy establishes a minimum pay-as-you-go cash financing requirement for the 2000 capital budget of 18.2 percent of net County financed project costs. Current adopted policy increases minimum cash financing requirements by 2.0 percent annually to a required 20 percent by 2001. Net county financing included in the 2000 recommended budget totals $83,402,077. Minimum cash required to meet this 18.2 percent cash financing threshold is calculated at $15,179,178. The 2000 recommended budget includes cash financing of $16,578,912 which is well above the 18.2 percent cash financing goal at approximately 19.9 percent of net county financing.

Recommended Financing for 2000 Capital Improvements

Recommended financing for 2000 corporate purpose (non-airport) improvements is a combination of Federal, State and local government reimbursement revenues, general obligation bonds and notes, proceeds from the sale of the power plant, PFC revenues, property tax revenues, sales tax revenues, Potawatomi revenue, and investment earnings from proprietary-funded construction projects. Recommended debt financing for 2000 corporate purpose improvements totals $47,073,165. This is approximately 58 percent of the total corporate purpose appropriation. The remaining 42 percent of recommended corporate purpose appropriations is cash financed or financed from Federal, State or local government reimbursement revenues. Federal, State and local reimbursement revenues total $29,302,521. Cash financing for 2000 corporate purpose projects includes $1,978,930 in proceeds from the sale of the power plant, $1.85 million in Potawatomi revenues, $207,400 in PFC revenues, $312,159 in property tax revenues, $269,198 in sales tax revenues and $39,175 in construction fund investment earnings. Recommended airport capital improvement financing for 2000 includes $5,066,500 in State and Federal grants, $9,256,650 in PFC revenue, and $19.6 million in airport revenue bonds.

Recommended debt financing for 2000 will be structured to finance the acquisition of fleet vehicles and IMSD equipment recommended as part of the Financial System/Y2K Transition project over a six-year period. The balance of 2000 recommended debt financed projects will be financed over approximately 16 years.

Although a substantial portion of project costs are 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 Airports, 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 some enterprise fund departments, such as the airports, has almost no tax levy impact. Collectively, based on 1996 year-end information, bonds issued for County proprietary fund departments comprise approximately 23.4 percent of total general obligations outstanding.

Outstanding Debt by Department

Based on current borrowing plans, on December 31, 1998, the County will have $490,202,537 in outstanding general obligation bonds and notes issued for general county purposes. Year end 1998 debt, represents approximately 28.5 percent of the County's $1,746,105,885 debt limit for 1998. See the 1999 Fiscal Trends Report for a more detailed analysis of the County's outstanding debt. The 2000 Fiscal Trends Report is scheduled for release on December 1, 1999.

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 recommended 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 2000 is that 18.2 percent of County financed project costs be financed from cash sources.

The following section contains a summary of selected debt affordability indicators and provides a discussion of impacts that 2000 recommended borrowing will have on County debt trends. It should be noted that borrowing totals for corporate purpose projects are not based on the requested five year plan due to the speculative nature of certain capital requests; instead future borrowing amounts of $40,000,000 are based on limited debt issuance objectives discussed by the County Board of Supervisors.

A number of assumptions were used in the development of future projected debt service costs. Interest rate projections are based on current levels resulting in an approximate rate of 5.25 percent for 15-year level principal payment issues. In addition, growth assumptions used for various expenditure, revenue, equalized property values and other fiscal estimates were projected at 3.5 percent annually. In addition, for purposes of analysis, it was assumed that debt financing for airport improvements in 2000 and subsequent years would be revenue bonds. Therefore, airport borrowing for 2000 and subsequent years has been eliminated from debt affordability projections.

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.

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 is to be 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 Capital Improvements Budget. Therefore, the required minimum cash financing established for the 1998 Recommended Capital Improvements Budget is required to be 18.2 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 be composed almost exclusively of tax revenues; however, cash financing could also include a minor amount of interest earnings realized from the investment of bond proceeds issued for proprietary fund departments. 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 Est	50,000,000	10,000,000	20.00%
2001 Est	50,000,000	10,000,000	20.00%
2000 CE	83,402,077	16,728,912	20.06%
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%

Notes:

Estimated capital expenditures for 1998-2002 result in annual general obligation bond issues of approximately $40 million. It was assumed that these financings would be structured as 15 level principal payments and would be issued at an interest rate of approximately 5.25 percent. These key assumptions are the basis for subsequent annual debt service estimates used for the following indicators.

The 1997 adopted budget did not meet the adopted cash financing policy goal of 12.2 percent.

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, metro sewer district debt 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 Est	59,505,745	57,406,948	(2,098,797)
2001 Est	58,322,660	55,465,650	(2,857,010)
2000 CE	53,320,802	53,590,000	269,198
1999 Budget	56,825,025	52,174,000	(4,651,025)
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	47,684,477	43,675,957	(4,008,520)
1994	42,109,267	45,570,888	3,461,621
1993	38,855,818	42,727,170	3,871,352

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.

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	460,328,135	40,362,930,340	1.14%
2001 Est	468,959,760	38,998,000,329	1.20%
2000 CE	495,741,028	37,679,227,371	1.32%
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	477,049,459	31,449,914,500	1.52%
1994	454,199,715	30,049,316,500	1.51%
1993	431,029,715	28,912,452,300	1.49%

Notes:

For the purpose of preparing the trend analysis of direct debt as a percent of equalized value it was projected that equalized property values for January 1, 2000 and subsequent years would increase at an annual rate of 3.5 percent.

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	475,653,135	956,688	486
2001 Est	484,429,760	956,688	506
2000 CE	495,741,028	956,688	518
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	477,049,459	965,257	494
1994	454,199,715	969,252	469
1993	431,029,715	967,814	445

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 2000 and subsequent years is based on Wisconsin Department of Administration preliminary population estimates for 1999.

Debt Service as a Percent of Revenues

Policy Goal:

No policy goal established. However, annual monitoring is recommended.

Definition:

Debt service as a percent of revenues consists of the amount of principal and interest that the County must pay on its direct debt as a percent of total governmental and enterprise fund revenues. Governmental and enterprise fund revenues include all County revenues except for internal service fund revenues and reimbursement revenue from the Milwaukee Metropolitan Sewerage District (MMSD) for debt service payments made by the County on behalf of the District.

Budget Year	Debt Service	Governmental and Enterprise Fund Revenues	Debt Service as a Percent of Revenues
2002 Est	73,882,043	974,034,736	7.59%
2001 Est	73,611,889	941,096,363	7.82%
2000 CE	74,834,511	909,271,848	8.23%
1999	69,381,746	878,523,525	7.90%
1998	70,427,010	848,815,000	8.30%
1997	69,345,161	822,755,000	8.43%
1996	68,931,457	770,412,000	8.95%
1995	65,428,048	894,217,000	7.32%
1994	57,414,023	906,835,000	6.33%
1993	53,758,170	869,885,000	6.18%

Notes:

For purposes of this analysis it was assumed that governmental and enterprise fund revenues would grow at an annual rate of 3.5 percent. This assumption has been dampened somewhat from previous estimates due to the elimination of John L. Doyne Hospital. This assumed rate is somewhat less than the actual annual rate of increase experienced since 1984. Governmental and Enterprise Fund revenue reflected for 1997 are also estimates and are not based on budgeted appropriations.

2000 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 1
AIRPORTS

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WA010	GMIA - Remodel "E" Concourse Restrooms	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	Date
	Ken Vick	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$190,000	$0	$0	$0	$190,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$190,000	$0	$0	$0	$190,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$32,000	$0	$32,000
Construction & Implementation	$0	$158,000	$0	$158,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$19,000	$0	$19,000
DPW Charges	$0	$13,000	$0	$13,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$158,000	$0	$158,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$190,000	$0	$190,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$0
Airport Reserve	$190,000
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$190,000

Cost Estimates Prepared By	Tom Pritzlaff	DPW Review By	Eriks Krumins

Project Useful Life (Years)	15

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	03/2000
Complete Final Plans & Specifications	06/2000
Begin Construction	09/2000
Complete Construction	12/2000
Scheduled Project Closeout	01/2001

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA010 - GMIA – Remodel "E" Concourse Restrooms

An appropriation of $190,000 is budgeted to remodel a set of bathrooms at General Mitchell International Airport.

Two sets of restrooms are presently located on the "E" Concourse. One set of restrooms was constructed with the original Concourse in 1968. The second set of restrooms was added in 1975. During the remodeling of the "E" Concourse in 1987 both restrooms received a minor face-lift, with more extensive work being performed on the older set of restrooms. This project envisions modifying the restrooms constructed in 1975, which are also the larger set of restrooms, to make them compliant with the Americans with Disabilities Act (ADA) while also improving their appearance by installing new tile flooring and providing tile on the existing masonry walls. Counters, fixtures and partitions would also be replaced; lighting would be upgraded; and, provision would also be made to accommodate young children. The overall effect would be to provide modern, attractive, ADA compliant restrooms for the traveling public. The purpose of the project is to make the "E" Concourse restrooms ADA compliant, and at the same time provide needed improvements to the restrooms.

Project financing will be provided from the Airport Capital Improvement Reserve Account.

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. Specialized consultants may be retained as needed for: archaeological surveying; soils/materials/environmental testing and assessments; construction surveying; specialized legal counsel through the Corporation Counsel; appraisers/negotiators; title search consultants, etc., as required to complete planning, design and construction.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WA011	GMIA - Pavement Replacement Taxiway "A" and "A3"	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	Date
	Ken Vick	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$3,915,000	$1,700,000	$1,107,500	$0	$1,107,500
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$3,915,000	$1,700,000	$1,107,500	$0	$1,107,500

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$653,000	$0	$653,000
Construction & Implementation	$0	$3,262,000	$0	$3,262,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment.	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$30,000	$0	$30,000
DPW Charges	$0	$623,000	$0	$623,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$3,262,000	$0	$3,262,000
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$3,915,000	$0	$3,915,000

Budget Year Financing

Federal, State and Local Aids	$2,807,500
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$0
Airport Reserve	$1,107,500
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$3,915,000

Cost Estimates Prepared By	Tim Kipp	DPW Review By	Ken Vick

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	03/2000
Complete Final Plans & Specifications	04/2000
Begin Construction	05/2000
Complete Construction	12/2000
Scheduled Project Closeout	01/2001

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA011 - GMIA - Pavement Replacement Taxiway "A" &"A3"

An appropriation of $3,915,000 is budgeted for 2000 to rebuild Taxiway "A" from Taxiway "R" to Taxiway "A4", the cargo apron entryway; and rebuilding "A3" which is adjacent to Taxiway "A". The taxiway has been repeatedly patched over the years and the joints resealed. However, increased air cargo operations have continued to place additional demands on the taxiway and caused the taxiway to literally break apart causing FOD (Foreign Object Debris) concerns. The estimated PCI (Pavement Condition Index) number for the year 2001 would be below acceptable minimum service levels without overlay or replacement. Unfortunately, it would be impractical to overlay the existing pavement and transition properly into the adjacent pavement. Consequently, it is recommended that the existing 16" concrete pavement with base be removed and replaced with 18" concrete pavement with 6" econocrete. In addition the asphalt shoulders would be replaced and new taxiway lights installed. Taxiway "A3" was in a 1999 Capital Improvement project but was not reconstructed at the request of the FAA. In 1999 the FAA received emergency financing to replace the 1L/19R Approach Lighting System. The "A3" Taxiway would have conflicted with the FAA's Approach Lighting project.

This project is necessary to keep an extremely important taxiway viable and phasing work in this critical area will be of high importance. It is likely that, during construction, Runway 7R/25L will be utilized to route traffic around the closed area to the cargo apron.

This taxiway handles all cargo apron traffic and all of Runway 7R takeoffs/departures. Further pavement deterioration will cause more FOD being created. Delaying replacement could cause major routing delays to the Cargo Apron and landing/departures from Runway 7R/25L due to pavement failure.

Federal Financing will be sought to the maximum extent possible. The anticipated amount of entitlements available is $1,700,000. If discretionary Financing is not available, the balance of the project will be financed with a 50/50 split with the Wisconsin Bureau of Aeronautics. The local share will be financed from the Airport Capital Improvement Reserve Account.

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. Specialized consultants may be retained as needed for: archaeological surveying; soils/materials/environmental testing and assessments; construction surveying; specialized legal counsel through the Corporation Counsel; appraisers/negotiators; title search consultants, etc., as required to complete planning, design and construction.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WA012	GMIA - Reconstruct Perimeter Road	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	Date
	Ken Vick	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$1,087,000	$0	$0	$0	$1,087,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$1,087,000	$0	$0	$0	$1,087,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$181,000	$0	$181,000
Construction & Implementation	$0	$906,000	$0	$906,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$8,000	$0	$8,000
DPW Charges	$0	$173,000	$0	$173,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$906,000	$0	$906,000
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$1,087,000	$0	$1,087,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$0
Airport Reserve	$1,087,000
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$1,087,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Tim Kipp	Ken Vick	20

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	03/2000
Complete Final Plans & Specifications	04/2000
Begin Construction	05/2000
Complete Construction	11/2000
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA012 – GMIA - Reconstruct Perimeter Road

An appropriation of $1,087,000 is budgeted to relocate a portion of the existing employee parking lot and service roadway. To accommodate the new structure, the new exiting terminal roadway will cross through the south end of the current employee parking lot and requires that the employee parking lot be expanded. While the employee parking lot expansion will be built as part of the parking structure contract, a new concrete service drive, built around the relocated parking lot, is needed. This service drive would also be expanded northward to the West Fixed Base Operator apron. Further, the existing north perimeter road would be under this project.

Constructing the service drive would separate vehicle and aircraft traffic at the approach end of Runway 7L, allowing fuel trucks to drive to the west apron without the need to contact the Control Tower. This roadway addition would greatly enhance the safety of 7L/25R aircraft traffic and help satisfy runway incursion concerns.

Additionally the existing north perimeter road is severely broken-up in large areas with some stone base failure. This project would include the placement of a 4" asphalt overlay over the entire route with selective undercutting in areas of complete pavement failure. Drainage would also be improved.

The construction of the service drive is needed to accommodate the new parking structure while the perimeter road extension and repair is needed due to deterioration.

Project financing will be provided from the Airport Capital Improvement Reserve Account.

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. Specialized consultants may be retained as needed for: archaeological surveying; soils/materials/environmental testing and assessments; construction surveying; specialized legal counsel through the Corporation Counsel; appraisers/negotiators; title search consultants, etc., as required to complete planning, design and construction.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WA013	GMIA - Pavement Replacement Runway 7R/25L	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	Date
	Ken Vick	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$708,900	$531,000	$89,000	$0	$88,900
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$708,900	$531,000	$89,000	$0	$88,900

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$118,900	$0	$118,900
Construction & Implementation	$0	$590,000	$0	$590,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$5,000	$0	$5,000
DPW Charges	$0	$113,900	$0	$113,900
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$590,000	$0	$590,000
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$708,900	$0	$708,900

Budget Year Financing

Federal, State and Local Aids	$620,000
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$0
Airport Reserve	$88,900
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$708,900

Cost Estimates Prepared By	Tim Kipp	DPW Review By	Ken Vick

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	02/2000
Complete Final Plans & Specifications	04/2000
Begin Construction	05/2000
Complete Construction	07/2000
Scheduled Project Closeout	10/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA013 - GMIA - Pavement Replacement Runway 7R/25L

An appropriation of $708,900 is budgeted for the pavement replacement of runway 7R/25L. The airport's inspection program has identified these new areas that are experiencing visible signs of distress. The scope of the project would parallel the 1999 program; bad concrete would be removed and replaced with either a section similar in materials to the current pavement section or the airport's standard section of 18" concrete with 6" econocrete. The general location of the year 2000 concrete rehabilitation is at the runway intersections of 7R/25L & 1R/19L and at the southern edge of Runway 7R/25L @ Taxiway "R".

Phasing, as always, will be of high concern. During construction, Runway 7R/25L will need to be closed for periods of time. It is anticipated the runway will be closed for landings and departures but most likely could be operational for taxiing aircraft.

Runway 7R/25L is one of GMIA's major runways and the condition of the concrete is such that it requires replacement. Allowing staff to proceed with this project will ensure a high quality runway pavement for quite some time at acceptable FAA standards.

Federal Airport Improvement Program Discretionary Financing (75%) will be sought with State Matching Funds (12.5%) and the local share from the Airport Capital Improvement Reserve Account (12.5%).

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. Specialized consultants may be retained as needed for: archaeological surveying; soils/materials/environmental testing and assessments; construction surveying; specialized legal counsel through the Corporation Counsel; appraisers/negotiators; title search consultants, etc., as required to complete planning, design and construction.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WA014	GMIA - Terminal Apron Joint Repair	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	Date
	Ken Vick	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$606,000	$455,000	$76,000	$0	$75,000
2001	$690,000	$518,000	$86,000	$86,000	$0
2002	$690,000	$518,000	$86,000	$86,000	$0
2003	$650,000	$488,000	$81,000	$81,000	$0
2004	$350,000	$262,000	$44,000	$44,000	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$2,986,000	$2,241,000	$373,000	$297,000	$75,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$101,000	$0	$101,000
Construction & Implementation	$0	$505,000	$2,380,000	$2,885,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$41,000	$0	$41,000
DPW Charges	$0	$60,000	$0	$60,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$505,000	$0	$505,000
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$2,380,000	$2,380,000
Total Project Cost	$0	$606,000	$2,380,000	$2,986,000

Budget Year Financing

Federal, State and Local Aids	$531,000
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$0
Airport Reserve	$75,000
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$606,000

Cost Estimates Prepared By	Tim Kipp	DPW Review By	Ken Vick

Project Useful Life (Years)	10

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	05/2000
Complete Final Plans & Specifications	06/2000
Begin Construction	07/2000
Complete Construction	08/2000
Scheduled Project Closeout	10/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA014 - GMIA - Terminal Apron Joint Repair

An appropriation of $606,000 is budgeted to replace the joint sealant product on the entire terminal apron.

Good pavement maintenance dictates that close attention be paid to the condition of the joint sealant. In order to maintain an effective seal, the joint product must be adhered to both concrete slab walls. If this does not occur, the joint sealant cannot do an effective job of keeping damaging moisture or other materials from penetrating to the sub-base. On the terminal apron, the joint product has become stiff and has lost its capacity to expand and contract. The product on the older portions of the ramp is 9 years old.

Inspection of the terminal apron reveals large areas of joint failure. In addition, there are portions of sealant missing in its entirety in certain locations.

Airport staff recommends starting a five-year program that would replace the joint sealant product on the entire terminal apron. It would partition the apron into areas similar to the method that was used for apron rehabilitation in previous years. The year 2000 effort would be from Gate 61 through Gate 69 (Gate 60 will not be included). Joint repair is a prudent and very effective method of maintaining high quality pavement.

Federal Airport improvement Program Discretionary Financing (75%) will be sought with State Matching Funds (12.5%) and the local share from the Airport Capital Improvement Reserve Account (12.5%).

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. Specialized consultants may be retained as needed for: archaeological surveying; soils/materials/environmental testing and assessments; construction surveying; specialized legal counsel through the Corporation Counsel; appraisers/negotiators; title search consultants, etc., as required to complete planning, design and construction.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WA015	GMIA - Land & Hold Short Lighting (LAHSO) 1L/19R	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	Date
	Ken Vick	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$165,000	$124,000	$21,000	$0	$20,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$165,000	$124,000	$21,000	$0	$20,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$27,000	$0	$27,000
Construction & Implementation	$0	$138,000	$0	$138,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$27,000	$0	$27,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$138,000	$0	$138,000
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$165,000	$0	$165,000

Budget Year Financing

Federal, State and Local Aids	$145,000
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$0
Airport Reserve	$20,000
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$165,000

Cost Estimates Prepared By	Tim Kipp	DPW Review By	Ken Vick

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	01/2000
Complete Final Plans & Specifications	02/2000
Begin Construction	03/2000
Complete Construction	05/2000
Scheduled Project Closeout	07/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA015 - GMIA - Land & Hold Short Lighting (LAHSO) 1L/19R

An appropriation of $165,000 is budgeted to install; pulsing in-pavement lighting at the hold-short point and an alert bar. The alert bar will be located 1,000 feet prior to the hold short point, with steady burning lights.

LAHSO (Land and Hold Short) is an air traffic procedure which permits the issuance of clearances to aircraft to land and hold short of an intersecting runway, taxiway, or other designated point on the runway. It is a procedure designed to increase airport capacity and to more efficiently move aircraft within the terminal airspace and on the airport surface. At General Mitchell International Airport, one location has been approved for conducting LAHSO operations. The FAA has designated that runway 1L/19R be allowed to have lights installed to hold aircraft short of runway 7L/25R. This system will require a separate circuit and power/control unit with a separate conduit run.

Federal Airport Improvement Program Discretionary Financing (75%) will be sought along with State Matching Funds (12.5%), with the local share from the Airport Capital Improvement Reserve Account (12.5%).

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. Specialized consultants may be retained as needed for: archaeological surveying; soils/materials/environmental testing and assessments; construction surveying; specialized legal counsel through the Corporation Counsel; appraisers/negotiators; title search consultants, etc., as required to complete planning, design and construction.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WA016	GMIA -Sealcoating Runway 7L/25R, 13/31, Taxiways	

Requesting Department or Agency	Functional Group
Airport	Transportation

Department Priority	Person Completing Form	Date
	Ken Vick	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$1,100,000	$825,000	$138,000	$0	$137,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$1,100,000	$825,000	$138,000	$0	$137,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$183,000	$0	$183,000
Construction & Implementation	$0	$917,000	$0	$917,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$183,000	$0	$183,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$917,000	$0	$917,000
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$1,100,000	$0	$1,100,000

Budget Year Financing

Federal, State and Local Aids	$963,000
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$0
Airport Reserve	$137,000
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$1,100,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Tim Kipp	Ken Vick	10

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	04/2000
Complete Final Plans & Specifications	05/2000
Begin Construction	08/2000
Complete Construction	10/2000
Scheduled Project Closeout	11/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA016 - GMIA - Sealcoating Runway 7L/25R, 13/31, Taxiways

An appropriation of $1,100,000 is budgeted to sealcoat runway 7L/25R, 13/31 and their associated taxiways. Sealcoating is an excellent method to rehabilitate and extend the life of asphalt pavement. The areas identified have various degrees of pavement degradation. These older pavements have not been treated in a number of years and will require more work, including more weed removal and joint sealant than recently installed pavements such as Runway 7L/25R.

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

A State of Wisconsin Bureau of Aeronautics 1996 Pavement Evaluation Report rated these asphalt surfaces as good to poor. Only Runway 7L/25R is ranked higher due to the newness of its pavement. However, 7L/25R is also experiencing oxidation and weathering which are signs that sealcoating should be done.

If the sealcoating is not performed, continued pavement degradation would occur leading to premature pavement failure and costlier rehabilitation projects for the future. Proper maintenance will ensure that the airport will get the maximum performance from these pavements with a minimum of disruption.

Federal Airport Improvement Program Discretionary Financing (75%) will be sought with State Matching Funds (12.5%) and the local share from the Airport Capital Improvement Reserve Account (12.5%).

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. Specialized consultants may be retained as needed for: archaeological surveying; soils/materials/environmental testing and assessments; construction surveying; specialized legal counsel through the Corporation Counsel; appraisers/negotiators; title search consultants, etc., as required to complete planning, design and construction.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WA308	GMIA, Phase I Mitigation Program	
Requesting Department or Agency: Airports	Functional Group: Transportation	
Department Priority	Person Completing Form: Ken Vick	Date: 9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$22,348,000	$10,725,000	$1,263,000	$0	$10,360,000
1999	$7,256,650	$1,296,000	$216,000	$0	$5,744,650
2000	$7,256,650	$0	$0	$0	$7,256,650
2001	$7,256,650	$0	$0	$0	$7,256,650
2002	$7,256,650	$0	$0	$0	$7,256,650
2003	$7,256,650	$0	$0	$0	$7,256,650
2004	$7,256,650	$0	$0	$0	$7,256,650
SUBSEQUENT	$7,556,996	$0	$0	$0	$7,556,996
TOTAL	$73,444,896	$12,021,000	$1,479,000	$0	$59,944,896

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$1,451,330	$1,421,330	$0	$2,872,660
Construction & Implementation	$5,805,320	$5,835,320	$29,326,946	$48,224,236
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$22,348,000	$0	$0	$22,348,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$1,431,330	$1,421,330	$0	$2,852,660
DPW Charges	$42,019	$30,000	$0	$72,019
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$5,805,320	$0	$0	$5,805,320
Land / Land Improvements	$156,689	$0	$0	$156,689
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$13,974	$0	$0	$13,974
Other Expenses	$22,155,318	$5,805,320	$29,326,946	$64,544,234
Total Project Cost	$29,604,650	$7,256,650	$29,326,946	$73,444,896

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$0
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$7,256,650
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$7,256,650

Cost Estimates Prepared By	Terrell, Hundley and Carroll	DPW Review By	C. Barry Bateman

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$7,468,898
1998 Expenditures	$5,250,113
1999 Expenditures	$3,979,660
Total Expenditures to Date	$16,714,549
Encumbrances	$8,807,602
Available Balance	$4,082,499

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	02/2000
Complete Final Plans & Specifications	03/2000
Begin Construction	04/2000
Complete Construction	11/2000
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA308 - GMIA Phase I Mitigation Program

An appropriation of $7,256,650 is budgeted to continue a program to assist residential owners with Airport noise mitigation. The General Mitchell International Airport Part 150 Noise Compatibility study recommended a mitigation program offering sound insulation to approximately 1,727 homes (Phase I), and offers the choice between an Avigation Easement purchase or Sales Assistance program for another 2,124 homes, under Phase II.

Phase I

1996	153 Homes completed (Contract 1-12)
1997	131 Homes nearing completion (Contract 13-20)
1998	130 under construction (Contract 21-24)
1999	305 under contract or scheduled (Contract 25-30)
1996-1999	719 Homes completed or under contract
2000	200 Homes anticipated to be mitigated
Subsequent years	808 Homes remaining to be mitigated
Total	1,727 Homes eligible for participation

Estimated per parcel cost is $36,283 (construction & project administration). The total estimated cost for Phase I completion for 2000 and subsequent years is $36,583,596. Total estimated cost for the project, including prior years, is $66,188,246.

The sound insulation program provides appreciably lower interior noise levels inside these noise sensitive residences. The sound insulation program provides attic insulation, replacement acoustical windows and doors, and associated HVAC 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, phone conversations and other daily activities are impaired when constantly interrupted by aircraft overflight noise. The program has demonstrated the ability to dramatically 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 practicable, the effects of aircraft noise.

This project has been financed in the past with a combination of Federal and State grant funds and Passenger Facility Charge revenues. The 2000 Appropriation will be 100% PFC financed.

DPW Staffing Plan

The Department of Public Works Project Manager for this project will be C. Barry Bateman. A consultant, Terrell, Hundley and Carroll, has been hired to perform the mitigation.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WA325	GMIA, New Parking Facilities	

Requesting Department or Agency	Functional Group
Airports	Transportation

Department Priority	Person Completing Form	Date
	Ken Vick	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$600,000	$0	$0	$0	$600,000
1999	$7,811,700	$0	$0	$0	$7,811,700
2000	$19,600,000	$0	$0	$0	$19,600,000
2001	$30,000,000	$0	$0	$0	$30,000,000
2002	$16,104,992	$0	$0	$0	$16,104,992
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$69,716,692	$0	$0	$0	$69,716,692

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$3,300,000	$0	$0	$3,300,000
Construction & Implementation	$4,400,000	$19,600,000	$46,104,992	$65,704,992
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$711,700	$0	$0	$711,700
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$3,560,000	$2,500,000	$0	$6,060,000
DPW Charges	$340,000	$500,000	$0	$840,000
Capitalized Interest	$111,700	$0	$0	$111,700
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$4,400,000	$10,600,000	$0	$15,000,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$6,000,000	$0	$6,000,000
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$46,104,992	$41,704,992
Total Project Cost	$8,411,700	$19,600,000	$46,104,992	$69,716,692

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$19,600,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$19,600,000

Cost Estimates Prepared By	Walker Parking Consultants	DPW Review By	Ken Loeffel

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$0
1998 Expenditures	$338,739
1999 Expenditures	$368,524
Total Expenditures to Date	$707,263
Encumbrances	$2,452,844
Available Balance	$851,593

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	05/1999
Complete Final Plans & Specifications	12/1999
Begin Construction	03/2000
Complete Construction	12/2002
Scheduled Project Closeout	06/2003

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA325 - GMIA New Parking Facilities

An appropriation of $19,600,000 is budgeted for Phase Two – Design and Relocation, of the expanded parking structure at General Mitchell International Airport (GMIA).

Airport staff is in the process of retaining a consultant to design and a consultant to manage the construction of the second parking garage. Phase 1 was a study conducted with the parking site selection committee recommending Alternate B-1. This alternate located the structure immediately north and adjacent to the current parking structure. The plan calls for the construction of a new 5,000 space six level parking garage to be built in two parts. Part one would include parking spaces for about 3,000 vehicles and would provide adequate capacity until the year 2007 under anticipated parking projections. Part two would include about 2,000 spaces and could be constructed in the future when parking demand warrants the need. In order to maintain an anticipated construction schedule with a completion date of 2003, monies will have to be allocated in the 2000 budget for relocation work of a wide variety of infrastructure items.

The work that will be done under this appropriation will consist of primarily the following items: utility relocation, roads, bridges, parking lots, power plant relocation, a new ground transportation center, security equipment, new signage, replacement of the existing Northwest Airline maintenance facility, unified cart wash building and relocation of Avis and Hertz rental car agency's service areas.

This project is needed to provide adequate patron parking to accommodate the air travelers using GMIA.

It is anticipated that project financing will be provided from Airport Revenue bonds.

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. Specialized consultants my be retained as needed for: archaeological surveying; soils/materials/environmental testing and assessments; construction surveying; specialized legal counsel through the Corporation Counsel; appraisers/ negotiators; title search consultants, etc. as required to complete planning, design and construction

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WA332	GMIA, School/Church Sound Insulation	

Requesting Department or Agency	Functional Group
Airports	Transportation

Department Priority	Person Completing Form	Date
	Ken Vick	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$7,516,995	$4,199,900	$405,000	$0	$2,912,095
1999	$3,000,000	$0	$0	$0	$3,000,000
2000	$2,000,000	$0	$0	$0	$2,000,000
2001	$2,500,000	$0	$0	$0	$2,500,000
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$15,016,995	$4,199,900	$405,000	$0	$10,412,095

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$600,000	$380,000	$2,500,000	$3,480,000
Construction & Implementation	$2,400,000	$1,620,000	$0	$4,020,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$7,516,995	$0	$0	$7,516,995
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$580,000	$380,000	$0	$960,000
DPW Charges	$20,000	$20,000	$0	$40,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$2,400,000	$1,600,000	$0	$4,000,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$7,516,995	$0	$2,500,000	$10,016,995
Total Project Cost	$10,516,995	$2,000,000	$2,500,000	$15,016,995

Budget Year Financing

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

Cost Estimates Prepared By	Terrell, Hundley and Carroll	DPW Review By	C. Barry Bateman

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$2,405,980
1998 Expenditures	$777,385
1999 Expenditures	$1,158,013
Total Expenditures to Date	$4,341,378
Encumbrances	$1,290,921
Available Balance	$4,884,696

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	02/2000
Complete Final Plans & Specifications	03/2000
Begin Construction	04/2000
Complete Construction	11/2000
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WA332 - GMIA - School/Church Sound Insulation

An appropriation of $2,000,000 is budgeted to continue the Homeowner's Protection Program (HOPP) to assist schools and churches with Airport noise mitigation. The General Mitchell International Airport Part 150 Noise Compatibility study recommended a mitigation program offering sound insulation to 11 schools, one nursing home, and two churches. The program is divided into two Phases. Phase I includes 7 schools and 1 nursing home. Phase II includes 4 schools and 2 churches. 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; others are not presently scheduled and are noted TBA (to be announced).

Phase I		Phase II	
Hamlin Garland School	Completed 1996	Cedar Hills School	TBA
St. Paul's School	Completed 1997	Fernwood School	TBA
Parkview Elementary School	Scheduled 1998	Cudahy High School	Deleted
Clement Avenue School	Scheduled 1999	Cudahy Pre-School	Deleted
Victory School	Scheduled 2000	St. Paul's Church	TBA
MATC	Scheduled 2001	St. Stephen's Church	TBA
St. Stephen's School	Closed, Deleted		
South Shore Nursing Home	Completed 1996		

The 2000 appropriation of $2,000,000 will be combined with an approximate $1.9 million anticipated carryover from 1999 to complete the sound insulation effort on Victory School in 2000.

The sound insulation program provides appreciably lower interior noise levels inside these noise sensitive structures. The sound insulation program provides attic insulation, replacement acoustical windows and doors, and associated HVAC and electrical work. In return for these improvements, the airport receives an avigation easement over the sound insulated property.

Previously this project has been financed with a combination of Federal and State grant funds and Passenger Facility Charge (PFC) revenues. The year 2000 budget amount of $2,000,000 will be financed with pay-as-you-go PFC revenues.

DPW Staffing Plan

The Department of Public Works Project Manager for this project will be C. Barry Bateman. A consultant, Terrell, Hundley and Carroll, has been hired to perform the mitigation.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 2
HIGHWAYS AND BRIDGES

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WH201	County Highway Action Program	

Requesting Department or Agency	Functional Group
Highways and Bridges	Transportation

Department Priority	Person Completing Form	Date
	Robert F. Doren	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$30,238,515	$3,932,445	$3,379,250	$7,345,896	$15,580,924
1999	$6,095,000	$1,540,000	$1,314,354	$1,398,500	$1,842,146
2000	$9,771,500	$7,654,800	$0	$962,000	$1,154,700
2001	$6,645,000	$5,004,000	$0	$450,000	$1,191,000
2002	$5,205,000	$3,903,750	$0	$520,500	$780,750
2003	$5,000,000	$3,750,000	$0	$500,000	$750,000
2004	$4,206,485	$3,150,000	$0	$420,000	$636,485
SUBSEQUENT	$1,000,000	$800,000	$0	$100,000	$100,000
TOTAL	$68,161,500	$30,067,245	$4,693,604	$11,881,396	$21,519,255

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$1,780,000	$751,500	$20,206,485	$22,737,985
Construction & Implementation	$4,315,000	$9,020,000	$1,850,000	$15,185,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$30,238,515	$0	$0	$30,238,515
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$977,638	$2,315,000	$0	$3,292,638
DPW Charges	$2,096,942	$220,500	$0	$2,317,442
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$341,709	$0	$0	$341,709
Roadway Plng & Construction	$7,288,716	$7,236,000	$0	$14,524,716
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$25,628,510	$0	$22,056,485	$47,684,995
Total Project Cost	$36,333,515	$9,771,500	$22,056,485	$68,161,500

Budget Year Financing

Federal, State and Local Aids	$8,616,800
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$151,500
G.O. Bonds and Notes	$1,003,200
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$9,771,500

Cost Estimates Prepared By	Robert Doren	DPW Review By	Stephen Kammuiru

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	$22,695,092
1998 Expenditures	$5,015,775
1999 Expenditures	$666,648
Total Expenditures to Date	$28,377,515
Encumbrances	$1,887,969
Available Balance	$6,068,031

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

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH201 - County Highway Action Program

An appropriation of $9,771,500 is budgeted for the County Highway Action Program. The series of projects will be financed by reimbursement revenue of $8,616,800, power plant revenues of $151,500 and general obligation bonds of $1,003,200.

County Highway Action Program: Current Commitments

The Year 2000 marks the 15th year of the County Highway Action Program (CHAP). This program of projects was initiated to expedite the reconstruction of heavily-used County Trunk Highway (CTH) segments, which could not be financed under normal highway programs because of limited Federal/State aids. This program recognized the lack of this type of funding by placing the emphasis on a combined County and local municipal agreement for project cost sharing.

In 1999, Congress adopted the Transportation Efficiency Act for the 21st Century (TEA 21), which re-authorized the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991. TEA-21 serves as the Federal government's commitment to provide funding for transportation programs throughout the United States. TEA-21 legislation establishes Federal funding levels for a six-year period (Funding Years – 1999 to 2005). TEA-21 includes numerous funding programs, which are administered by the various state departments of transportation. One such program is the Surface Transportation Program – Urban (STP-U). The STP-U program is the Federal funding source for certain CHAP projects.

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 by the County and the municipality.

Listed below are the subprojects budgeted under the current commitment of CHAP projects:

Subproject	Project Description	County Executive Recommended	Federal Revenue	Local Revenue	County Commitment	Bond Amount
WH201010	CTH Permit Review	$65,000	0	0	$65,000**	
WH201100	CTH Development Review	$65,500	0	0	$65,500**	
WH201110	CTH Bridge Program Admin.	$21,000	0	0	$21,000**	
WH201032	Construction: Layton (S. 108th St. to -S. 84th St.)	$6,170,000	$4,908,000	$617,000 (from Greenfield)	$645,000	$645,000
WH201062	Construction: Beloit Rd. (108th St. – 103rd St.	$2,850,000	$2,274,800	$285,000 (from Greenfield)	$290,200	$290,200
WH201131	Reconstruct CTH "W" Port Washington Rd.	$600,000	$472,000	$60,000	$68,000	$68,000
Total:		$9,771,500	$7,654,800	$962,000	$1,154,200	$1,003,200

** These projects are to be financed with power plant revenues.

WH201010: CTH Permit Review, WH201100: CTH Development Review, WH201110: CTH Bridge Program Administration – These projects finance the staff costs for the Transportation Services Division in its assessment of facility conditions and proposed development and access issues on the County Trunk Highway System.

WH201032: Construction: Layton (S. 108th St. to -S. 84th St.) – This subproject received an appropriation of $345,000 in the 1999 Capital Improvements Budget. With this funding, the Department of Public Works has nearly completed the project design. The preliminary engineering documents are due to the Wisconsin Department of Transportation (WisDOT) in September 1999 and the bid letting is scheduled for February 2000. Right-of-way

WH201 - County Highway Action Program (contd.)

acquisition is also currently underway but slightly delayed due to staff shortages at WisDOT. With the budgeted appropriation for 2000, DPW will expand the roadway between South 108th and South 84th Streets in order to accommodate existing future traffic volume. In addition, the bridge over the Root River will be replaced.

WH201062: Construction: Beloit Rd. (108th St. – 103rd St.) – This subproject received an appropriation of $250,000 in the 1999 Adopted Capital Improvements Budget to undertake preliminary engineering. DPW received authorization to proceed from WisDOT in late June 1999. With the notice to proceed in hand, DPW is now updating the construction documents. A bid letting is still scheduled to occur in 2000 for the construction phase of the roadway, which is to be funded by the budgeted appropriation.

WH201131: Preliminary Engineering CTH "W" – Preliminary engineering will be conducted on North Port Washington Road between West Good Hope Road and West Laramie Road in the communities of Bayside, Glendale and Fox Point. The Department of Public Works will be pursuing Federal funding for the project under the STP-U program. Each of the three municipalities will contribute a pro-rated share of the local funding, which will not exceed 10 percent of the eligible project cost. In 2001, construction is anticipated to begin at a cost of $4,000,000.

DPW Staffing Plan

Overall DPW staff will perform project management. The DPW project manager will be Robert F. Doren. Specialized consultants may be used for some components of the basic planning and design and construction management phases of the project, as needed. Specialized consultants may be retained for, but not limited to, archaeological surveys, soil investigations, materials testing, environmental testing, design services, construction surveying, construction inspection, construction management, etc., as required to complete the planning and design, land acquisition, and construction.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WH202	Sixth Street Viaduct Replacement	

Requesting Department or Agency	Functional Group
Highways and Bridges	Transportation

Department Priority	Person Completing Form	Date
	Robert f. Doren	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$133,058	$0	$0	$0	$133,058
1999	$0	$0	$0	$0	$0
2000	$135,000	$7,500	$0	$0	$127,500
2001	$300,000	$0	$0	$0	$300,000
2002	$500,000	$0	$0	$0	$500,000
2003	$500,000	$0	$0	$0	$500,000
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$1,568,058	$7,500	$0	$0	$1,560,558

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$135,000	$1,300,000	$1,435,000
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$133,058	$0	$0	$133,058
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$143	$0	$0	$143
Professional Services	$0	$125,000	$0	$125,000
DPW Charges	$1,362	$10,000	$0	$11,362
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$131,553	$0	$1,300,000	$1,431,553
Total Project Cost	$133,058	$135,000	$1,300,000	$1,568,058

Budget Year Financing

Federal, State and Local Aids	$7,500
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$127,500
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$135,000

Cost Estimates Prepared By	Robert Doren	DPW Review By	Stephen Kamuiru

Project Useful Life (Years)	50

Project Fiscal Status

Prior Years Expenditures	$113,779
1998 Expenditures	$1,506
1999 Expenditures	
Total Expenditures to Date	$115,285
Encumbrances	
Available Balance	$17,773

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

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH202 - Sixth Street Viaduct Replacement

An appropriation of $135,000 is budgeted for the continuation of the design phase for the Sixth Street Viaduct Replacement project. The Federal share is $7,500 and the County commitment in bond financing is $127,500.

The $135,000 appropriation includes $10,000 for Department of Public Works staff time. The balance of $125,000 is for the City of Milwaukee design consultant costs. The County is authorized to bill the Wisconsin Department of Transportation (WisDOT) for its staff time at a rate of 75 percent. Therefore, the County will be reimbursed $7,500 for $10,000 of DPW staff time.

The viaduct extends Sixth Street over the Menomonee Valley in the City of Milwaukee. This 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.

Construction Phase

The County adopted a revised project scope in 1999 that increased the estimated project total cost to approximately $60,000,000. This provides for the cost of the final design, right-of-way acquisition and construction of the bridge. The County's commitment is not to exceed $1,300,000 for this phase of the project.

In response to a City of Milwaukee petition to undertake the reconstruction of the Sixth Street Viaduct, WisDOT held a public hearing and subsequently determined that the State would pay 75 percent and Milwaukee County and the City of Milwaukee would each contribute 12.5 percent.

In April 1999, a governmental agreement was negotiated to divide approximately $241 million in Interstate Construction Estimate Substitute Project (ICE) funding between the State and localities. This agreement included funds for this project in accordance with the following:

> "Replacement of the Sixth Street Viaduct, a vital link between the south side of the City and the downtown area, is estimated at $60 million. The State is contributing $43 million to the project and local governments are contributing $17 million. Contracts will be let in November 1999 and construction is expected to begin in 2000."

The 2000 appropriation to fund planning and design costs is not part of the agreement described above. The planning and design phase was negotiated in an earlier agreement. The financing for the right-of-way acquisition and construction phase of the Sixth Street Viaduct project is as follows:

Entity	Total Contribution	ICE Entitlement	Match
State	$43,000,000	$36,500,000	$6,500,000
City/County	$17,000,000	$14,500,000	*$2,500,000
Total:	$60,000,000	$51,000,000	$9,000,000

*The total match to be provided by the County will be approximately $1.3 million spread out over three years beginning in 2001.

DPW Staffing Plan

The DPW project manager will be Robert F. Doren. The City of Milwaukee and consultants will perform basic planning and design, and project management for this project. The Wisconsin Department of Transportation will perform construction management.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WH203	Major Rehabilitation - CTH	

Requesting Department or Agency	Functional Group
Highways and Bridges	Transportation

Department Priority	Person Completing Form	Date
	Robert F. Doren	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$1,744,860	$0	$524,650	$0	$1,220,210
1999	$500,000	$0	$150,000	$0	$350,000
2000	$2,548,500	$0	$939,150	$0	$1,609,350
2001	$575,000	$0	$212,500	$0	$362,500
2002	$2,050,000	$0	$950,000	$0	$1,100,000
2003	$1,500,000	$0	$0	$0	$1,500,000
2004	$1,000,000	$0	$0	$0	$1,000,000
SUBSEQUENT	$1,000,000	$0	$0	$0	$1,000,000
TOTAL	$10,918,360	$0	$1,463,800	$0	$9,454,560

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$500,000	$48,500	$4,125,000	$4,673,500
Construction & Implementation	$0	$2,500,000	$2,000,000	$4,500,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$1,744,860	$0	$0	$1,744,860
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$150,000	$0	$0	$150,000
DPW Charges	$350,000	$278,500	$0	$628,500
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$2,270,000	$0	$2,270,000
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$1,744,860	$0	$6,125,000	$7,869,860
Total Project Cost	$2,244,860	$2,548,500	$6,125,000	$10,918,360

Budget Year Financing

Federal, State and Local Aids	$939,150
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$48,500
G.O. Bonds and Notes	$1,560,850
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$2,548,500

Cost Estimates Prepared By	DPW Review By
Robert Doren	Stephen Kamiuru

Project Useful Life (Years)	15

Project Fiscal Status

Prior Years Expenditures	$170,607
1998 Expenditures	$342,052
1999 Expenditures	$44,279
Total Expenditures to Date	$556,938
Encumbrances	$12,072
Available Balance	$1,675,850

Project Annual Operating Costs

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

Project Schedule

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

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH203 - Major Rehabilitation

An appropriation of $2,548,500 is budgeted for the continuation of the Major Rehabilitation Program of County Trunk Highways (CTH). The total contribution from the State is $939,150. The County share is $1,609,350 of which $48,500 is recommended to be derived from power plant sale revenues and $1,560,850 from bonds.

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

WH203011: Major Rehabilitation Pavement Management Database – The Department of Public Works will continue to utilize a consultant 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 coordinate 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. A 2000 appropriation of $48,500 is included to cover the estimated cost of staff time, which is not reimbursable by the State. Therefore, the County's commitment for this subproject is 100 percent and will consist of tax levy funding.

WH203022: Resurfacing W. Layton Avenue, 76th to 84th Sts. – This subproject was approved for preliminary engineering in 1999. The 2000 appropriation is for construction. The rehabilitation of the West Layton Avenue and South 76th Street roadways is being combined with subproject WH20103 – Reconstruction of West Layton Avenue under the County Highway Trunk Program.

Subproject	Project Description	County Executive Recommended	State Revenue	County Commitment
WH203011	Pavement Management Database	$48,500	$0	$48,500**
WH203022	Construction: 1. CTH "Y" – W. Layton Ave. Between S. 84th St. and S. 76th St.	$2,500,000	$939,150	$1,560,850
Total:		$2,548,500	$939,150	$1,609,350

** This project is to be financed with power plant revenues.

DPW Staffing Plan

DPW staff will perform project management. The DPW project manager will be Robert F. Doren. 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.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WH216	Traffic Signal Equipment and Software Upgrade	

Requesting Department or Agency	Functional Group
Highways and Bridges	Transportation

Department Priority	Person Completing Form	Date
	Fred V. Abadi	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$700,000	$0	$0	$0	$700,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$700,000	$0	$0	$0	$700,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$50,000	$0	$110,000
Construction & Implementation	$0	$650,000	$0	$590,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$100,000	$0	$100,000
DPW Charges	$0	$60,000	$0	$60,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$490,000	$0	$490,000
Other Expenses	$0	$50,000	$0	$50,000
Total Project Cost	$0	$700,000	$0	$700,000

Budget Year Financing

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

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Fred Abadi	Stephen Kamuiru	20

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	September 2000
Complete Preliminary Plans	October 2000
Complete Final Plans & Specifications	October 2000
Begin Construction	October 2000
Complete Construction	October 2000
Scheduled Project Closeout	October 2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH216 - Traffic Signal Equipment and Software Upgrade

An appropriation of $700,000 is budgeted to upgrade traffic signal system software as well as the traffic signal controllers at 70 intersections and ten master controllers. This project will be financed by general obligation bonds.

The system software (LM System) used to download/upload signal timing from the DPW traffic control room at the Courthouse Annex to the closed loop systems along the County Trunk Highway (CTH) systems only operates on a DOS system. According to IMSD staff, software systems operating on DOS are not Year 2000 compliant and should be replaced.

Although the software for the newer controller models operates in the Windows environment, the manufacturer has decided not to upgrade the software for the models owned by the County (TCT LMD 8000 series). According to Wisconsin Department of Transportation staff, the manufacturer is in the process of discontinuing the TCT LMD 8000 series.

In order to upgrade the system software, all of the local controllers at County Trunk intersections (70 units) and the master controllers for the closed loop systems (10 units) must be replaced. The cost of the system upgrade is estimated at $700,000. The system upgrade would take about 6 months to complete. The equipment would be furnished and installed through the normal County Request For Proposals (RFP) process.

Currently, Milwaukee County has closed loop systems along the following County Trunk Highways:

West Good Hope Road - N. Range Road to N. 60th Street
North Port Washington Road - W. Green Tree Road to W. Dean Road
North 43rd Street, North Teutonia Avenue, and West Bradley Road triangle
West Silver Spring Road - N. 103rd Street to N. 124th Street
West Hampton Avenue - N. 107th Street to N. 124th Street
West Oklahoma Avenue - S. 84th Street to S. 92nd Street
South 76th Street - W. Morgan Avenue to W. Grange Avenue
West Layton Avenue - S. 35th Street to S. 92nd Street
East Layton Avenue - S. Pennsylvania Avenue to S. Packard Avenue
West College Avenue - S. 13th Street to 20th Street

The following table reflects a breakdown of the $700,000 cost of the new software:

Equipment (80 controllers at $6,125 each)	$490,000
Consultant	$100,000
Installation Cost	$50,000
DPW Management	$60,000
Total:	$700,000

It is anticipated that the system upgrade will take approximately six months to complete.

DPW Staffing Plan

The Department of Public Works Project Manager will be Fred Abadi. DPW staff and/or a consultant will perform basic planning and design.

WH216 - Traffic Signal Interconnections (contd.)

DPW Staffing Plan
The DPW project manager for this project will be Fred Abadi. DPW staff and/or consultants will perform the basic planning and design.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WH222	National Highway System - West Rawson Avenue	

Requesting Department or Agency	Functional Group
Highways and Bridges	Transportation

Department Priority	Person Completing Form	Date
	Robert F. Doren	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$8,745,000	$6,276,000	$450,000	$964,500	$1,054,500
1999	$6,400,000	$4,880,000	$300,000	$550,000	$670,000
2000	$7,000,000	$5,600,000	$0	$636,000	$764,000
2001	$8,000,000	$6,400,000	$0	$800,000	$800,000
2002	$9,400,000	$7,520,000	$0	$470,000	$1,410,000
2003	$9,500,000	$7,600,000	$0	$950,000	$950,000
2004	$1,000,000	$800,000	$0	$100,000	$100,000
SUBSEQUENT	$1,000,000	$800,000	$0	$100,000	$100,000
TOTAL	$51,045,000	$39,876,000	$750,000	$5,040,500	$5,378,500

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$2,745,000	$0	$0	$2,745,000
Construction & Implementation	$3,655,000	$7,000,000	$28,900,000	$39,555,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$8,745,000	$0	$0	$8,745,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$2,431,922	$1,575,000	$0	$4,006,922
Professional Services	$0	$0	$0	$0
DPW Charges	$911,568	$175,000	$0	$1,086,568
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$203,446	$0	$0	$203,446
Roadway Plng & Construction	$3,655,000	$5,250,000	$0	$8,905,000
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$7,943,064	$0	$28,900,000	$36,843,064
Total Project Cost	$15,145,000	$7,000,000	$28,900,000	$51,045,000

Budget Year Financing

Federal, State and Local Aids	$6,236,000
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$764,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$7,000,000

Cost Estimates Prepared By	DPW Review By
Robert Doren	Stephen Kamuiru

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	$692,970
1998 Expenditures	$839,031
1999 Expenditures	$409,794
Total Expenditures to Date	$1,941,795
Encumbrances	$247,297
Available Balance	$12,955,908

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	September 1999
Complete Preliminary Plans	May 1999
Complete Final Plans & Specifications	September 19999
Begin Construction	May 2000
Complete Construction	November 2001
Scheduled Project Closeout	November 2003

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH222 - National Highway System

An appropriation of $7,000,000 is budgeted for the continuation of the National Highway System Program for the following project.

WH22201: Rawson Avenue (South 51st Street and South 27th Street) – The 2000 appropriation is for reconstruction of Rawson Avenue between 51st Street and South 27th Street in the City of Franklin. The project will be financed by $5,600,000 in Federal revenue, $636,000 in local revenue from the City of Franklin, and a County commitment of $764,000 in bond financing.

Due to the size and complexity of the overall project, the Wisconsin Department of Transportation (WisDOT) required Milwaukee County to break up the project into two construction contracts. Phase one of the project was funded in the 1999 Capital Improvements Budget. Phase one consists of reconstructing West Rawson Avenue between Hawthorne Lane and South 51st Street, including the bridges over the Root River and West Loomis Road.

Phase two, budgeted for 2000, is scheduled to be bid in February 2000 and consists of reconstructing the West Rawson Avenue roadway between South 51st Street and South 27th Street, including the bridges over a tributary of the Root River.

DPW Staffing Plan

DPW staff will perform project management. The DPW project manager will be Robert F. Doren. Specialized consultants may be used for some components of the basic planning and design and construction management phases of the project as needed. Specialized consultants may be retained for, but not limited to, archaeological surveys, soil investigations, materials testing, environmental testing, design services, right-of-way acquisition, construction surveying, construction inspection, construction management, etc., as required to complete the planning and design, land acquisition, and construction.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WH224	Traffic Signal Installation - 86th and Good Hope	
Requesting Department or Agency: Highways and Bridges	Functional Group: Transportation	
Department Priority	Person Completing Form: Fred V. Abadi	Date: 9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$432,414	$0	$0	$56,784	$375,630
1999	$0	$0	$0	$0	$0
2000	$85,000	$0	$0	$42,500	$42,500
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$517,414	$0	$0	$99,284	$411,131

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$241,657	$85,000	$0	$326,657
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$183,758	$0	$0	$183,758
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$46,461	$10,000	$0	$56,461
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$199,727	$75,000	$0	$274,727
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$179,227	$0	$0	$186,226
Total Project Cost	$425,415	$85,000	$0	$517,414

Budget Year Financing

Federal, State and Local Aids	$42,500
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$42,500
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$85,000

Cost Estimates Prepared By	Fred Abadi	DPW Review By	Stephen Kamuiru

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	March 2000
Complete Final Plans & Specifications	March 2000
Begin Construction	June 2000
Complete Construction	October 2000
Scheduled Project Closeout	October 2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WH224 – Signal Improvements – 86th and Good Hope Road

An appropriation of $85,000 is budgeted for the installation of signals at the intersection of 86th Street and Good Hope Road. This project is to be financed by general obligation bonds of $42,500 and a City of Milwaukee contribution of $42,500.

The continued increase in traffic volumes on County Trunk Highways (CTHs) and intersecting local streets has increased the need for traffic signals at various intersections on the CTH system. The intersection of West Good Hope Road and North 86th Street has met the warrants for signals as provided in the Manual on Uniform Traffic Control Devices.

The signalized intersection will provide for safer traffic right-of-way assignment, reduced traffic delay, and air pollution as well as a reduced overall cost of transportation for Milwaukee County residents.

The cost of signalization of the intersection will be shared equally with the City of Milwaukee.

DPW Staffing Plan

The Department of Public Works Project Manager will be Fred Abadi. DPW staff and/or a consultant will perform basic planning and design.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 3
MASS TRANSIT

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WT006	Bus Vacuum System	

Requesting Department or Agency	Functional Group
Mass Transit	Transportation

Department Priority	Person Completing Form	Date
	Ben C. Eruchalu	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$594,300	$475,440	$0	$0	$118,860
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$594,300	$475,440	$0	$0	$118,860

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$53,000	$0	$53,000
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$541,300	$0	$541,300
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$35,000	$0	$35,000
DPW Charges	$0	$18,000	$0	$18,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$541,300	$0	$541,300
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$594,300	$0	$594,300

Budget Year Financing

Federal, State and Local Aids	$475,440
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$118,860
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$594,300

Cost Estimates Prepared By	Ben Eruchalu	DPW Review By	Stephen Kamuiru

Project Useful Life (Years)	12

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	01/2000
Begin Construction	04/2000
Complete Construction	11/2000
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WT006 - Bus Vacuum System

An appropriation of $594,300 is budgeted for the purchase of bus vacuum systems for the Kinnickinnic and Fond du Lac service garages. The Federal share for this project is $475,440, and the County share is $118,860 in bond financing.

All costs are eligible for 80 percent Federal Transit Administration (FTA) reimbursement. A grant application will be filed with the FTA in March 2000 after this project is authorized. Competitive procurement will follow in June 2000.

The current interior cleaning method is a "buck cleaning" system, which is part of the bus washing lines at each of the garages. This system requires the use of an air wand to blow dirt and debris out of the front door of the bus. This cleaning method produces a large amount of dust requiring a secondary hand dusting operation that is labor intensive. In addition, the dust causes many problems with the electrical systems now common on today's buses. According to MCTS, there has been increased maintenance on fareboxes, radios, and destination signs.

The budgeted system uses a central vacuum to rid the bus of dirt and debris resulting in a cleaner bus interior and less frequent maintenance problems.

The financing for each of the systems is as follows:

Project	Project Description	Federal Revenue	County Executive Recommended Commitment
WT00601	Kinnickinnic vacuum	$272,000	$68,000
WT00602	Fond du Lac vacuum	$203,440	$50,860
Total:		$475,440	$118,860

The Kinnickinnic vacuum system is more expensive than the Fond du Lac system because there are more service tracks or wash lines at the garage.

DPW Staffing Plan

The DPW project manager for the Bus Vacuum System project will be Benedict Eruchalu, Transportation Division. MTS staff will act as consultants for specification development.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WT007	Trolley Buses (10 Total)	

Requesting Department or Agency	Functional Group
Mass Transit	Transportation

Department Priority	Person Completing Form	Date
	Ben C. Eruchalu	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$2,625,000	$2,100,000	$0	$0	$525,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$2,625,000	$2,100,000	$0	$0	$525,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$75,000	$0	$75,000
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$2,550,000	$0	$2,550,000
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$50,000	$0	$50,000
DPW Charges	$0	$25,000	$0	$25,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$2,550,000	$0	$2,550,000
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$2,625,000	$0	$2,625,000

Budget Year Financing

Federal, State and Local Aids	$2,100,000
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$525,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$2,625,000

Cost Estimates Prepared By	Ben Eruchalu	DPW Review By	Stephen Kamuiru

Project Useful Life (Years)	12

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	01/2000
Begin Construction	04/2000
Complete Construction	11/2001
Scheduled Project Closeout	12/2001

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WT007 - Trolley Buses

An appropriation of $2,625,000 is budgeted for the purchase of ten trolleys in order to implement two new routes through Downtown. The 80 percent Federal share of $2,100,000 will be provided by the Congestion Mitigation and Air Quality (CMAQ) program. The 20 percent local match of $525,000 from the County will be bond financed.

The CMAQ program provides funding for demonstration projects designed to test the viability of new or improved transit services. CMAQ funding covers up to 80 percent of the cost of new service and associated equipment, with a 20 percent local match.

For the past two years, CMAQ funds have been used to operate Route 81 – Milwaukee Loop, a route designed to connect many popular downtown Milwaukee attractions. The 1999 CMAQ funds will again be used to operate the Milwaukee Loop. Because CMAQ funds can only be used to fund a project for three years, staff has reviewed alternatives to the continued operation of the Milwaukee Loop.

The success of the Milwaukee Loop and the renaissance of downtown Milwaukee, as shown by the opening of the Midwest Express Center and the anticipated opening of the Milwaukee Art Center's Calatrava addition, demonstrates the need for a transportation system that will link downtown attractions.

In response to this challenge, the Milwaukee County Transit System (MCTS) has designed a Downtown Trolley System that builds off the success of the Milwaukee Loop and links Milwaukee's downtown attractions. This trolley system will consist of two routes that will operate through downtown Milwaukee and connect popular attractions. The two routes include one east-west route operating on Wisconsin Avenue from North 10th Street to North Prospect Avenue, and one north-south route operating on North Water Street from Schlitz Park to the Third Ward. The routes will operate seven days a week, 365 days a year. The approximate hours of operation will be 9:00 a.m. until 10:00 p.m. with later evening service on Friday and Saturday. Service frequency will be 6 to 8 minutes depending upon the time of day. A flat fare of $.50 will be charged. Individuals could transfer between the two shuttle routes without payment of another fare. Transfers to regular system routes will require payment of the applicable regular fare. Annual ridership is projected to be 1,063,000, generating new revenue of $425,300.

The annual operating costs of these two routes is projected to be $2,176,400. An application has been made to the Wisconsin Department of Transportation for CMAQ funds to cover 80 percent, or $1,741,000. While Milwaukee County would be responsible for the local share, it is projected that farebox revenue of $425,300 and a commitment from the Downtown Business Improvements District (B.I.D.) #21 of up to $30,000 per year for three years would satisfy this requirement. The Downtown B.I.D. has forwarded a letter of commitment, dated March 12, 1999, for the $30,000.

The success of the Milwaukee Loop is due, in part, to the use of the MCTS trolley buses on the route. These popular vehicles are an attraction by themselves and should continue to be used on the proposed new routes. Currently, the MCTS fleet has three trolley buses. This is an inadequate number to operate the proposed routes. In addition, these vehicles were purchased in 1985 and are beginning to show their age in terms of increased maintenance costs.

The trolley bus is a fully enclosed, all-season bus. It is fully wheelchair accessible with a passive wheelchair step lift and meets all Americans with Disabilities Act (ADA) requirements. The seating capacity is approximately 28 passengers. The engine is diesel powered which is more environmentally friendly than the previous diesel powered engines. It is anticipated that delivery of these vehicles would occur in mid-year 2000.

DPW Staffing Plan

The DPW project manager for this Trolley Bus project will be Benedict Eruchalu, Transportation Division. MTS staff is handling the planning and assembly inspection (construction management) functions. All costs are eligible for 80 percent FTA reimbursement.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WT257	Bus Replacement Program - GMC 5300 & Articulated (120 Total)	

Requesting Department or Agency	Functional Group
Mass Transit	Transportation

Department Priority	Person Completing Form	Date
	Ben C. Eruchalu	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$30,000	$24,900	$0	$0	$5,100
1999	$15,465,562	$12,411,000	$0	$0	$3,054,562
2000	$7,777,700	$6,455,491	$0	$0	$1,322,209
2001	$7,777,862	$6,455,625	$0	$0	$1,322,237
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$31,051,124	$25,347,016	$0	$0	$5,704,108

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$235,562	$0	$0	$235,562
Construction & Implementation	$15,260,000	$122,700	$7,777,862	$23,160,562
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$7,655,000	$0	$7,655,000
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$175,562	$92,700	$0	$268,262
DPW Charges	$45,545	$30,000	$0	$75,545
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$15,260,000	$7,655,000	$0	$22,915,000
Other Expenses	$14,455	$0	$7,777,862	$7,792,317
Total Project Cost	$15,495,562	$7,777,700	$7,777,862	$31,051,124

Budget Year Financing

Federal, State and Local Aids	$6,455,491
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$1,322,209
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$7,777,700

Cost Estimates Prepared By	Ben Eruchalu	DPW Review By	Stephen Kamuiru

Project Useful Life (Years)	12

Project Fiscal Status

Prior Years Expenditures	$0
1998 Expenditures	$30,000
1999 Expenditures	
Total Expenditures to Date	$30,000
Encumbrances	$14,052,634
Available Balance	$1,412,928

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	01/2000
Begin Construction	04/2000
Complete Construction	11/2001
Scheduled Project Closeout	12/2001

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WT257 - Replacement 1966-67 GMC 5300 Series & 1985 Crown Articulated Buses (120 Total)

An appropriation of $7,777,700 is budgeted for the purchase of 30 New Flyer buses. The Federal share is $6,455,491 and the County share is $1,322,209 in general obligation bonds.

This budgeted appropriation continues the replacement of two series of buses – the GMC 5300 Series and 1985 Crown Articulated – for a total of 120 buses. Each series of buses has reached the end of their 12-year service lives. The replacement of these series began in 1999 with 60 buses. The remaining 60 buses will be purchased over the next two years – 30 in 2000 and 30 in 2001.

In the next few years, MCTS plans to replace 141 Neoplan/Gillig buses. These purchases will occur in budget years 2001-03.

MCTS owns 545 buses, which were purchased between 1965 and 1997. A total of 78 of these were purchased in 1965 and 1966. The first buses to be replaced are determined by their general reliability and maintenance cost; the least reliable and most costly to maintain are retired first.

Replacement of these buses allows for fleet standardization, Americans with Disabilities Act (ADA) accessibility, improved fuel economy, and reduced exhaust emissions for cleaner air. New buses include electronic fareboxes and pre-wiring for the Automatic Vehicle Location (AVL) Radio System.

The Federal Transit Administration (FTA), which currently participates in 83 percent of the capital cost of replacement buses, requires that they remain in revenue service for a minimum of 12 years. In order to achieve this service life, mid-life inspections, or maintenance, is performed which, at a minimum, rebuilds the engine and transmission as well as rebuilding or replacing other major bus components.

All costs are eligible for 83 percent FTA reimbursement. A Section 5309 discretionary grant application was filed with FTA in March 1997 and March 1998. The Resolution, File No. 99-154, assured local funding in the 2000 budget. The remaining buses will be purchased in the future using 5307 formula funds or 5309 discretionary funds.

Bus Delivery Schedule

Type	Quantity	Budget Year	Delivery Date
New Flyer	60	1999	Late 1999
New Flyer	30	2000	4/30/00
New Flyer	30	2001	4/30/01
	Total: 120		
Unknown	30	2001	4/30/01
Unknown	60	2002	4/30/02
Unknown	51	2003	4/30/03
	Total: 141		

DPW Staffing Plan

The DPW project manager for this Bus Replacement RTS-II project will be Benedict C. Eruchalu, Transport Division. MTS staff is handling the planning and assembly inspection (construction management) functions.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WT262	Automatic Passenger Counters	

Requesting Department or Agency	Functional Group
Mass Transit	Transportation

Department Priority	Person Completing Form	Date
	Ron Rutkowski	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$613,200	$490,560	$0	$0	$122,640
1999	$0	$0	$0	$0	$0
2000	$64,000	$0	$0	$0	$64,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$677,200	$490,560	$0	$0	$186,640

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$600,000	$64,000	$0	$664,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$13,200	$0	$0	$13,200
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$0	$0	$0
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$600,000	$0	$0	$600,000
Other Expenses	$13,200	$64,000	$0	$77,200
Total Project Cost	$613,200	$64,000	$0	$677,200

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$64,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$64,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Ron Rutkowski	Stephen Kamuiru	12

Project Fiscal Status

Prior Years Expenditures	$27,283
1998 Expenditures	$1,525
1999 Expenditures	
Total Expenditures to Date	$28,808
Encumbrances	$546,907
Available Balance	$37,485

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	NA
Complete Final Plans & Specifications	Completed
Begin Construction	NA
Complete Construction	NA
Scheduled Project Closeout	09/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WT262 – Automatic Passenger Counters

An appropriation of $64,000 is budgeted for the purchase of an Automatic Passenger Counter (APC) and Reporting System. The project will be financed by general obligation bonds.

The system serves to count the number of passengers boarding buses. Prior to the implementation of the APCs, the Milwaukee County Transit System manually counted the number of passengers through corner checks conducted by traffic checkers.

Previous appropriations to the project from 1995 and 1998 total $613,200. There is approximately $64,000 in unspent bonds remaining in the project which must be expended by November 1999. However, the project will not be able to spend this amount by that time. As a result, the bonds will be lapsed. The bonds have not been spent because the vendor for this equipment went out of business.

DPW Staffing Plan

The DPW project manager will be Ronald J. Rutkowski, Transportation Division. Milwaukee Transit Services staff will handle installation oversight.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 4
ENVIRONMENTAL SERVICES

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WV004	LJT - Drainage Embankment	

Requesting Department or Agency	Functional Group
Airports	Transportation

Department Priority	Person Completing Form	Date
	Ken Vick	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$330,000	$0	$0	$220,000	$110,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$330,000	$0	$0	$220,000	$110,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$30,000	$0	$30,000
Construction & Implementation	$0	$300,000	$0	$300,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$6,000	$0	$6,000
DPW Charges	$0	$24,000	$0	$24,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$300,000	$0	$300,000
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$330,000	$0	$330,000

Budget Year Financing

Federal, State and Local Aids	$220,000
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$0
Airport Reserve	$110,000
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$330,000

Cost Estimates Prepared By	Mead and Hunt	DPW Review By	Gary Mick

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	08/1999
Complete Final Plans & Specifications	12/1999
Begin Construction	03/2000
Complete Construction	08/2000
Scheduled Project Closeout	11/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WV004 – LJT - Drainage Embankment

An appropriation of $330,000 is budgeted to construct a dry detention basin with a three-foot levee adjacent to Hampton Avenue at Lawrence J. Timmerman Airport.

Lawrence J. Timmerman (LJT) Airport, located on the northwest side of Milwaukee County, is a part of the Menomonee River watershed. Over the last several years, significant flooding has occurred downstream from LJT and LJT has been identified as a large contributor to the problem. In 1998, Milwaukee County received a grant from the Wisconsin Department of Natural Resources Priority Watershed Program for storm water management planning on Grantosa Creek. The storm water management study was to involve updating the hydrology and hydraulics of an earlier report. Milwaukee County then retained a consultant to review the old data and prepare a new storm water management plan whose report indicated that storm water runoff from the airport is the main cause of flooding near Hampton Avenue. The report went further to recommend utilizing the area between the elevated runways as temporary detention basins. By constructing a dry detention basin, storm runoff water can be detained and a positive effect on downstream drainage can be obtained. The water surface in the dry detention basin would only rise to a level well below the lowest runway elevation and not impact airport operations. A small opening in the levee would drain the detention area in smaller storm events. In the event of significant rainfall (a 100-year storm), drainage could take up to 12 hours.

The Drainage Embankment project is a joint effort of six different municipalities and agencies, including Milwaukee County, to reduce flooding, improve water quality, and develop a cost-sharing strategy. The long-term goal is flood control and decreased property damage.

Without this project, flooding would persist downstream, and any other flood improvements made would not be as effective. In addition, Menomonee River water quality would continue to be highly degraded.

The project will be cost shared with other governmental agencies, with the actual airport phase to be one-third of the total dollar amount. That is, the Airport will be reimbursed two-thirds of the $330,000 or $220,000. The local share would be obtained from the Airport Capital Improvement Reserve account.

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. Specialized consultants may be retained as needed for: archaeological surveying; soils/materials/environmental testing and assessments; construction surveying; specialized legal counsel through the Corporation Counsel; appraisers/negotiators; title search consultants, etc., as required to complete planning, design and construction.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WV376	Underground Storage Tank Program - Old Coast Guard Property	

Requesting Department or Agency	Functional Group
Environmental Services	Transportation

Department Priority	Person Completing Form	Date
	Gary Mick	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$1,471,486	$0	$11,963	$0	$1,459,523
1999	$0	$0	$0	$0	$0
2000	$75,000	$0	$30,000	$0	$45,000
2001	$15,000	$0	$6,000	$0	$9,000
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$1,561,486	$0	$47,963	$0	$1,513,523

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$35,000	$0	$35,000
Construction & Implementation	$21,000	$40,000	$15,000	$76,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$1,450,486	$0	$0	$1,450,486
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$20,000	$0	$20,000
Professional Services	$0	$9,000	$5,000	$14,000
DPW Charges	$5,000	$6,000	$0	$11,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$16,000	$40,000	$0	$56,000
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$1,450,486	$0	$10,000	$1,460,486
Total Project Cost	$1,471,486	$75,000	$15,000	$1,561,486

Budget Year Financing

Federal, State and Local Aids	$30,000
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$45,000
G.O. Bonds and Notes	$0
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$75,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Mick/Chen	Gary Mick	50

Project Fiscal Status

Prior Years Expenditures	$1,450,486
1998 Expenditures	$21,000
1999 Expenditures	
Total Expenditures to Date	$1,471,486
Encumbrances	$0
Available Balance	$0

Project Annual Operating Costs

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

Project Schedule

Complete Site Acquisition	N/A
Complete Preliminary Plans	01/2000
Complete Final Plans & Specifications	02/2000
Begin Construction	03/2000
Complete Construction	10/2000
Scheduled Project Closeout	01/2001

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WV376 - Underground Storage Tank Program - Old Coast Guard Station

An appropriation of $75,000 is budgeted to provide for site investigation and remediation of the underground storage tanks at a Milwaukee County owned property (the Old Coast Guard facility) located at 1750 North Lincoln Memorial Drive in the City of Milwaukee.

Appropriations carried over from 1997 were used in 1998 to do tank removal and determine the existence of soil and/or groundwater contamination. The 2000 appropriation will be used to quantify the extent of and remediate the soil contamination found at this site. The County received a "Responsible Party" notice from the Wisconsin Department of Natural Resources (DNR) on February 4, 1999 to restore the environment of the subject property. Failure to do so in a timely manner will expose Milwaukee County to citations and fines.

The project cost for 2000 is $75,000. Financing will be provided by DNR appropriations of $30,000 and general obligation bonds of $45,000.

DPW Staffing Plan

A DPW Environmental Services staff person will serve as project manager and owner services representative. Proposed consultant services will be obtained through the request for proposal process.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WV378	Nonpoint Source Pollution Control Program - Wisconsin Avenue Lagoon	

Requesting Department or Agency	Functional Group
Environmental Services	Transportation

Department Priority	Person Completing Form	Date
	Gary Mick	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$1,782,600	$0	$1,015,740	$240,000	$526,860
1999	$84,000	$0	$58,800	$0	$25,200
2000	$517,000	$0	$204,000	$0	$313,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$2,413,600	$0	$1,278,540	$302,600	$832,460

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$87,000	$0	$87,000
Construction & Implementation	$84,000	$430,000	$0	$544,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$1,782,600	$0	$0	$1,782,600
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$520,720	$51,600	$0	$572,320
Professional Services	$39,055	$24,500	$0	$63,555
DPW Charges	$23,770	$4,400	$0	$28,170
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$6,500	$0	$6,500
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$1,261,000	$430,000	$0	$1,691,000
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$22,055	$0	$0	$52,055
Total Project Cost	$1,866,600	$517,000	$0	$2,413,600

Budget Year Financing

Federal, State and Local Aids	$204,000
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$26,990
G.O. Bonds and Notes	$223,410
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$62,600
Other Revenue	$0
Total Budget Year Financing	$517,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Mick/Chen	Greg High	20

Project Fiscal Status

Prior Years Expenditures	$838,182
1998 Expenditures	$406,079
1999 Expenditures	$37,301
Total Expenditures to Date	$1,281,561
Encumbrances	$92,265
Available Balance	$492,773

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	03/2000
Complete Final Plans & Specifications	05/2000
Begin Construction	07/2000
Complete Construction	12/2000
Scheduled Project Closeout	04/2001

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WV378 - Nonpoint Source Pollution Control Program – Wisconsin Avenue Lagoon

An appropriation of $517,000 is budgeted for the rehabilitation of the Wisconsin Avenue Lagoons (Pond #2 in the NonPoint Program) at the County Grounds.

The Wisconsin Avenue Lagoons, a historical feature of the Grounds, located in front of the original Doyne Hospital (1927 building), have been in need of cleaning, repair and updating for a number of years. Sediments have reduced their depth and volume, the banks are sloughing off and the overflow structures need repair. A public safety issue also needs to be addressed in that people walk across the top of the structures since there is no pedestrian bridge.

The lagoons were identified in the NonPoint Source Pollution Study of the Grounds done in 1995 under a grant from the Wisconsin Department of Natural Resources (DNR). The three lagoons offer an opportunity to use an existing asset to improve stormwater quality at the Grounds. Several new ponds have been built in recent years for this very purpose. The drainage area discharging into these lagoons is not limited to County property.

A study of the subwatershed contributing to the lagoons is being performed in 1999 by a consultant retained under an existing grant from the DNR.

A breakdown of the construction cost is as follows:

Project Element	Estimated Cost
Planning and Design	$87,000
Channel and shoreline rehabilitation	125,000
Dredge the lagoons	119,000
Pedestrian circulation	74,000
Structures	112,000
Total	$517,000

Financing will consist of $204,000 of DNR appropriations, $62,600 in power plant revenues, $26,990 of power plant revenues, and $223,410 of general obligation bonds.

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. Specialized consultants may be retained as needed for: archeological surveys, soils/materials/environmental testing and assessments, construction surveying, specialized legal counsel through the Corporation Counsel, appraisers/negotiators, title search specialists, etc., as required to complete planning, design and construction.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WV382	Winnebago Sealman Block Remediation Clean-up	

Requesting Department or Agency	Functional Group
Environmental Services	Transportation

Department Priority	Person Completing Form	Date
	Gary Mick	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$1,100,000	$0	$440,000	$0	$660,000
1999	$200,000	$0	$80,000	$0	$120,000
2000	$150,000	$0	$60,000	$0	$90,000
2001	$75,000	$0	$30,000	$0	$45,000
2002	$75,000	$0	$30,000	$0	$45,000
2003	$75,000	$0	$30,000	$0	$45,000
2004	$25,000	$0	$10,000	$0	$15,000
SUBSEQUENT	$75,000	$0	$30,000	$0	$45,000
TOTAL	$1,775,000	$0	$710,000	$0	$1,065,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$575,000	$75,000	$250,000	$900,000
Construction & Implementation	$725,000	$75,000	$75,000	$875,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$345,000	$0	$0	$345,000
Professional Services	$60,000	$30,000	$0	$90,000
DPW Charges	$170,000	$0	$0	$170,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$725,000	$120,000	$0	$845,000
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$325,000	$325,000
Total Project Cost	$1,300,000	$150,000	$325,000	$1,775,000

Budget Year Financing

Federal, State and Local Aids	$60,000
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$90,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$150,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Mick/Chen	Gary Mick	50

Project Fiscal Status

Prior Years Expenditures	$24,905
1998 Expenditures	$252,032
1999 Expenditures	$26,486
Total Expenditures to Date	$303,423
Encumbrances	$27,540
Available Balance	$969,038

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	05/1998
Complete Final Plans & Specifications	10/1998
Begin Construction	07/1999
Complete Construction	10/1999
Scheduled Project Closeout	01/2008

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WV382 - Winnebago Sealman Block Remediation Cleanup

An appropriation of $150,000 is budgeted for 2000 to fulfill a contractual agreement between the City of Milwaukee and the County regarding a Milwaukee County Department of Public Works Fleet Maintenance Facility property located at 721 West Winnebago Street, Milwaukee, Wisconsin.

Environmental site characterization/investigation was ordered by the Department of Natural Resources due to off-site migration of petroleum contamination discovered on the Sealman Block Property at 8th Street and Juneau Avenue. The investigation results identified two underground storage tanks, which were formerly abandoned in a concrete block vault (located at the southeast corner of the Winnebago Property), as the main source of contamination.

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.

Prior year expenditures have covered previous remediation costs and construction of additional mitigation equipment to eliminate the source of contamination.

During 2000 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 Wisconsin Department of Natural Resources standards to avoid liability and/or future litigation. Further, costs are incurred for Milwaukee Metropolitan Sewerage District (MMSD) discharge permits for disposal of collected contaminated water as well as DNR vapor discharge permits.

Financing will consist of $60,000 of DNR funding and $90,000 of tax levy.

DPW Staffing Plan

Rudolph Chen, P.E., 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 contaminated soil and groundwater for this project.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 5
DEPARTMENT OF PARKS, RECREATION & CULTURE

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WP001	Boerner Gardens Visitor Center	

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

Department Priority	Person Completing Form	Date
	Paul Hathaway	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$500,000	$0	$0	$500,000	$0
2000	$1,500,000	$0	$0	$1,500,000	$0
2001	$7,000,000	$0	$0	$4,000,000	$3,000,000
2002	$1,000,000	$0	$0	$1,000,000	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$10,000,000	$0	$0	$7,000,000	$3,000,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$500,000	$500,000	$232,000	$1,232,000
Construction & Implementation	$0	$1,000,000	$7,128,000	$8,128,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$640,000	$640,000
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$300,000	$270,000	$0	$570,000
DPW Charges	$200,000	$230,000	$232,000	$662,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$7,128,000	$7,128,000
Land / Land Improvements	$0	$1,000,000	$0	$1,000,000
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$640,000	$640,000
Total Project Cost	$500,000	$1,500,000	$8,000,000	$10,000,000

Budget Year Financing

Federal, State and Local Aids	$1,500,000
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$0
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$1,500,000

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 Expenditures	$44,203
Total Expenditures to Date	$44,203
Encumbrances	$214,394
Available Balance	$241,403

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	02/1999
Complete Final Plans & Specifications	12/2000
Begin Construction	06/2001
Complete Construction	10/2002
Scheduled Project Closeout	12/2002

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP001 – Boerner Botanical Visitors Center

An appropriation of $1,500,000 is budgeted for the site development phase of the Boerner Gardens Visitor Center construction project. This appropriation will be fully offset by the Friends of Boerner Botanical Gardens.

The total cost for the center is $10,000,000, with a commitment of $3,000,000 to be budgeted from the County in 2001 for construction. An appropriation of $500,000 was approved in 1999 for planning which was funded by the Friends of Boerner.

The current Boerner Garden House contains the administrative offices, volunteer offices, a gift shop, restrooms, reception office, and meeting room and 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 now given the growing national interest in gardening and the environment.

The Friends of Boerner Botanical Gardens has expressed a willingness to undertake private fund raising activities in support of the education and visitor center.

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	$7,000,000	$4,000,000	$3,000,000
2001-2002	Furniture & equipment purchases	$1,000,000	$1,000,000	$0
Total		**$10,000,000**	**$7,000,000**	**$3,000,0000**

In addition, Friends of Boerner anticipates establishing an endowment in the amount of $3,000,000 by 2002 for educational programming and garden enhancements.

When completed, the center is expected to offer the following:

- Improved visitor services to enhance the Boerner Botanical Gardens as a major regional tourist attraction
- Expanded year-round educational offerings and special events
- Additional partnership opportunities for research and education
- Additional office and program space
- Enhancement of 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, Friends group activities)

WP001 – Boerner Botanical Visitors Center (contd.)

DPW Staffing Plan

The Department of Public Works staff responsible for overall project management and design will be Thomas J. Van Dalen, Managing Architect. 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.).

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WP003	Lincoln Memorial Drive Reconstruction	

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

Department Priority	Person Completing Form	Date
	Paul Hathaway	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$3,450,000	$0	$0	$0	$3,450,000
2000	$5,311,000	$0	$0	$0	$5,311,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$8,761,000	$0	$0	$0	$8,761,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$5,311,000	$0	$5,311,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$3,450,000	$0	$0	$3,450,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$170,000	$0	$0	$170,000
DPW Charges	$500,000	$595,228	$0	$1,095,228
Capitalized Interest	$0	$0	$0	$0
Park Services	$116,000	$223,641	$0	$339,641
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$2,430,000	$4,492,131	$0	$6,922,131
Equipment & Furnishings	$234,000	$0	$0	$234,000
Other Expenses	$0	$0	$0	$0
Total Project Cost	$3,450,000	$5,311,000	$0	$8,761,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$21,500
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$5,289,500
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$5,311,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
	Stephen Kamuiru	20

Project Fiscal Status

Prior Years Expenditures	$0
1998 Expenditures	$0
1999 Expenditures	$144,254
Total Expenditures to Date	$144,254
Encumbrances	$180,703
Available Balance	$3,125,043

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	05/2000
Begin Construction	07/19/2000
Complete Construction	06/2001
Scheduled Project Closeout	07/2001

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP003 – Lincoln Memorial Drive Reconstruction

An appropriation of $5,311,000 is budgeted for the second phase (Lafayette Hill Road to East Kenwood Boulevard) of the North Lincoln Memorial Drive roadway reconstruction project. This project will be financed by general obligation bonds of $5,289,500 and property tax levy of $21,500.

An appropriation of $3,450,000 was budgeted in 1999 for the reconstruction of Lincoln Memorial Drive between the new addition to the Milwaukee Art Museum (just south of East Mason Street) and Lafayette Hill Road. The Lafayette Hill intersection is also being modified in 1999. The second phase of the reconstruction, between Lafayette Hill Road and East Kenwood Boulevard, will occur in 2000 at a cost of $5,311,000.

The project involves the reconstruction of the entire roadway and its replacement with two travel lanes and localized parking in each direction. The roadway will be divided by a continuous, variable-width-curbed median. Other improvements include the replacement of the failed drainage infrastructure, the installation of a new street lighting system along the outside edge of the roadway, and the installation of an irrigation system and landscaping on the median.

In April 1998, the Parks Department submitted an application for $1,200,000 in Federal Intermodal Surface Transportation Equity Act for the 21st Century (TEA-21, formerly ISTEA) grant funds for the lighting component of the project. Although the Parks Department was notified in January of 1999 that the application had been approved, it was ultimately denied by the Federal government. For this reason, the lighting is budgeted to be financed with general obligation bonds.

In addition, $52,000 is included in this appropriation to adjust the road and repair the pedestrian bridge located next to the Bradford Beach House.

A breakdown of the two phases of this project is as follows:

YEAR	DESCRIPTION	ESTIMATED COST
1999	Roadway reconstruction – East Mason Street (including roadway in front of new Art Museum addition) to Lafayette Hill Road	$3,450,000
2000	Lafayette Hill to East Kenwood Boulevard	$5,311,000
	***Total Cost:**	**$8,761,000**

*This cost includes a 5.5 percent increase of $458,000 for dividing the project into two phases. In addition to physical reconstruction activities, the total estimated cost includes funding for Architecture and Engineering and Park Planning services.

DPW Staffing Plan

Overall Department of Public Works staff will perform project management. The DPW Project Manager during construction will be Bob Doren. The Parks Department will be involved in the planning activities. Specialized consultants may be used for certain components of the construction management phase of the project, as needed. Specialized consultants may be retained for archeological surveys, soils investigation, materials testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required to complete the construction phase of the project.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WP402	O'Donnell Park - Sheet Piling Repair	

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

Department Priority	Person Completing Form	Date
	Greg High	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$150,000	$0	$0	$0	$150,000
2000	$770,000	$0	$0	$0	$770,000
2001	$480,000	$0	$0	$0	$480,000
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$1,400,000	$0	$0	$0	$1,400,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$150,000	$0	$0	$150,000
Construction & Implementation	$0	$770,000	$480,000	$1,250,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$133,000	$0	$0	$133,000
DPW Charges	$11,000	$54,770	$32,610	$98,380
Capitalized Interest	$0	$0	$0	$0
Park Services	$6,000	$34,230	$20,390	$60,620
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$681,000	$407,000	$1,088,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$20,000	$20,000
Other Expenses	$0	$0	$0	$0
Total Project Cost	$150,000	$770,000	$480,000	$1,400,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$770,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$770,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
G.A.S. Inc.	Greg High	40

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	06/1999
Complete Final Plans & Specifications	11/1999
Begin Construction	05/2000
Complete Construction	11/2001
Scheduled Project Closeout	12/2001

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP402 – O'Donnell Park Sheet Piling Repair

An appropriation of $770,000 is budgeted for 2000 for phase one construction of the full-scale repair of the sheet pile wall at O'Donnell Park. This project will be financed by general obligations bonds.

The construction of the O'Donnell Park parking structure was completed in 1990 and is owned and operated by Milwaukee County. In 1996, a routine maintenance inspection uncovered a potential corrosion problem with the exterior surface of a steel sheet pile wall located along the south line of East Wisconsin Avenue and the east line of North Prospect Avenue, adjacent to the underground portion of the parking structure. The sheet pile wall was installed during the construction of the parking structure to retain the soils underlying the adjacent streets.

In 1997, Graef Anhalt Schloemer & Associates, Inc., was retained to perform a study to assess the severity of the problem. Additional investigation was required in 1998 to provide the cause, effect, and recommended cure of the problem as well as construction cost estimates for budget purposes. A report from the consultant, completed in 1999, indicated the cause as a cyclical wetting and drying of the exposed face of the sheet pile wall due to groundwater seepage from behind the wall through the interlocking joints and tieback hole locations. An unusually high level of corrosive contaminants in the groundwater, coupled with a lack of ventilation in a confined area, created an extremely corrosive environment. The report recommended the following:

1. Seal off the seams and holes in the exposed face air side of the sheet pile wall.
2. Clean, prepare, and apply a permanent coating to this exposed face.
3. Install decorative fencing instead of the brick wall to reduce the humidity of the sheet pile environment.
4. Repair the cathodic protection system, which protects the soil side of the wall.

In 1999, an appropriation of $150,000 was included in the Capital Improvements Budget. This appropriation was used to make repairs to the cathodic protection system, which protects the soil side of the wall. In addition, the pilot repair project, which involved a small area of the air side of the wall, was completed. This pilot repair project enabled the Department of Public Works to confirm the recommended repair approach so that those costs could be incorporated into the construction bidding process. Construction bid documents have been completed in anticipation of a spring 2000 construction start.

The phasing for this project is projected as follows:

Construction Element		Total Estimated Cost
Construction Phase I – **2000**		
Site Demolition and Preparation		$ 189,455
Sandblast and Paint Sheet Pile		$ 471,230
Restoration		$ 109,315
	2000 Total	**$ 770,000**
Construction Phase 2 – **2001**		
Site Demolition and Preparation		$ 112,875
Sandblast and Paint Sheet Pile		$ 282,810
Restoration		$ 84,315
	2001 Total	**$480,000**
	Total cost:	**$1,250,000**

WP402 – O'Donnell Park Sheet Piling Repair (contd.)

DPW Staffing Plan

The DPW project manager for this project will be Greg High. Construction management duties such as programming, value engineering, contract administration, and inspection will be shared between DPW staff and the consultant.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WP406	County-Wide Play Area Redevelopment Program	

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

Department Priority	Person Completing Form	Date
	W. Waldron/P. Hathaway	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$1,442,125	$0	$0	$0	$1,442,125
1999	$750,000	$0	$0	$0	$750,000
2000	$750,000	$0	$0	$0	$750,000
2001	$750,000	$0	$0	$0	$750,000
2002	$250,000	$0	$0	$0	$250,000
2003	$250,000	$0	$0	$0	$250,000
2004	$250,000	$0	$0	$0	$250,000
SUBSEQUENT	$500,000	$0	$0	$0	$500,000
TOTAL	$4,942,125	$0	$0	$0	$4,942,125

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$25,000	$0	$45,000	$70,000
Construction & Implementation	$425,000	$300,000	$1,255,000	$1,980,000
Right-of-Way Acquisition	$0	$0	$150,000	$150,000
Equipment	$0	$450,000	$550,000	$1,000,000
Unassigned	$1,742,125	$0	$0	$1,742,125
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$0	$45,000	$45,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$25,000	$35,000	$0	$60,000
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$425,000	$265,000	$400,000	$1,090,000
Land / Land Improvements	$17,196	$0	$0	$17,196
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$300,000	$0	$0	$300,000
Other Expenses	$1,424,929	$450,000	$1,555,000	$3,429,929
Total Project Cost	$2,192,125	$750,000	$2,000,000	$4,942,125

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$750,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$750,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Parks	T. Pritzlaff	20

Project Fiscal Status

Prior Years Expenditures	$1,060,240
1998 Expenditures	$373,887
1999 Expenditures	$39,968
Total Expenditures to Date	$1,474,095
Encumbrances	$51,333
Available Balance	$666,697

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	02/2000
Complete Final Plans & Specifications	03/2000
Begin Construction	04/2000
Complete Construction	10/2000
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP406 – County-Wide Play Areas

An appropriation of $750,000 is budgeted for the Countywide Play Area Redevelopment Program. The program would be financed by general obligation bonds.

The budgeted appropriation would continue needed replacement of aged and unsafe play equipment at 11 parks, including $25,000 for continued play equipment maintenance and replacement parts for the approximately 130 playground areas in the park system.

The play areas designated for replacement are determined by the Playground Equipment Condition Assessment Report that was presented to the County Board by the Parks Department in September 1998. This report 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. A list of play areas to be replaced follows this narrative.

After accounting for this budgeted appropriation, there remains approximately 22 additional play areas to replace out of a total of 45 considered high priorities on this list.

The assessment report was formally adopted by the County Board, as well as a 1999 budget appropriation of $750,000 for the replacement of 12 playground areas at the following parks: Zablocki, Lindsay – Area 2, Madison, Greene, Columbus – Area 1, Kops, Vogel, Holler – Area 2, Algonquin – Area 1, Cudahy – Area 2, Wilson – Area 1 of 2, and Sheridan – Area 1.

DPW Staffing Plan

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

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP406 – County-Wide Play Areas (contd.)

PHASE II PLAYGROUND EQUIPMENT CONDITION RATING SUMMARY		
Priority Rank	**Park Name**	**Estimated Play Area Renovation Cost**
1	Zablocki	$75,000
2	Lindsay – Area 2	$60,000
3	Madison	$75,000
4	Greene	$75,000
5	Columbus – Area 1	$60,000
6	Kops	$60,000
7	Vogel	$60,000
8	Holler – Area 2	$75,000
9	Wil-O-Way-Underwood	$75,000
10	Wil-O-Way-Grant (1 of 2)	$75,000
11	Algonquin – Area 1	$60,000
12	Cudahy – Area 2	$60,000
13	Wilson (1 of 2)	$75,000
14	Sheridan – Area 1	$75,000
15	Alcott	$60,000
16	Kern – Area 1	$75,000
17	Grant – Area 2	$60,000
18	Chippewa	$60,000
19	Washington – Area 2	$60,000
20	Hoyt – Area 1 (Pool)	$60,000
21	Hoyt – Area 2	$75,000
22	Doyne – Area 1	$60,000
23	Copernicus	$75,000
24	K.K. Sports Center	$60,000
25	Popuch	$60,000
26	Juneau	$60,000
27	Grobschmidt Pool	$60,000
28	Estabrook – Area 4	$20,000
29	Doctors	$75,000
30	Root River Parkway – (Picnic Area 1A)	$20,000
31	Maitland – Area 1	$75,000
32	Estabrook – Area 1	Do not replace
33	Root River Parkway – (Picnic Area 3)	$20,000
34	Root River Parkway – (Picnic Area 2 A)	$20,000
35	Estabrook – Area 2	Do not replace
36	Back Bay	$60,000
37	Oak Creek Parkway – Area 3	$20,000
38	Barnard	$60,000
39	Noyes	$75,000
40	Oak Creek Parkway – Area 1	Do not replace
41	Oak Creek Parkway – Area 4	Do not replace
42	Oak Creek Parkway – Area 2	Do not replace
43	Root River Parkway – (Picnic Area 4)	Do not replace
44	Little Men. River Parkway – N. Beal St.	Do not replace
45	Little Men. River Parkway – Park Manor	$20,000
Total:		$2,250,000

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WP411	Parks Infrastructure Improvements	

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

Department Priority	Person Completing Form	Date
	W. Waldron/P. Hathaway	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$24,107,773	$0	$283,054	$0	$23,824,719
1999	$1,907,650	$0	$0	$0	$1,907,650
2000	$2,500,000	$0	$0	$0	$2,500,000
2001	$1,500,000	$0	$0	$0	$1,500,000
2002	$1,500,000	$0	$0	$0	$1,500,000
2003	$1,500,000	$0	$0	$0	$1,500,000
2004	$1,500,000	$0	$0	$0	$1,500,000
SUBSEQUENT	$3,000,000	$0	$0	$0	$3,000,000
TOTAL	$37,515,423	$0	$283,054	$0	$37,232,369

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$440,750	$95,450	$945,000	$1,853,200
Construction & Implementation	$1,466,900	$2,354,550	$10,500,000	$22,504,450
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$50,000	$0	$50,000
Unassigned	$24,107,773	$0	$0	$13,107,773
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$15,000	$0	$0	$15,000
Professional Services	$55,545	$0	$0	$55,545
DPW Charges	$563,857	$239,834	$945,000	$1,748,691
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$155,172	$0	$155,172
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$1,361,900	$580,050	$1,800,000	$3,741,950
Land / Land Improvements	$510,607	$898,194	$0	$1,408,801
Roadway Plng & Construction	$0	$195,750	$0	$195,750
Equipment & Furnishings	$60,000	$40,000	$0	$100,000
Other Expenses	$23,448,514	$391,000	$8,700,000	$30,094,514
Total Project Cost	$26,015,423	$2,500,000	$11,445,000	$37,515,423

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$1,000,000
G.O. Bonds and Notes	$1,050,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$450,000
Total Budget Year Financing	$2,500,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
T. Pritzlaff	Erik Krumins	20

Project Fiscal Status

Prior Years Expenditures	$20,998,602
1998 Expenditures	$2,412,838
1999 Expenditures	$507,325
Total Expenditures to Date	$23,918,764
Encumbrances	$65,302
Available Balance	$1,622,356

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

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP411 – Parks Infrastructure Improvements

An appropriation of $2,500,000 is budgeted for 35 infrastructure improvement subprojects. Financing of the program is budgeted to include power plant sale revenues of $1,000,000, $450,000 in Potawatomi revenue and $1,050,000 in general obligation bonds.

The Parks Department has undertaken several assessments over the past ten years to determine its infrastructure needs. These evaluations include evaluations of physical plant conditions on 108 buildings used as pavilions, pool bathhouses, golf clubhouses, restaurants, and community centers. Assessments have also been undertaken on the roof systems, heating, ventilating, and air conditioning system (HVAC), parks lighting systems, electric service and most recently, playground equipment.

Annual or biennial evaluations of roadways, parking lots, tennis courts, multiple-use recreational trails, and bridges are also prepared by the Department of Public Works.

The $2,500,000 budgeted appropriation for 2000 would provide funding for a number of high-priority infrastructure projects identified through the Parks Department's assessment process. Out-year costs, scope, and timing of the infrastructure subprojects are subject to modification, according to the Parks Department.

In 1999, $1,907,650 was budgeted for 25 subprojects.

The subprojects that are not bondable will be financed by a combination of Potawatomi and power plant revenues and amount to $824,292. These subprojects are designated by "EXP" on the table found on the following page. This abbreviation stands for expensed items that cannot be bonded. The subprojects, which can be bonded, are designated by "CAP" and amount to $1,675,708. This cost will be financed by a combination of general obligation bonds and power plant revenues.

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. Assigned DPW Project Managers will be Eriks Krumins (Architectural Projects) and Greg High (Engineering Projects).

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP411 – Parks Infrastructure Improvements (contd.)

BUDGETED YEAR 2000 PARKS DEPARTMENT INFRASTRUCTURE PROJECTS

LOCATION	DESCRIPTION	ESTIMATE
Lake	Replace storm sewer from pavilion parking lot – CAP	$75,000
Hansen	40' x 80' pole building in service yard – CAP	$62,500
O'Donnell	Ongoing maintenance – EXP	$50,000
Various	Priority repairs – EXP	$100,000
Greenfield Pool	Ongoing maintenance – EXP	$25,000
Lake	Ravine Drive reconstruction and storm sewer – CAP	$215,000
Wilson Rec Center	Repair of cooling tower – EXP	$66,000
Dretzka Bridge	Replace bridge on 4th hole (2) – CAP	$68,750
Various	Golf course tees/drainage – CAP	$75,000
Lindsay	Replace wading pool deck and plumbing – CAP	$112,500
Popuch	Basketball resurfacing/removal of some asphalt – CAP	$57,500
Various	Roof repairs – EXP	$30,000
Kops	Basketball resurfacing/removal of some asphalt – CAP	$58,833
Kletzsch	Repair water main – EXP	$30,000
South Shore	Sewer ejector pump – CAP	$31,250
Various	HVAC – CAP	$30,000
Warnimont	Shoreline erosion – planning – EXP	$31,250
Whitnall	Cart path #4 area – CAP	$100,000
Various	Park walks – CAP	$300,000
McCarty	Water main south of pool – CAP	$20,625
Hales Corners Service	Roof replacement – CAP	$37,500
Domes	Mechanical System Repairs – EXP & CAP	$250,000
Various	Pool repairs – EXP	$100,000
Greenhouse	Replace water pressurization tanks in north range – CAP	$31,250
Various	Catch basins – CAP	$25,000
Kosciuszko Comm. Center	Refurbish programming space – EXP	$64,000
Wil-O-Way Underwood	22-Parking lot repair (Phase 2) – EXP	$61,180
Various	Lagoon shoreline erosion – EXP	$50,000
Pulaski Pool	Replace lockers – CAP	$50,000
Grant Clubhouse	Remodel concession & kitchen, remodel men's restroom – CAP	$50,000
Various	Lighting and electrical system renovation, and security systems – CAP	$100,000
Currie Clubhouse	Remodel concessions, restrooms, carpet, and furnishings – CAP	$50,000
Park Maintenance	Carpenter shop roof repairs – EXP	$41,862
Preventative Maintenance	Update studies for future mechanical (electrical, HVAC, etc.) needs – EXP	$50,000
	Total:	$2,500,000

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WP451	Mitchell Boulevard Improvements	

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

Department Priority	Person Completing Form	Date
	Waldron/Hathaway	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$100,000	$0	$0	$0	$100,000
1999	$0	$0	$0	$0	$0
2000	$393,744	$0	$0	$0	$393,744
2001	$440,000	$0	$0	$0	$440,000
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$933,744	$0	$0	$0	$933,744

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$94,749	$108,000	$202,749
Construction & Implementation	$100,000	$298,995	$332,000	$730,995
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$75,799	$88,000	$163,799
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$18,950	$20,000	$38,950
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$298,995	$332,000	$630,995
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$100,000	$0	$0	$100,000
Total Project Cost	$100,000	$393,744	$440,000	$933,744

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$393,744
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$393,744

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$0
1998 Expenditures	$15,362
1999 Expenditures	
Total Expenditures to Date	$15,362
Encumbrances	$0
Available Balance	$84,638

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	06/2000
Begin Construction	08/2000
Complete Construction	11/2000
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP451 – Mitchell Boulevard Improvements

An appropriation of $393,744 is budgeted for phase one construction of the Mitchell Boulevard Park development project. This project will be financed by general obligation bonds.

In 1998, the Adopted Capital Improvements Budget included an appropriation of $100,000 for the evaluation and initial planning of the development of Mitchell Boulevard Park.

The park is located at North General Mitchell Boulevard and West Bluemound Road. The majority of the construction relates to the removal and relocation of Mitchell Boulevard, which currently travels through the middle of the park. A master plan, adopted as part of the 1998 Capital Improvements Budget, recommends the relocation of the boulevard directly west of its current location.

Specifically, phase one construction includes site grading and earthwork, storm sewer and utility work, concrete curbs and gutters, asphalt paving, and new roadway lighting. These activities also include all project design, engineering and management costs.

For the 2001 Capital Improvements Budget, the Parks Department will request $440,000 for the phase two development of Mitchell Boulevard Park. Phase two includes the removal of the existing asphalt road, trees and vegetation, light poles, utilities, and storm sewers. In addition, site grading and earthwork, construction of asphalt pedestrian walks, and site restoration will occur. This cost includes all project design, engineering and management costs.

Future budgets may include the construction of park facilities typically provided in a "neighborhood park" such as a small comfort station, picnic shelter, or a water play area.

DPW Staffing Plan

Overall project management will be performed by Department of Public Works staff.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WP458	Bike Trail Development	

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

Department Priority	Person Completing Form	Date
	W. Waldron/P. Hathaway	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$2,984,800	$354,462	$246,483	$0	$2,383,855
1999	$556,900	$445,520	$0	$0	$111,380
2000	$1,440,400	$1,096,040	$0	$0	$344,360
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$5,026,636	$1,896,022	$246,483	$0	$2,884,131

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$97,900	$288,080	$0	$297,900
Construction & Implementation	$459,000	$1,152,320	$0	$1,743,936
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$2,984,800	$0	$0	$2,984,800
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$4,464	$30,464	$0	$34,928
DPW Charges	$162,142	$200,000	$0	$362,142
Capitalized Interest	$0	$0	$0	$0
Park Services	$22,950	$57,616	$0	$80,566
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$530,955	$1,152,320	$0	$1,683,275
Roadway Plng & Construction	$198,538	$0	$0	$198,538
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$2,622,651	$0	$0	$2,667,187
Total Project Cost	$3,541,700	$1,440,400	$0	$5,026,636

Budget Year Financing

Federal, State and Local Aids	$1,096,040
Non-Cash/ In-Kind Aids	$93,750
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$250,610
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$1,440,400

Cost Estimates Prepared By	DPW Review By
	T. Pritzlaff

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$1,719,777
1998 Expenditures	$364,211
1999 Expenditures	$424,860
Total Expenditures to Date	$2,508,848
Encumbrances	$244,059
Available Balance	$788,793

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

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP458 – Bike Trail Development

An appropriation of $1,440,400 is budgeted for the construction of two bike trails. The 80 percent Federal share is $1,096,040 and the County share to be bond-financed is $344,360.

WP45801: Former North Shore Railway Conversion to Bike Trail – A total of $971,650 ($721,040 in Federal reimbursable funds and $250,610 in County funds) is budgeted to complete phase two of the conversion of the former North Shore Railway to a bike trail.

The portion of railroad corridor to be converted is approximately 5.18 miles in length and has a southeast to northwest orientation with the southern endpoint being located in the vicinity of 3200 east along the Milwaukee County line, and the northern endpoint 700 East Manitoba Street. A ten-foot wide asphalt trail will be constructed within the right-of-way (ROW) for non-motorized transportation.

In April 1998, the Parks Department submitted an application for Federal Intermodal Surface Transportation Equity Act for the 21st Century (TEA-21, formerly ISTEA) grant funds. The Wisconsin Department of Transportation (WisDOT) administers the TEA-21 funds in Wisconsin. There are three sub-programs within TEA-21: the Congestion Mitigation Air Quality Program (CEMAQ); the Surface Transportation Program-Discretionary Program (STP-D); and, the Statewide Transportation Enhancements Program (STEP).

TEA-21 funds are used for transportation-related projects and programs including bike trails. They are awarded on a cost-share basis with the Federal government assuming 80% of a project's cost, and the local sponsor assuming the remaining 20 percent. Reimbursements are made on a quarterly basis or in one lump sum when the project is completed.

In January 1999, the Parks Department was notified that its application had been approved. However, the Parks Department did not receive authority from the Wisconsin Department of Transportation (WisDOT) to spend money on the project until June 1999.

The project is currently scheduled for construction in two phases. An appropriation of $228,700 was included in the 1999 Parks Capital Improvement Budget ($182,960 in Federal reimbursable funds and $45,740 in County funds). Due to the June notice to proceed, the design and phase one construction has been delayed. The design piece of the project can likely be undertaken in 1999 but the phase one construction will not be started in 1999.

As a result, the phase two construction will also be delayed. At this time, it is unknown when phase two construction can be started. There is a possibility, however, that the design of phases one and two could be combined into one larger project.

The total 1999 and 2000 project costs and the cost-share breakdowns are as follows:

	PROJECT COST	FEDERAL SHARE	COUNTY SHARE
Budget Year 1999			
Former North Shore Railway Conversion to Bikeway - Phase 1 (1999)	$228,700	$182,960	$45,740
Budget Year 2000			
Former North Shore Railway Conversion to Bikeway - Phase 2 (2000)	$971,650	$721,040	$250,610

WP458 – Bike Trail Development (contd.)

WP45802: East Side Bike Trail Access Ramp - An appropriation of $468,750 is provided to construct the East Side Bike Trail Access Ramp. The Federal share will be $375,000 and the local share of $93,750 will be provided by the County with reimbursement from the East Side Business Improvement District (BID) upon project completion.

The Parks Department has applied for a Transportation Equity Act for the 21st Century (TEA-21) grant for the construction of the access ramp between the Oak Leaf Bike Trail and the East BID. The County is expected to be notified about its grant status in the fall of 1999.

The intent of the access ramp is to connect the existing Oak Leaf Trail with businesses located in the BID. The ramp would be constructed in the vicinity of North Oakland Avenue and West North Avenue. The Oak Leaf Trail currently bisects the BID but there is no access to it from the BID. This is because the park is located on a former railroad corridor that is approximately 20 feet below the grade of surface streets. The nearest access points are ¾ of a mile to the north and ¼ of a mile to the south of the BID.

Because the TEA-21 program requires that grant applicants have taxing authority, the Parks Department applied for the grant on behalf of the BID. A Milwaukee County Department of Public Works estimate of the total project cost (including engineering services and construction) is $468,750. TEA-21 funds are awarded on an 80 percent/20 percent Federal/Local cost-share reimbursement basis. The local share will be provided by the BID. The County will be reimbursed the entire amount either on a quarterly basis or when the project is finished.

The Parks Department views the ramp as a way to improve trail usability/convenience and as a means to provide a greater sense of personal security for trail users. The project also supports one of the BID's foundational activities, the provision of pedestrian paths and linkages within the East Side's popular commercial and entertainment area, and between the East Side and adjacent areas.

The Milwaukee County Department of Public Works, in conjunction with the Parks Department's Facilities Planning Division, will administer the project. County staff time expended on the project has been included in the project cost estimate and will be reimbursed.

DPW Staffing Plan
Overall project management will be performed by DPW staff. The DPW Project Manager will be Karl Stave. Some specialized sub-consultants may be hired for basic planning and design.

2000 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 6
MCKINLEY MARINA

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WP511	McKinley Marina Administration Building	

Requesting Department or Agency	Functional Group
McKinley Marina	Parks, Recreation and Culture

Department Priority	Person Completing Form	Date
	Greg High	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$706,236	$0	$0	$0	$706,236
2001	$6,650,389	$0	$0	$0	$6,650,389
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$7,356,625	$0	$0	$0	$7,356,625

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$706,236	$0	$706,236
Construction & Implementation	$0	$0	$6,650,389	$6,650,389
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$588,530	$117,706	$706,236
DPW Charges	$0	$58,853	$411,971	$470,824
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$58,853	$235,412	$294,265
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$5,885,300	$5,885,300
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$706,236	$6,650,389	$7,356,625

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$706,236
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$706,236

Cost Estimates Prepared By	Baird and Associates	DPW Review By	Greg High

Project Useful Life (Years)	50

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	07/2000
Complete Final Plans & Specifications	12/2000
Begin Construction	04/2001
Complete Construction	10/2002
Scheduled Project Closeout	

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WP511 – McKinley Marina Administration Building

An appropriation of $706,236 is budgeted for the planning of a new McKinley Marina Administration Facility. The project will be financed by general obligation bonds.

This facility will include administrative offices, convenience store, boater shower and laundry facilities as well as a restaurant.

The total cost for the entire project is anticipated to be $7,356,625, which includes $5,885,300 for the construction of the building and site development, $706,236 for planning and design, and $765,090 for Department of Public Works/Parks Department architectural and engineering costs.

The following is a breakdown of some of the amenities the new facility is envisioned to include:

Main Level

- Convenience store
- Large meeting room
- Boaters toilet, shower, laundry & public toilet facilities
- Outdoor seating under upper deck
- Reflecting pool between building & harbor edge

Upper Level

- Administrative offices
- Restaurant
  - -indoor seating for approximately 300 people
  - -outdoor seating, lakeside for approximately 20 people
  - -outdoor seating, city side for approximately 64 people
  - -bar area
  - -kitchen, food preparation area
  - -public toilet rooms

Feature Observation Tower

- Observation deck at third level
- Small observation patio at fourth level
- Observation room in tower at fifth floor level

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 archaeological surveying, soil/materials/environmental testing and assessments, construction.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 7
ZOO

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WZ006	Ice Cream Palace Renovation	

Requesting Department or Agency	Functional Group
Zoological Department	PARKS

Department Priority	Person Completing Form	Date
	Glenn Garwronski	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$45,000	$0	$0	$0	$45,000
2001	$410,000	$0	$0	$0	$410,000
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$455,000	$0	$0	$0	$455,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$45,000	$30,000	$75,000
Construction & Implementation	$0	$0	$380,000	$380,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$35,000	$10,000	$45,000
DPW Charges	$0	$10,000	$20,000	$30,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$380,000	$380,000
Total Project Cost	$0	$45,000	$410,000	$455,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$45,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$45,000

Cost Estimates Prepared By	Eriks Krumins	DPW Review By	

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	04/2000
Complete Final Plans & Specifications	12/2000
Begin Construction	04/2001
Complete Construction	10/2001
Scheduled Project Closeout	12/2001

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WZ006 - Ice Cream Palace Renovation

An appropriation of $45,000 is budgeted for planning and design to renovate the Ice Cream Palace into a Culvers custard franchise.

This is a two-year project, with planning and design done in 2000 and construction in 2001. Construction costs of $380,000 are planned for 2001. The greater portion of the $380,000 construction costs, involve purchasing equipment and signage. The initial fee to open a Culvers franchise is $27,500. A fee of six per cent of net receipts is required thereafter. Benefits include name recognition, advertising, training of Zoo staff and an efficiently designed and operated restaurant.

When this project is completed, revenue is expected to increase from $80,000 to $250,000. Operating costs will increase by $119,000, which includes seven additional Zoo Workers and the cost of goods sold. A net tax levy savings of $23,500 is projected in the first year, with additional increases each year over an eleven-year payback period.

Financing will be provided by general obligation bonds.

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.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WZ008	Point of Sale Replacement	

Requesting Department or Agency	Functional Group
Zoological Department	PARKS

Department Priority	Person Completing Form	Date
	Glen Gawronski	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$750,000	$0	$0	$0	$750,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$750,000	$0	$0	$0	$750,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$750,000	$0	$750,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$0	$0	$0
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$750,000	$0	$750,000
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$750,000	$0	$750,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$750,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$750,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Eriks Krumins		10

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	03/2000
Complete Final Plans & Specifications	07/2000
Begin Construction	09/2000
Complete Construction	12/2000
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WZ008 - Point of Sale Replacement

An appropriation of $750,000 is budgeted for the replacement of registers and software associated with the order, receiving, distribution, and sale of retail food and novelty items. Four specific revenue-generating areas need one integrated system (Admissions, Concessions, Novelties, and Group Sales/Reservations) which will replace the current 10-year-old system, which is no longer being supported by the manufacturer.

Financing will be provided by general obligation bonds.

DPW Staffing Plan
No DPW staffing plan required.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WZ578	Karibou Gift Shop Renovation	

Requesting Department or Agency	Functional Group
Milwaukee County Zoo	Parks

Department Priority	Person Completing Form	Date
	Glenn Gawronski	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$22,000	$0	$0	$0	$22,000
2001	$185,000	$0	$0	$0	$185,000
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$207,000	$0	$0	$0	$207,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$22,000	$12,500	$34,500
Construction & Implementation	$0	$0	$172,500	$172,500
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$17,000	$5,000	$22,000
DPW Charges	$0	$5,000	$7,500	$12,500
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$172,500	$172,500
Total Project Cost	$0	$22,000	$185,000	$207,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$22,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$22,000

Cost Estimates Prepared By	DPW Review By
Erik Krumins	

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	05/2000
Complete Final Plans & Specifications	10/2000
Begin Construction	04/2001
Complete Construction	07/2001
Scheduled Project Closeout	10/2001

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WZ578 - Karibu Gift Shop Renovation

An appropriation of $22,000 is budgeted for planning and design for constructing an additional 1,500 square feet of open market place onto the existing Karibu Gift Shop. This addition will double the square footage for a total of 3,000 square feet. This area will require no heat or electricity because it will be designed as an open marketplace. This shop will be used during the peak season. This is a two-year project, in which planning and design will be done in 2000 and construction in 2001.

This is the most popular gift shop in the Zoo, and increasing square footage is anticipated to increase revenues by 25 per cent or $145,000 annually. The open concept will draw visitors into the shop. Expenditures are expected to increase $65,000 which includes the addition of one Zoo Worker and $60,000 for the cost of goods sold. This project is expected to produce a net tax levy savings of $80,000 annually, for a three-year payback period

Financing will be provided by general obligation bonds.

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.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WZ585	Zoo Infrastructure Improvements	
Requesting Department or Agency: Zoological Department	Functional Group: PARKS	
Department Priority	Person Completing Form: Glenn Gawronski	Date: 9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$4,049,526	$0	$0	$0	$4,049,526
1999	$556,000	$0	$0	$0	$556,000
2000	$1,500,000	$0	$0	$0	$1,500,000
2001	$1,500,000	$0	$0	$0	$1,500,000
2002	$1,500,000	$0	$0	$0	$1,500,000
2003	$1,500,000	$0	$0	$0	$1,500,000
2004	$1,500,000	$0	$0	$0	$1,500,000
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$12,105,526	$0	$0	$0	$12,105,526

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$250,000	$1,000,000	$1,250,000
Construction & Implementation	$0	$1,250,000	$5,000,000	$6,250,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$4,605,526	$0	$0	$4,605,526
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$83,588	$150,000	$600,000	$833,588
DPW Charges	$12,425	$100,000	$400,000	$512,425
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$12,425	$0	$0	$12,425
Buildings / Structures	$485,000	$0	$0	$485,000
Land / Land Improvements	$149,957	$0	$0	$149,957
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$3,862,131	$1,250,000	$5,000,000	$10,112,131
Total Project Cost	$4,605,526	$1,500,000	$6,000,000	$12,105,526

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$1,500,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$1,500,000

Cost Estimates Prepared By: Erik Krumins	DPW Review By:
Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$2,918,116
1998 Expenditures	$897,780
1999 Expenditures	$88,752
Total Expenditures to Date	$3,904,648
Encumbrances	$298,780
Available Balance	$402,098

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

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WZ585 - Zoo Infrastructure Improvements

An appropriation of $1,500,000 is budgeted for various major maintenance projects at the Zoo.

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. Financing for all zoo infrastructure projects will be provided by general obligation bonds.

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. Prior appropriations for infrastructure improvements were $598,000 for 1997, $567,000 for 1998, and $556,000 for 1999. Infrastructure improvements for 2000 total $1,500,000 and include the following work elements:

Sub-Project	Project Description	Appropriation
02	Continuation of Fire & Smoke Detectors and Alarms	$100,000
03	Restrooms-Overhaul/Renovate	$252,000
04	Administration Building Roof and Ceiling Repair	$75,000
05	Zoo Wide Asphalting	$100,000
06	Dall Sheep Area Renovations (holding areas/rock formations)	$158,500
07	Boiler Replacement-Restaurant/Society Building/Administration Building	$108,000
08	Moose Lake Dam and Aereator System Repair	$50,000
09	Perimeter and Security Fencing	$60,100
10	Air Handling System-Pachyderm Yard East & West	$66,000
11	Walkway Lighting	$100,000
12	Flamingo Restaurant Air Conditioning	$100,000
13	Bear Area Doors and Carousels	$74,000
14	Commissary Refrigerator Storage Room	$55,400
16	Parking Lot # 2 Repaving	$201,000
	TOTAL	**$1,500,000**

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WZ585 – Zoo Infrastructure Improvements (continued)

02. Continuation fire/smoke detectors/alarms
Appropriations of $100,000 are included for a continuation of a Zoo wide project started in 1998 for installing fire/smoke detectors/alarms. Presently, there are buildings that do not have any fire alarm or fire/smoke detection systems. The year 2000 will be the third year of a five year fire & smoke detector/alarm installation project. In 1999, $100,000 was used to install these systems into high priority buildings. Currently, the aviary, primate, aquarium and reptile areas are the only areas that are equipped with this protection. This project would continue installation in the feline, Australian and mammal buildings.

03. Restrooms-overhaul/renovate
Appropriations of $252,000 are included to replace fixtures, address privacy concerns and improve ventilation within the restrooms. The restrooms have not been renovated since the facilities were constructed. The restrooms receive the highest number of complaints from Zoo visitors.

04. Administration Building Roof and Ceiling Replacement
Appropriations of $75,000 are for replacement of the Administration Building roof. The flat roof is over 30 years old and needs total replacement. Zoo staff continues to make short term repairs. The water leaks continue to affect the integrity of the interior offices and the roof underlay. The obsolete ceiling tiles are no longer available and this 12x12 system should be replaced with a 2x2 or 2x4 lay-in suspended ceiling which will enable Zoo staff to make necessary repairs to the duct work, zone valves and all telephone and cable lines in the ceiling and to reinstall the ceiling tiles which can eliminate health issues due to air born dust particles.

05. Zoo-Wide Asphalting
This $100,000 project is part of a plan to bring the Zoo pavement up to standard. The Zoo-wide asphalting project is a continuation of a seven-year annual maintenance plan to recondition the most urgent areas of the Zoo. Some areas of asphalt have not been reconditioned in about 20 years. In some cases, the pavement has deteriorated to the point of becoming hazardous. Approximately $100,000 was approved annually from 1996 to1999 for this purpose. The African animal area is scheduled for asphalting in 2000.

06. Dall Sheep Area Renovations
This $83,500 project will provide for sanitary sewer connections as well as rehabilitation of the indoor and outdoor animal holding facilities; refurbishing heated waterers; repairing crumbling shotcrete; replacing two tree guards; installing fencing, stall safety devices and pens; and repairing the animal access doors.

07. Boiler Replacement – Restaurant/Society Building/Administration Building
Appropriations of $48,000 are included to replace one of the thirty-year old boilers that services the Flamingo Restaurant. Currently, the heating systems between the Restaurant and Administration Building are connected. The boilers are inefficient and require constant repair. According to Zoo staff, the boilers would function independently and therefore would be less stressful functioning as one system. A new energy efficient system would require less maintenance and provide greater reliability.

08. Moose Lake Dam and Aerator System Repair
This $50,000 project is to make needed repairs in Moose Lake. The dam that forms the lake in the Moose Yard Exhibit has been breached, and is eroding the soil north of the dam. The water levels of the lake continue to drop as the erosion continues. DPW has developed plans to extend the concrete dam, reconfigure the lakeshore, and re-landscape the area to repair the breach. The aerators, essential for the health of the lake, also need repair/replacement and new airlines.

09. Perimeter and Security Fencing
The outer area of the Zoo is surrounded by cyclone fencing. Deterioration of the fence has occurred due to vandalism and weather. This $60,100 project will replace badly deteriorated sections of fencing.

WZ585 – Zoo Infrastructure Improvements (continued)

10. Air Handling System-Pachyderm Yard East & West
Appropriations of $66,000 are included to replace the air handling systems at the east and west pachyderm yards. The air handling systems for the pachyderm yards have deteriorated and, because this is the original system from 30 years ago, replacement parts are difficult to obtain. As a result, the area is very offensive to the public, particularly in certain conditions.

11. Walkway Lighting
This $100,000 project is to improve the lighting throughout the Zoo. The Zoo received $110,000 for this project in 1999, $60,000 in 1998 and $50,000 in 1997. The 2000 appropriation is for replacement and installation of additional lighting.

12. Flamingo Restaurant Air Conditioning
Appropriations of $100,000 are included to replace the air conditioning system on the Flamingo Restaurant Building. The Flamingo Restaurant Complex was constructed in 1964 with additional areas constructed as attachments. The HVAC system, at present, is insufficient. The duct work is undersized and is restricted because of available space to install the duct work. The air-handling systems are out-dated and inefficient and are not cost effective. The condensing units are in constant need of repair and have manual controls that cannot be updated. The system cannot adequately heat and cool the public area, gift shop, Zoo and Zoological Society offices. This building also needs a complete roof replacement.

13. Bear Area Doors and Carousels
The 40-year-old bear shift doors in the five bear exhibits and their keeper access doors need refurbishing to prevent animal escapes and ensure employee and public health and safety. The holding area "carousels" for the bears need to be sandblasted, painted and refurbished to prevent structural damage and to ensure safe containment of the animals. This project is for $74,000 to make these improvements.

14. Commissary Refrigerator Storage Room Replacement
Appropriations of $55,400 are included to replace the storage room for the Zoo commissary refrigerator. The walk-in freezer room at the animal food commissary has become structurally unsound and the ceiling is beginning to collapse. The door seals are distorted and freeze up. Ice forms on the ceiling and doors. Operating temperatures of zero degrees cannot be maintained during the warm summer months. The room needs to be fully replaced.

16. Parking Lot # 2 Repaving
Appropriations of $201,000 are included to repave one of the most used parking lots on the Zoo grounds. Resurfacing of Parking Lot 2 will involve the replacement of the top three inches of asphalt. The current lot is in poor condition with many cracks and broken areas. In addition to resurfacing the parking lot, the project includes the replacement of approximately one hundred feet of concrete curbing and the rebuilding of four storm sewers that drain the parking lot. This project will make maintenance, such as snow plowing and cleaning, easier. Based on a Department of Public Works parking lot condition analysis, this work should be performed as soon as possible so as not to hamper the safety of employees and visitors. Parking Lot 2 has a total area of 15,600 square yards and provides parking for approximately 400 cars.

Appropriations of the same amount also are projected for inclusion in the capital plan for the 2001 through 2003 Capital Improvement Budget.

Financing will be provided by general obligation bonds.

WZ585 – Zoo Infrastructure Improvements (continued)

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.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WZ590	Lakeview Concession Stand Renovation	

Requesting Department or Agency	Functional Group
Zoological Department	PARKS

Department Priority	Person Completing Form	Date
	Glenn Gawronski	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$72,000	$0	$0	$0	$72,000
2001	$615,000	$0	$0	$0	$615,000
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$687,000	$0	$0	$0	$687,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$72,000	$21,000	$93,000
Construction & Implementation	$0	$0	$594,000	$594,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$52,000	$10,000	$62,000
DPW Charges	$0	$20,000	$11,000	$31,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$594,000	$594,000
Total Project Cost	$0	$72,000	$615,000	$687,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$72,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$72,000

Cost Estimates Prepared By	DPW Review By
Erik Krumins	

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	04/2000
Complete Final Plans & Specifications	12/2000
Begin Construction	04/2001
Complete Construction	10/2001
Scheduled Project Closeout	12/2001

WZ590 – Lakeview Concession Stand Renovation

An appropriation of $72,000 is budgeted to update and enlarge the existing Lakeview Concession Stand to accommodate more visitors and thereby increase revenue. This project will include construction of new indoor seating to accommodate 150 visitors and construction and renovation of outdoor seating to accommodate an additional 250 visitors. Additional restroom facilities will also be included to accommodate visitors. This is a two-year project, with planning and design done in 2000 and construction in 2001.

Revenues at this facility are expected to increase by $113,000 or 25 per cent. Additional operating expenditures include two Zoo Workers for a total of $10,000, and $42,000 for the cost of goods sold, for a projected net tax levy savings of $61,000. In addition, this new restaurant, with indoor seating, could be used as a group sales rental facility.

Financing will be provided by general obligation bonds.

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.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WZ596	Environmental Remediation - Zoo Bliffert Property	

Requesting Department or Agency	Functional Group
Milwaukee County Zoo	Parks

Department Priority	Person Completing Form	Date
	Glenn Gawronski	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$4,143,675	$0	$464,000	$51,000	$3,628,675
1999	$60,000	$0	$24,000	$0	$36,000
2000	$80,000	$0	$32,000	$0	$48,000
2001	$75,000	$0	$16,000	$0	$59,000
2002	$25,000	$0	$10,000	$0	$15,000
2003	$25,000	$0	$10,000	$0	$15,000
2004	$25,000	$0	$10,000	$0	$15,000
SUBSEQUENT	$75,000	$0	$30,000	$0	$45,000
TOTAL	$4,473,675	$0	$596,000	$51,000	$3,826,675

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$448,037	$80,000	$0	$543,037
Construction & Implementation	$3,755,638	$0	$190,000	$3,930,638
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$220,050	$64,000	$0	$284,050
Professional Services	$97,450	$16,000	$0	$113,450
DPW Charges	$97,000	$0	$0	$97,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$2,772,571	$0	$0	$2,772,571
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$1,016,604	$0	$190,000	$1,206,604
Total Project Cost	$4,203,675	$80,000	$190,000	$4,473,675

Budget Year Financing

Federal, State and Local Aids	$32,000
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$48,000
G.O. Bonds and Notes	$0
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$80,000

Cost Estimates Prepared By	DPW Review By
Mick/Chen	Gary Mick

Project Useful Life (Years)	50

Project Fiscal Status

Prior Years Expenditures	$4,000,329
1998 Expenditures	$121,353
1999 Expenditures	$32,376
Total Expenditures to Date	$4,154,058
Encumbrances	$60,824
Available Balance	($11,203)

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	03/1997
Complete Preliminary Plans	04/1999
Complete Final Plans & Specifications	05/1999
Begin Construction	07/1999
Complete Construction	06/2000
Scheduled Project Closeout	01/2008

WZ596 – Environmental Remediation – Bliffert Property

An appropriation of $80,000 is budgeted for maintenance and monitoring of the mitigation system on the Bliffert property. 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.

The 2000 budget requirements are for operation, management and monitoring of the mitigation system. During 1999 determination was made by reviewing the systems operational performance that conversion to natural attenuation was possible. In 2000, this conversion will be put in place. Natural attenuation will require quarterly or yearly monitoring to verify the natural biodegradation of soil contaminants, and regular reports to the DNR are required. The final site work should yield, at a minimum, flexible closure, however, complete closure as described in Department of Natural Resources regulation number 700 is imminent.

Financing will consist of $32,000 of DNR revenue and $48,000 of property tax levy.

DPW Staffing Plan

Rudolph Chen, PE, of the 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.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 8
DHS - MENTAL HEALTH DIVISION

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WE001	Replace Roof - CATC "D" Building	
Requesting Department or Agency: DHS-Mental Health Division	Functional Group: HHS	
Department Priority:	Person Completing Form: Pat Shirley	Date: 9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$210,000	$0	$0	$0	$210,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$210,000	$0	$0	$0	$210,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$33,325	$0	$33,325
Construction & Implementation	$0	$176,675	$0	$176,675
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$31,000	$0	$31,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$176,675	$0	$176,675
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$2,325	$0	$2,325
Total Project Cost	$0	$210,000	$0	$210,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$210,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$210,000

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

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	

WE001 - Replace Roof – CATC – D Building

An appropriation of $217,100 is budgeted in 2000, including $7,100 in capitalized interest charges, to replace the roof at CATC Building D (17,451 square feet). This building was constructed in the early 1970's and is used as housing for the children located at the Child and Adolescent Treatment Center of the Mental Health Complex. An evaluation was conducted by a consultant approximately five years ago and remedial repairs were done to extend the useful life of the building by 5-10 years.

The 2000 appropriation is to replace the roof of D building. The building now leaks in various locations and at times leaks into the fire alarm system. The estimated costs includes $33,325 for planning and design and $176,675 for construction.

Financing will be provided from $210,000 in general obligation bonds and $7,100 in investment earnings.

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.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WE012	Replace Day Hospital Elevator	

Requesting Department or Agency	Functional Group
DHS-Mental Health Division	HHS

Department Priority	Person Completing Form	Date
	Pat Shirley	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$121,700	$0	$0	$0	$121,700
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$121,700	$0	$0	$0	$121,700

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$21,700	$0	$21,700
Construction & Implementation	$0	$100,000	$0	$100,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$20,200	$0	$20,200
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$100,000	$0	$100,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$1,500	$0	$1,500
Total Project Cost	$0	$121,700	$0	$121,700

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$121,700
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$121,700

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WE012 - Replace Day Hospital Elevator

An appropriation of $121,700 is budgeted to replace the Day Hospital Elevator. This elevator has incurred an increasing number of breakdowns over the past year. This is the original elevator for the Day Hospital, which was installed in 1969. Parts are no longer available and repairs are done through makeshift efforts, which are becoming more frequent.

The estimated costs include $21,700 for planning and design, and $100,000 for construction.

Financing will be provided by general obligation bonds.

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.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 9
DPW - COUNTY GROUNDS

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WG703	Demolition of Doyne Hospital	

Requesting Department or Agency	Functional Group
DPW County Grounds	Health and Human Services

Department Priority	Person Completing Form	Date
	Lloyd J. Mlejnek	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$700,000	$0	$0	$0	$700,000
1999	$970,000	$0	$0	$0	$970,000
2000	$4,371,500	$0	$0	$0	$4,371,500
2001	$3,771,500	$0	$0	$0	$3,771,500
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$10,113,000	$0	$0	$0	$10,113,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$391,400	$0	$0	$2,356,000
Construction & Implementation	$1,082,488	$4,371,500	$3,771,500	$7,560,888
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$196,112	$0	$0	$196,112
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$391,400	$300,000	$0	$691,400
Professional Services	$29,400	$238,000	$0	$267,400
DPW Charges	$159,200	$40,000	$0	$199,200
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$770,000	$3,793,500	$3,771,500	$8,335,000
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$320,000	$0	$0	$620,000
Total Project Cost	$1,670,000	$4,371,500	$3,771,500	$10,113,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$4,371,500
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$4,371,500

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
Lloyd Mlejnek	Gary Mick	50

Project Fiscal Status

Prior Years Expenditures	$15,349
1998 Expenditures	$94,587
1999 Expenditures	$140,503
Total Expenditures to Date	$250,438
Encumbrances	$75,296
Available Balance	$1,344,266

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	NA
Complete Final Plans & Specifications	NA
Begin Construction	06/1999
Complete Construction	06/2002
Scheduled Project Closeout	08/2002

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WG703 - Demolition of Doyne Hospital

An appropriation of $4,371,500 is budgeted for 2000 to address a contractual agreement between Froedtert Memorial Lutheran Hospital and Milwaukee County for demolition of the Doyne Hospital building. Financing of $1,670,000 for initial utility relocation and environmental work for this project was included in the 1999 Capital Budget. In 1999, the remaining utilities were relocated out of the various buildings, asbestos removal and work on Phase I of M-Wing restoration started. The first phase of actual demolition will begin in 2000, which will include the demolition of the pathology building and Sargeant's Hall subject to lease renegotiations. In 2001 and 2002, the remainder of the asbestos will be removed and building demolition and site restoration will be completed at a cost of approximately $3.8 million.

The County/Froedtert Sale Agreement requires Froedtert and the County to each pay half of the demolition costs. Milwaukee County is to pay 100 percent of all environmental remediation costs. In accordance with the Sales Agreement, project management is the responsibility of Froedtert, with the County and Froedtert working together in a cooperative and consultive manner. Froedtert will charge the County for all County obligated costs incurred with the County's confirmation.

Two components of the complex will be retained after demolition, the M-Wing near Froedtert Hospital and the "Eye Institute" near the Medical College of Wisconsin.

Financing will be provided by general obligation bonds.

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 archaeological surveying, soil/materials/environmental 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.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WG724	North Avenue Water Main	

Requesting Department or Agency	Functional Group
County Grounds	HHS

Department Priority	Person Completing Form	Date
	John Bitz	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$46,000	$0	$0	$0	$46,000
1999	$0	$0	$0	$0	$0
2000	$126,000	$0	$0	$0	$126,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$172,000	$0	$0	$0	$172,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$17,000	$0	$17,000
Construction & Implementation	$0	$109,000	$0	$109,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$46,000	$0	$0	$46,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$17,000	$0	$17,000
DPW Charges	$0	$9,000	$0	$9,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$46,000	$100,000	$0	$146,000
Total Project Cost	$46,000	$126,000	$0	$172,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$126,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$126,000

Cost Estimates Prepared By	DPW Review By
Greg High/John Bitz	Greg High

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	$38,401
1998 Expenditures	$4,011
1999 Expenditures	
Total Expenditures to Date	$42,412
Encumbrances	$0
Available Balance	$3,588

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	04/2000
Complete Final Plans & Specifications	05/2000
Begin Construction	08/2000
Complete Construction	09/2000
Scheduled Project Closeout	11/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WG724 - North Avenue Water Main

An appropriation of $126,000 is budgeted to relocate the North Avenue Potable Water System meter pit to meet code requirements. The meter pit is the County Grounds connection to the City of Milwaukee water system. It provides the County Grounds with a second feeder line. Relocation of the pit is required by the City of Milwaukee. Due to the dangerous state of the existing pit, they will no longer service it.

Relocation brings with it the opportunity to have the City of Milwaukee take responsibility for the water main up to the point it enters the County Grounds.

Financing will be provided by general obligation bonds.

DPW Staffing Plan

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

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 10
DEPARTMENT OF HUMAN SERVICES

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WS001	Soundproof Detention Pods	

Requesting Department or Agency	Functional Group
Department of Human Services	HHS

Department Priority	Person Completing Form	Date
	Charles Brotz	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$51,000	$0	$0	$0	$51,000
2000	$54,000	$0	$0	$0	$54,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$105,000	$0	$0	$0	$105,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$10,000	$9,000	$0	$19,000
Construction & Implementation	$41,000	$45,000	$0	$86,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$6,000	$0	$0	$6,000
Professional Services	$3,000	$5,400	$0	$8,400
DPW Charges	$1,000	$3,600	$0	$4,600
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$41,000	$45,000	$0	$86,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$51,000	$54,000	$0	$105,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$54,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$54,000

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$0
1998 Expenditures	$0
1999 Expenditures	$1,246
Total Expenditures to Date	$1,246
Encumbrances	$6,107
Available Balance	$43,647

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	02/2000
Complete Final Plans & Specifications	04/2000
Begin Construction	06/2000
Complete Construction	08/2000
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WS001 – Soundproof Detention Pods

An appropriation of $54,000 is budgeted for the installation of thermocon soundproofing in the detention pods of the Children's Court Center. The project will be financed by general obligation bonds.

The soundproofing material will be installed in the ceilings and descend down on the walls, 3 ½ feet from the ceiling.

The soundproofing is needed to improve acoustics in the detention pods for normal communication and proposed educational speakers and seminars.

The 1999 Adopted Capital Improvements Budget included an appropriation of $51,000 to soundproof approximately half of the seven pods. There are five, two-story pods and two, one-story pods.

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.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WS005	Vliet Exterior Improvements	

Requesting Department or Agency	Functional Group
Department of Human Services	HHS

Department Priority	Person Completing Form	Date
		9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$75,500	$0	$0	$0	$75,500
2000	$620,000	$0	$0	$0	$620,000
2001	$2,500,000	$0	$0	$0	$2,500,000
2002	$1,550,000	$0	$0	$0	$1,550,000
2003	$1,600,000	$0	$0	$0	$1,600,000
2004	$700,000	$0	$0	$0	$700,000
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$7,045,500	$0	$0	$0	$7,045,500

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$75,500	$620,000	$454,000	$1,149,500
Construction & Implementation	$0	$0	$5,446,000	$5,446,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$450,000	$450,000
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$65,500	$550,000	$70,000	$685,500
DPW Charges	$10,000	$70,000	$384,000	$464,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$5,446,000	$5,446,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$450,000	$450,000
Other Expenses	$0	$0	$0	$0
Total Project Cost	$75,500	$620,000	$6,350,000	$7,045,500

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$620,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$620,000

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	

Project Fiscal Status

Prior Years Expenditures	$0
1998 Expenditures	$0
1999 Expenditures	$12,600
Total Expenditures to Date	$12,600
Encumbrances	$1,407
Available Balance	$61,493

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	1999
Complete Final Plans & Specifications	2000
Begin Construction	2001
Complete Construction	2004
Scheduled Project Closeout	2004

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WS005 – Vliet Exterior Improvements

An appropriation of $620,000 is budgeted for the planning and design of improvements to the 12th and Vliet Street building. The project would be financed by general obligation bonds.

The projected budget for this project is $6,970,000 over five years, starting in 2000. The intent of this project is to make improvements to the exterior and interior of the building so that DHS can ultimately centralize its services. As leases expire in other buildings where DHS has its operations, the plan is to move those operations back to 12th and Vliet. The building has over 200,000 square feet of gross floor area for office use.

In 1999, $75,500 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. As of September 1999, only $17,500 was expended on the project. The remaining balance of $58,000 is expected to be transferred into the Courthouse Annex Relocation project.

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 turning 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 in-fill 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 replacements occur will require interior modifications to open the interior work area to the daylight. The existing HVAC system is currently inadequate and will have to be modified as a result of these changes. In order to provide adequate ventilation to all the building occupants, electrical and HVAC modifications to the building perimeter will be required.

3. The north exterior elevation of the building will be re-faced 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. Removal of the canopy on the north side of the building and replacement with a shed-type metal building to cover over the existing loading dock will be undertaken. Water infiltration into the basement below the loading dock has been a recurring problem. This will provide a permanent solution to that problem 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.

WS005 – Vliet Exterior Improvements (contd.)

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 renovated and updated so that it is fully operational.

The table on the following page provides an outline of the proposed improvements anticipated from 2000 to 2004.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WS005 - Vliet Exterior Improvements (contd.)

Budget Year	Proposed Improvements	Cost
2000	Planning & design	$620,000
	Total:	**$620,000**
2001	**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 2000, '01, '02, '03)	$184,000
	Total:	**$1,594,000**
	General Improvements	
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 (rounded):	**$6,970,000**

WS005 - Vliet Exterior Improvements (contd.)

DPW Staffing Plan

DPW will be used for overall project management, architectural planning and design work, and construction management. Specialized consultants will be used for the structural engineering and support services engineering for the basic planning and design of the building.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WS009	Department of Aging - Various Senior Center Repairs	

Requesting Department or Agency	Functional Group
DHS - Department of Aging	HHS

Department Priority	Person Completing Form	Date
	Charles Brotz	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$87,600	$0	$0	$0	$87,600
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$87,600	$0	$0	$0	$87,600

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$14,600	$0	$14,600
Construction & Implementation	$0	$73,000	$0	$73,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$14,600	$0	$14,600
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$73,000	$0	$73,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$87,600	$0	$87,600

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$9,600
G.O. Bonds and Notes	$78,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$87,600

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WS009 - Department on Aging/Various Senior Center Repairs

An appropriation of $87,600 is budgeted for building improvements to the McGovern Senior Center and Washington Senior Center buildings, financed with $9,600 in power plant revenue and $78,000 from general obligation bonds.

WS00901: McGovern Senior Center Building – An appropriation of $9,600 is budgeted to clean all existing gutter joints, install a self-adhering membrane, and replace drip edge, and copper downspouts. In addition, the broken downspout hub will be replaced and the drain connection will be repaired. The gutters will require yearly inspections to assure the seams are watertight.

WS00902: Washington Senior Center Boiler Room Roof – An appropriation of $18,000 is budgeted to install a new four-ply, gravel built-up roofing system. The entire roof to the senior center was originally replaced 23 years ago.

WS00903: Washington Park Senior Center Cafeteria Roof – An appropriation of $60,000 is budgeted to install a new fully-adhered, reinforced, synthetic rubber roofing system. The cafeteria roof was replaced seven years ago to address a chronic leaking problem. Although the roof should have lasted for 20 years, it has buckled and cracked, experiencing many active leaks.

As mentioned previously, the roof to the senior center was originally replaced 23 years ago. At that time, the roof was under-designed, according to the Department of Public Works. The structure of the roof over the cafeteria causes snow to settle and become trapped, weighing down the roof. The heavy weight load from the snow then places stress on the wooden deck supporting the roof. In addition, the freeze/thaw cycle has caused cracks in the roof allowing water to penetrate.

DPW anticipates that the proposed rubber roof would be lighter with a smooth surface so that the snow could slide off. If the new roof is unsuccessful, DPW recommends that replacement of the existing wooden deck with a new concrete deck be considered.

DPW Staffing Plan

The Department of Public Works will perform basic planning and design and construction management for this project.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WS632	Financial Aid Center - Carpet Replacement	

Requesting Department or Agency	Functional Group
Department of Human Services	HHS

Department Priority	Person Completing Form	Date
		9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$72,083	$0	$0	$0	$72,083
1999	$221,000	$0	$0	$0	$221,000
2000	$162,000	$0	$0	$0	$162,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$455,083	$0	$0	$0	$455,083

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$22,000	$0	$0	$22,000
Construction & Implementation	$192,000	$162,000	$0	$354,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$79,083	$0	$0	$79,083
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$22,000	$0	$0	$22,000
DPW Charges	$19,682	$12,000	$0	$31,682
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$184,000	$150,000	$0	$334,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$67,401	$0	$0	$67,401
Total Project Cost	$293,083	$162,000	$0	$455,083

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$162,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$162,000

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	

Project Fiscal Status

Prior Years Expenditures	$8,793
1998 Expenditures	$12,079
1999 Expenditures	$71,390
Total Expenditures to Date	$92,262
Encumbrances	$166,718
Available Balance	$34,103

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	

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WS632 – Financial Aid Center - Carpet Replacement

An appropriation of $162,000 is budgeted to continue the carpet replacement project at the Financial Assistance Center, 1220 West Vliet Street. The project will be financed by general obligation bonds.

The Department of Human Services carpet replacement project has been on going since 1998. The final phase of the third floor will be the completion of the offices and the personnel area. The project includes the stabilization of the lightweight concrete surface, contract movers and the carpet.

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.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 11
COURTHOUSE COMPLEX

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WC006	Courthouse - Public Address System Replacements	
Requesting Department or Agency: Courthouse Complex/Circuit Courts	Functional Group: GENGOV	
Department Priority:	Person Completing Form: Steve Dragosz	Date: 9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$90,000	$0	$0	$0	$90,000
2001	$0	$0	$0	$0	$0
2002	$90,000	$0	$0	$0	$90,000
2003	$90,000	$0	$0	$0	$90,000
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$270,000	$0	$0	$0	$270,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$30,000	$0	$30,000
Construction & Implementation	$0	$0	$180,000	$180,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$60,000	$0	$60,000
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$20,000	$0	$20,000
DPW Charges	$0	$10,000	$0	$10,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$60,000	$0	$60,000
Other Expenses	$0	$0	$180,000	$180,000
Total Project Cost	$0	$90,000	$180,000	$270,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$90,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$90,000

Cost Estimates Prepared By	Steve Dragosz	DPW Review By	Erik Krumins

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	05/2000
Complete Final Plans & Specifications	07/2000
Begin Construction	09/2000
Complete Construction	10/2000
Scheduled Project Closeout	01/2001

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WC006 – Courthouse Public Address System

An appropriation of $90,000 is budgeted for 2000 to replace antiquated and marginally functional Public Address (PA) systems in approximately four courtrooms, and add teleconferencing equipment. The PA systems in question were revealed as a result of an assessment of courtroom Public Address systems conducted in 1999 by Facilities Management.

Appropriations of $90,000 in years 2002 and 2003 are projected for the possible replacement of additional courtroom Public Address systems, which are 25-30+ years in age.

The goals of this approach include: (1) the replacement of the "worst" courtroom Public Address systems as a first step in the year 2000; (2) the proactive replacement of public address systems that are 25-30+ years old in years 2002 and 2003; (3) the eventual standardization of courtroom public address equipment which will facilitate future maintenance; (4) the purchase of some spare parts to service courtroom public address systems, and(5) the purchase of teleconferencing equipment.

Financing will be provided by general obligation bonds.

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 courtroom sound system and teleconferencing design.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WC009	Medical Examiner Facility Upgrade	

Requesting Department or Agency	Functional Group
Courthouse Complex - Medical Examiner	GENGOV

Department Priority	Person Completing Form	Date
	Eileen Weller	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$50,000	$0	$0	$0	$50,000
2001	$0	$0	$0	$0	$0
2002	$100,000	$0	$0	$0	$100,000
2003	$100,000	$0	$0	$0	$100,000
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$250,000	$0	$0	$0	$250,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$50,000	$200,000	$250,000
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$50,000	$0	$50,000
DPW Charges	$0	$0	$0	$0
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$200,000	$200,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$50,000	$200,000	$250,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$50,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$50,000

Cost Estimates Prepared By	DPW Review By
Eriks Krumins	

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	03/15/2000
Complete Final Plans & Specifications	05/15/2000
Begin Construction	
Complete Construction	
Scheduled Project Closeout	

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WC009 - Medical Examiner Facility Upgrade

An appropriation of $50,000 is budgeted for the Planning and Design phase of a remodeling project for the Medical Examiner's facility located at 933 West Highland Avenue, Milwaukee.

This appropriation is for Phase 1 of a space re-design of this facility. Substantial growth in staff, along with significant changes in workflow and productivity since the Medical Examiner moved into this facility ten years ago, has made it necessary to re-arrange the use of space. The Medical Examiner is planning to add 12-14 work stations for investigative staff , reconfigure clerical and investigative staff space; increase space for Assistant Medical Examiners and Forensic Pathology Fellows; add space for a conference room and other administrative functions; provide handicapped accessibility in compliance with the American with Disabilities Act; and improve space in the morgue and record storage areas.

This appropriation provides financing for project Planning and Design only. Once cost estimates and remodeling plans are completed, decisions can be made regarding how and when to proceed with the implementation in subsequent years.

Financing will be provided by general obligation bonds.

DPW Staffing Plan

Overall project management will be performed by DPW staff. Specialized consultants may be used for some components of the Basic Planning & Design phase of the project, as needed. Specialized consultants may be retained for archeological surveys, material testing, environmental testing, design services, etc., as required, to complete the Planning & Design phase of the project.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WC751	Courthouse Annex Roof Replacement and Renovations	

Requesting Department or Agency	Functional Group
Courthouse Complex	General Government

Department Priority	Person Completing Form	Date
	Eriks Krumins	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$1,100,000	$0	$0	$0	$1,100,000
2000	$496,200	$0	$0	$0	$496,200
2001	$0	$0	$0	$0	$0
2002	$4,050,000	$0	$0	$0	$4,050,000
2003	$3,000,000	$0	$0	$0	$3,000,000
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$8,646,200	$0	$0	$0	$8,646,200

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$450,000	$80,000	$1,250,000	$1,780,000
Construction & Implementation	$650,000	$416,200	$5,800,000	$6,866,200
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$10,000	$0	$10,000
Professional Services	$178,000	$0	$510,000	$688,000
DPW Charges	$72,000	$70,000	$740,000	$882,000
Capitalized Interest	$0	$16,200	$0	$16,200
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$650,000	$0	$0	$650,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$200,000	$400,000	$5,800,000	$6,400,000
Total Project Cost	$1,100,000	$496,200	$7,050,000	$8,646,200

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$487,100
Airport Reserve	$0
Investment Earnings	$9,100
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$496,200

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	$0
1998 Expenditures	$0
1999 Expenditures	$34,394
Total Expenditures to Date	$34,394
Encumbrances	$0
Available Balance	$1,065,606

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	06/2003

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WC751 – Annex Roof Replacement and Renovations

An appropriation of $496,200 is budgeted in 2000, including $16,200 in capitalized interest charges, for phase one of a three phase project to abate asbestos in the Courthouse Annex. Due to the potential health issues relating to the presence of asbestos in certain areas of the Courthouse Annex (third floor and above), the present occupants of the subject areas are being relocated in 2000 to another County owned building at 27th and Wells Streets. The Courthouse Annex third floor tenants include Housing, Joint Certification, Audit, DPW Administration, Environmental Services, Disadvantaged Business Development and Architectural Services.

For 1999, $1,100,000 initially was appropriated for the following:

- Tenant relocation and space remodeling
- Relocation of departmental computer systems, including the systems' disconnection and reconnection
- Close the skywalk, lockout elevators from the third floor and penthouse third floor north elevator lobby, reopen the skywalk and replace the Annex roof
- Construction contingency

During the course of 1999, various discussions took place to determine the most cost effective tenant relocation based on various issues. The issues included leases expiring for the other County Departments/Divisions at various facilities throughout Milwaukee County, availability of space needed, and downsizing of departments. It was determined that the best fit for Courthouse Annex tenants was to relocate to 27th and Wells. In September 1999, DPW submitted a fund transfer to change the scope of the project, in order that the tenants could move to 27th and Wells. It is anticipated that tenants would be relocated by the Spring/Summer of 2000.

After the third floor is vacated, the following phases of this project are proposed:

Phase I – Roof Replacement (2000) $480,000

During this phase, semi-permanent rigid barrier walls would be erected in the main north/south corridor, just south of the men's restroom door and north of the north stairway, leading to the "F" parking level below. The purpose of these walls would be to isolate any asbestos dislodged during the re-roofing work from areas used by employees or the public.

As soon as this work is in place, the re-roofing of all areas could be started. The re-roofing would replace the original built-up roof, which has long exceeded its normal life expectancy. At present, there are active roof leaks in numerous areas.

Phase II – Asbestos Abatement (2002) $4,050,000

During this phase the asbestos would be removed from structural members, undersides of roof decks, pipes and other locations. The areas include: "F" level elevator lobbies and janitorial closets, all third floor areas, penthouses and stairways.

In place of this removed asbestos, new "asbestos-free" fireproofing would be installed.

During this phase, all contaminated partitions, finishes, suspended ceilings and other building components would also be removed.

Phase III – Remodeling (2003) $3,000,000

The entire third floor would be restored and remodeled to permit the return of all displaced occupants.

WC751 Annex Roof Replacement and Renovations (continued)

Financing will be provided from $480,000 in general obligation bonds and $16,200 in investment earnings.

DPW Staffing Plan
Department of Public Works Staff will be responsible for project management. Specialized consultants will be retained as needed.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WC759	Courthouse 6th Floor Bullpens	

Requesting Department or Agency	Functional Group
Courthouse Complex/Circuit Courts	General Government

Department Priority	Person Completing Form	Date
	John Bitz	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$125,000	$0	$0	$0	$125,000
1999	$41,684	$0	$0	$0	$41,684
2000	$264,000	$0	$0	$0	$264,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$430,684	$0	$0	$0	$430,684

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$26,400	$0	$26,400
Construction & Implementation	$166,684	$237,600	$0	$404,284
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$6,857	$26,400	$0	$33,257
DPW Charges	$1,081	$17,600	$0	$18,681
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$41,684	$220,000	$0	$261,684
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$117,062	$0	$0	$117,062
Total Project Cost	$166,684	$264,000	$0	$430,684

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$264,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$264,000

Cost Estimates Prepared By	DPW Review By
Tom Pritzlaff	Eriks Krumins

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	$0
1998 Expenditures	$8,283
1999 Expenditures	$13,764
Total Expenditures to Date	$22,048
Encumbrances	$99,798
Available Balance	$44,839

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	03/2000
Complete Final Plans & Specifications	05/2000
Begin Construction	07/2000
Complete Construction	11/2000
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WC759 - Courthouse 6th Floor Bullpens

An appropriation of $264,000 is budgeted to provide bullpen facilities on the 6th floor of the courthouse for courtrooms 622 and 623. The bullpens will have toilet facilities and security cameras. Estimated costs for planning and design are $44,000, while construction costs are planned to be $220,000. Currently, there are two male bullpens that can accommodate 20 prisoners each, and two female bullpens that can accommodate two prisoners each, on the sixth floor. The facility will provide for twenty-four additional male prisoners.

In 1998, $125,000 was appropriated for the construction of bullpens on the fifth floor of the Courthouse to service the four courtrooms on the north half of the floor. The project provided for one bullpen for male prisoners to service all four courtrooms. Construction costs are higher for the sixth floor bullpens primarily due to the cost of installing more utilities than the Fifth Floor Bullpen project.

Financing will be provided by general obligation bonds.

DPW Staffing

Department of Public Works will be used for overall management. Specialized consultants may be used for some components of basic planning & design.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WC764	Courthouse Elevator Modernization	
Requesting Department or Agency: Courthouse Complex	Functional Group: GENGOV	
Department Priority	Person Completing Form: John Bitz	Date: 9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$487,500	$0	$0	$0	$487,500
1999	$299,800	$0	$0	$0	$299,800
2000	$672,000	$0	$0	$0	$672,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$1,459,300	$0	$0	$0	$1,459,300

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$59,800	$0	$0	$59,800
Construction & Implementation	$655,796	$672,000	$0	$1,327,796
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$71,704	$0	$0	$71,704
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$22,440	$0	$0	$22,440
DPW Charges	$46,000	$0	$0	$46,000
Capitalized Interest	$9,800	$22,000	$0	$31,800
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$290,000	$53,000	$0	$343,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$597,000	$0	$597,000
Other Expenses	$419,060	$0	$0	$419,060
Total Project Cost	$787,300	$672,000	$0	$1,459,300

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$659,700
Airport Reserve	$0
Investment Earnings	$12,300
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$672,000

Cost Estimates Prepared By	DPW Review By: Eriks Krumins	Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	$0
1998 Expenditures	$71,707
1999 Expenditures	$34,967
Total Expenditures to Date	$106,673
Encumbrances	$513,175
Available Balance	$167,451

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	
Complete Preliminary Plans	9/1998
Complete Final Plans & Specifications	11/1998
Begin Construction	1/1999
Complete Construction	6/2000
Scheduled Project Closeout	8/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WC764 - Courthouse Elevator Modernization

An appropriation of $672,000 is budgeted in 2000, including $22,000 in capitalized interest charges, to continue the modernization of the Courthouse. Financing is for the North bank and freight elevators, which will complete the project.

Modernization of the elevators will upgrade the elevators to Americans with Disabilities Act (ADA) standards, improve response time, ride quality and reliability, and reduce downtime. Modernization includes replacing: the generators with silicone controlled rectifiers, floor selectors with floor encoders, and relay logic controllers with solid state logic and computer control.

Prior year's appropriations of $787,300 were approved to upgrade the South bank of elevators and engineering for the North Bank and freight elevator. The 2000 appropriation would provide the final financing to complete the elevator modernization project.

Financing will be provided from $650,000 in general obligation bonds and $22,000 in investment earnings.

DPW Staffing Plan

The Department of Public Works staff responsible for project management are Steve Dragosz as project manager and John Bitz as construction manager. Specialized consultants may be used for some components of basic planning, design and construction management as needed.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WC779	Courthouse Air Conditioning CFC Conversion	

Requesting Department or Agency	Functional Group
Courthouse Complex	General Government

Department Priority	Person Completing Form	Date
	John Bitz	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$392,900	$0	$0	$0	$392,900
2000	$297,700	$0	$0	$0	$297,700
2001	$400,000	$0	$0	$0	$400,000
2002	$364,000	$0	$0	$0	$364,000
2003	$120,000	$0	$0	$0	$120,000
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$1,574,600	$0	$0	$0	$1,574,600

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$102,900	$9,000	$565,000	$686,600
Construction & Implementation	$290,000	$28,700	$319,000	$628,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$260,000	$0	$260,000
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$54,000	$9,000	$0	$63,000
DPW Charges	$36,000	$9,000	$0	$45,000
Capitalized Interest	$12,900	$9,700	$0	$22,600
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$10,000	$0	$10,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$290,000	$260,000	$0	$550,000
Other Expenses	$0	$0	$884,000	$884,000
Total Project Cost	$392,900	$297,700	$884,000	$1,574,600

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$292,200
Airport Reserve	$0
Investment Earnings	$5,500
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$297,700

Cost Estimates Prepared By	DPW Review By John Bitz

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	$0
1998 Expenditures	$0
1999 Expenditures	$7,624
Total Expenditures to Date	$7,624
Encumbrances	$35,538
Available Balance	$349,738

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	06/1999
Complete Final Plans & Specifications	08/1999
Begin Construction	11/1999
Complete Construction	10/2003
Scheduled Project Closeout	11/2003

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WC779 - Courthouse Air Conditioning CFC Conversion

An appropriation of $297,700 is budgeted in 2000, including $9,700 in capitalized interest charges, to continue the replacement/repair of courthouse complex chillers and related equipment. Financing is for replacement of the annex chiller and the condenser for A-C 5. This equipment was moved up in priority due to repairs required to the present equipment.

Currently, R-11 which is no longer manufactured, is used as a refrigerant for the existing chillers. Manufacturing has been banned because this substance destroys the ozone layer when it is released into the atmosphere it. 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.	$392,900
2000	Replace courthouse annex chiller (200,000) and condenser for AC-5 (88,000)	288,000
2001	Replace courthouse three and four at a cost of $200,000 each	400,000
2002	Replace chillers in the Community Correction Center (134,000)and Safety Bldg. (230,000)	365,000
2003	Rebuild Criminal Justice Center Chillers at cost of $60,000 each	120,000
	Total	1,564,900

Financing will be provided from $288,000 in general obligation bonds and $9,700 in investment earnings.

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.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 12
HOUSE OF CORRECTION

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WJ009	Convert Lotter Building Food Service to Blind Server	

Requesting Department or Agency	Functional Group
House of Correction	GENGOV

Department Priority	Person Completing Form	Date
	David Lehmann	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$110,000	$0	$0	$0	$110,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$110,000	$0	$0	$0	$110,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$25,000	$0	$25,000
Construction & Implementation	$0	$85,000	$0	$85,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$25,000	$0	$25,000
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$0	$0	$0
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$85,000	$0	$85,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$110,000	$0	$110,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$110,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$110,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
	Eriks Krumins	30

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	NA
Complete Final Plans & Specifications	03/2000
Begin Construction	04/2000
Complete Construction	12/2000
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WJ009 – Convert Lotter Building Food Service to Blind Server

An appropriation of $110,000 is budgeted for the conversion of the food service area of the Lotter Building to a blind server line as utilized at the other dining areas of the House of Correction.

This project includes the removal of existing cooking equipment, fryer, griddles, ovens and tray lines, and installation of a new concrete black wall with three tray slots, HVAC revision and equipment. Equipment needs include: 1 beverage counter, 1 special diet assembly unit, 2 tray assembly units, 2 re-therm units, 2 tray dollies, 3 soiled tray return cabinets, 1 glass/cup dispenser, 3 juice/coffee containers, 1 mobile frozen novelty cabinet and a cooler.

These improvements are needed to provide uniformity in the delivery of meals throughout this institution in order to streamline the serving of meals to an ever-increasing population.

Financing will be provided by general obligation bonds.

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.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WJ011	Renovate Former ACC Administration Building	

Requesting Department or Agency	Functional Group
House of Correction	General Government

Department Priority	Person Completing Form	Date
	David Lehmann	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$600,000	$0	$0	$0	$600,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$600,000	$0	$0	$0	$600,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$100,000	$0	$100,000
Construction & Implementation	$0	$500,000	$0	$500,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$50,000	$0	$50,000
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$50,000	$0	$50,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$500,000	$0	$500,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$600,000	$0	$600,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$600,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$600,000

Cost Estimates Prepared By	DPW Review By	Eriks Krumins

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	2/1/2000
Complete Final Plans & Specifications	3/1/2000
Begin Construction	1/1/2000
Complete Construction	12/31/2000
Scheduled Project Closeout	12/31/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WJ011 – Renovate Former ACC Administration Building

An appropriation of $600,000 is budgeted for the renovation of approximately 20,000 square feet of abandoned space at the Adult Correctional Center of the House of Correction (HOC).

The areas of the Adult Correctional Center that have been relocated to the 600-bed expansion at the House of Correction are identified in the original program for this project. The State Department of Correction granted the House of Correction and Milwaukee County a variance for square footage per inmate in the dorm units partially because vacated space in the Adult Correctional Center would be renovated into program space.

With the opening of the 600 bed and 400 bed additions to the Adult Correctional Center, it has become necessary to remodel and renovate areas abandoned such as the old administration and adjoining areas to accommodate expanded needs at the HOC. This area can be utilized to provide space for a library, medical clinic, ambulatory care unit, education and additional multi purpose space.

Financing will be provided by general obligation bonds.

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.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WJ012	ACC Elevator Renovatiion	
Requesting Department or Agency: House of Correction	Functional Group: GENGOV	
Department Priority	Person Completing Form: David Lehmann	Date: 9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$408,000	$0	$0	$0	$408,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$408,000	$0	$0	$0	$408,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$68,000	$0	$68,000
Construction & Implementation	$0	$340,000	$0	$340,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$68,000	$0	$68,000
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$0	$0	$0
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$340,000	$0	$340,000
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$408,000	$0	$408,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$408,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$408,000

Cost Estimates Prepared By	DPW Review By: Eriks Krumins

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	01/2000
Complete Final Plans & Specifications	03/2000
Begin Construction	03/2000
Complete Construction	12/2000
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WJ012 - ACC Elevator Replacement

An appropriation of $408,000 is budgeted for the rebuilding and replacement of two elevators at the Adult Correctional Center of the House of Correction (HOC).

The service elevator is an original installation in the HOC and does not meet code. The gates, floor and most of the car itself are constructed of wood, making it a fire hazard. The controls are original and very difficult to repair because parts are not available. This elevator is used to move food and supplies from the lower level to the first floor. It is not intended as a passenger elevator. The cost to retro-fit the elevator car and controls would be approximately the same as replacement.

The passenger elevator is needed for staff and inmates, to comply with ADA requirements. This elevator is the only one that services all three floors at the Adult Correctional Center. This elevator is critical to the House of Correction and is used to transport the medical staff and medical carts to all units of the HOC. All supplies are transported to the three floors of the Adult Correctional Center in this unit. This elevator is used in medical emergencies by transporting equipment and supplies to the ground floor for rescue squad transport to a hospital.

In 2000 two new elevator cars will be installed, the existing rails plumbed, handicapped accessibility provided, weights adjusted, elevator pits revised to proper depths, smoke detection installed, equipment room air conditioned, electrical revisions made and inspection of the sump pump and drain pipes conducted.

The two elevators are currently 46 and 29 years old with original equipment. For the years of 1998 and 1999, the House of Correction spent approximately $8,000 for elevator repairs.

Financing will be provided by general obligation bonds.

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.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WJ013	Fish Hatchery Barn Roof Replacement	

Requesting Department or Agency	Functional Group
House of Correction	General Government

Department Priority	Person Completing Form	Date
	David Lehmann	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$216,000	$0	$0	$0	$216,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$216,000	$0	$0	$0	$216,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$36,000	$0	$36,000
Construction & Implementation	$0	$180,000	$0	$180,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$36,000	$0	$36,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$180,000	$0	$180,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$216,000	$0	$216,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$216,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$216,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
	Eriks Krumins	15

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	01/2000
Complete Final Plans & Specifications	02/2000
Begin Construction	03/2000
Complete Construction	12/2000
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WJ013 - Fish Hatchery Barn Roof Replacement

An appropriation of $216,000 is budgeted for the roof replacement of the fish hatchery at the House of Correction.

The fish hatchery barn roof is at least 20 years old and has never been replaced. The expected maximum useful life of asphalt shingle is 20 years. It has recently suffered wind damage and should be replaced to avoid more costly structural damage and damage to the buildings' contents. This roof has been patched several times in the past five years.

The lower portion of this building is used for the Fish Hatchery operation and the loft is used to store Parks and House of Correction equipment, props, beds, footlockers and mattresses.

The building currently has two layers of roofing material that should be removed before re-roofing is done. It is not recommended that three roofs be installed on a structure of this size and construction. The additional weight could not be supported by this building, thus reducing the snow/wind load this structure could withstand.

This project calls for the replacement of 18,500 square feet of new asphalt shingles.

Financing will be provided by general obligation bonds.

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.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS

SECTION 13
OTHER COUNTY AGENCIES

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO007	Paramedics Radio/Telecommunication System	

Requesting Department or Agency	Functional Group
County Health Related Program	General Government

Department Priority	Person Completing Form	Date
	Joseph Cooper	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$100,000	$0	$0	$0	$100,000
2000	$3,191,880	$0	$0	$0	$3,191,880
2001	$1,355,400	$0	$0	$0	$1,355,400
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$4,647,280	$0	$0	$0	$4,647,280

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$3,191,880	$1,355,400	$4,547,280
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$100,000	$0	$0	$100,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$100,000	$0	$0	$100,000
DPW Charges	$0	$0	$0	$0
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$3,191,880	$1,355,400	$4,547,280
Other Expenses	$0	$0	$0	$0
Total Project Cost	$100,000	$3,191,880	$1,355,400	$4,647,280

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$3,191,880
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$3,191,880

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	7

Project Fiscal Status

Prior Years Expenditures	$0
1998 Expenditures	$0
1999 Expenditures	
Total Expenditures to Date	$0
Encumbrances	$0
Available Balance	$100,000

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	09/1999
Complete Final Plans & Specifications	12/1999
Begin Construction	
Complete Construction	
Scheduled Project Closeout	06/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO007 – Paramedics Radio/Telecommunications System

An appropriation of $3,191,880 is budgeted for the second phase of replacing and upgrading radio and telecommunications utilized by the paramedic system. This project is to be financed by general obligation bonds.

This equipment is used by the communications base and the municipalities in the exchange of voice and data between the communications base and the paramedics operating in the field. The appropriation will be used by the Division of County Health Programs (CHP) to obtain replacement equipment including communications boosters, repeaters, communication devices on ambulances, the main communications console and relocation of antennae.

The system consists of consoles (providing the interface for medical control by physicians in the emergency room at Froedtert Memorial Lutheran Hospital), the base (which transmits and receives the radio signals), and the receivers and demodulator equipment located on the antennae. The "physician" consoles were installed in 1978.

Currently, the equipment being used in the field are portable Motorola APCOR radios. This equipment is more than 10 years old and Motorola discontinued the production of this equipment approximately four years ago. Since it is not possible to purchase new equipment, replacement equipment and surplus parts are required for maintaining the system, most of which are purchased when other areas upgrade their equipment. However, as the communications equipment continues to age and deteriorate, the ability to locate replacement equipment is more difficult. In late 1997, the anticipated realistic useful life of continuing with the current equipment was three years.

The first phase of this project was included in the 1999 Capital Improvements Budget with an appropriation of $100,000 for project consultant and management services. The consultant was hired in the summer of 1999 and the cost estimate of $3,191,880 was developed in late September 1999.

Considerations for the replacement equipment include the ability to meet continuous radio contact, communicate data between the field and the base and address multiple calls over multiple channels simultaneously. The project manager will work with the Department of Administration-Procurement Division to develop the bid specifications for the equipment and the bid documents will be released in January 2000, with installation and system activation by June 2000.

DPW Staffing Plan

No Department of Public Works staffing plan is required. Specialized consultants may be used for some components of the construction management phase of the project, as needed.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO010	County Web, Internet & E-Commerce	

Requesting Department or Agency	Functional Group
Department of Administration	General Government

Department Priority	Person Completing Form	Date
	Elizabeth Thundercloud	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$200,000	$0	$0	$0	$200,000
2001	$100,000	$0	$0	$0	$100,000
2002	$200,000	$0	$0	$0	$200,000
2003	$1,000,000	$0	$0	$0	$1,000,000
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$1,500,000	$0	$0	$0	$1,500,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$140,000	$0	$140,000
Construction & Implementation	$0	$60,000	$1,300,000	$1,300,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$60,000
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$140,000	$1,300,000	$1,440,000
DPW Charges	$0	$0	$0	$0
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$60,000	$0	$60,000
Total Project Cost	$0	$200,000	$1,300,000	$1,500,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$60,000
G.O. Bonds and Notes	$140,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$200,000

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	5

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	6/1999
Complete Final Plans & Specifications	3/2000
Begin Construction	6/2000
Complete Construction	9/2000
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO010 – County Web, Internet and Electronic Commerce (E-Commerce)

An appropriation of $200,000 is budgeted for the expansion and upgrade of Milwaukee County's web site. Financing includes $140,000 in bonds and $60,000 in power plant revenues.

Specifically, the project would address the following areas over the next four years (2000-2003):

1. **Services:** This component involves basic planning and design, construction management, and the actual production of an enhanced web site.

2. **Information Infrastructure:** This component involves technical support, training, software, and electronic commerce. Two to three major software applications will be developed to allow the public to do business with the County via the Internet. Examples of these online services include the filing of job applications, the ability to obtain copies of vital records, and submitting bid documents.

2. **Equipment:** This component includes routers (which direct information from one part of the Wide Area-Network (WAN) to another part of the WAN) and firewalls (which protect the integrity of information flowing in and out of the web site). In addition, the equipment, hardware, and software necessary to create and host a web site will be purchased.

Specific issues to be addressed by this project include:

- Identification of County-wide department use and expectations for Internet, Intranet, and E-Commerce
- Identification of the public's needs and expectations of County Internet presence
- Listing of E-Commerce solutions to meet the public's needs
- Development of a detailed site plan
- Prioritization of the order in which the sites will become "live" for public use
- Redesigning the current site following the new outline and priority listing, including all forms and processes needed to implement Internet, Intranet and E-Commerce solutions
- Assessing the feasibility of housing and maintaining the County's Web Site in-house versus an external Internet Service Provider (ISP)
- Development of a plan that addresses technological control of the site whether it is maintained in-house or by an ISP
- Identification of equipment and application needs and costs
- Identification of costs associated with the training and education of staff to meet development and maintenance requirements of the County site
- Identification of future maintenance costs of the site
- Initial production and implementation of the site

Prior to the production of an enhanced web site, the Information Management Services Division (IMSD) will work with consultants in 2000 to develop a three-year strategic plan to identify the goals and costs of the project. Once the strategic plan is prepared, IMSD will issue a Request for Proposals (RFP) to solicit firms to begin implementing the three-year plan. Initial activities likely to be undertaken include a redesign of the web site and identification of user departments.

The funding targeted for 2001 and 2002 is for the continued expansion of the site. In addition, electronic commerce (or e-commerce) would be established for County departments. E-commerce would allow departments to display information on the web site, which could then be downloaded by the public. For example, tax roll information could be made available by the County Treasurer's office. The presence of e-commerce would require the development of various software applications for user departments.

The multi-year capital plan includes $100,000 in 2001, $200,000 in 2002 and $1,000,000 in 2003.

WO010– County Web, Internet and Electronic Commerce (E-Commerce) (contd.)

DPW Staffing Plan

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

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO011	Fleet Maintenance-Automated Fuel Dispensing System	
Requesting Department or Agency: DPW - Fleet Maintenance	Functional Group: General Government	
Department Priority	Person Completing Form: Darryl D. Marcoux	Date: 9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$360,000	$0	$0	$0	$360,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$360,000	$0	$0	$0	$360,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$60,000	$0	$60,000
Construction & Implementation	$0	$300,000	$0	$300,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$60,000	$0	$60,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$300,000	$0	$300,000
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$360,000	$0	$360,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$360,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$360,000

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	10

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	02/2000
Complete Final Plans & Specifications	03/2000
Begin Construction	03/2000
Complete Construction	05/2000
Scheduled Project Closeout	06/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO011 – Fleet Maintenance-Automatic Fuel Dispensing System

An appropriation of $360,000 is budgeted for the replacement of the Automated Fuel Dispensing System at the four existing fueling facilities. The four facilities include the Airport, Courthouse Annex, North Shop, and Fleet Maintenance Facility. This project would be bond-financed.

The card readers used by County employees to operate the fuel pumps have become outdated and obsolete. Replacement parts are no longer available. To date, the units have been maintained and kept operational by salvaging parts from two other defective card readers.

Failure to replace the Automated Fuel Dispensing System would have a negative impact on the services provided by Fleet Maintenance to departments utilizing vehicles requiring fuel.

DPW Staffing Plan
The Department of Public Work Project Manager for this project will be Mike Zylka.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO015	Fleet Maintenance - Asphalt Paving	

Requesting Department or Agency	Functional Group
DPW - Fleet Maintenance	General Government

Department Priority	Person Completing Form	Date
	Darryl D. Marcoux	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$90,000	$0	$0	$0	$90,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$90,000	$0	$0	$0	$90,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$15,000	$0	$15,000
Construction & Implementation	$0	$75,000	$0	$75,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$15,000	$0	$15,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$75,000	$0	$75,000
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$90,000	$0	$90,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$90,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$90,000

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	5

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	Variuos
Complete Final Plans & Specifications	Various
Begin Construction	Various
Complete Construction	Various
Scheduled Project Closeout	Various

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO015 – DPW Fleet Maintenance Asphalt Paving

An appropriation of $90,000 is budgeted for an asphalt cap to seal the deteriorating concrete roadway adjacent to the Fleet Maintenance facility. This project is to be financed with general obligation bonds.

The 33-year-old concrete roadway, totaling 110,200 square feet, borders the west, north and south sides of the facility. Part of the roadway on the east side of the building, between the Fleet and Sheriff's Highway buildings, was asphalted when the employee parking lot was completed in 1998.

The cap is expected to preserve the useful life of the existing roadway at a nominal cost and prevent a complete deterioration of the roadway. The cap is expected to last five years.

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.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO017	Black Holocaust Museum	

Requesting Department or Agency	Functional Group
Other Agencies	General Government

Department Priority	Person Completing Form	Date
		9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$25,000	$0	$0	$0	$25,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$25,000	$0	$0	$0	$25,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$25,000	$0	$25,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$0	$0	$0
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$25,000	$0	$25,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$25,000	$0	$25,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$25,000
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$0
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$25,000

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO017 – Black Holocaust Museum

An appropriation of $25,000 is budgeted to provide funding for building expenses incurred in the construction of an addition to the Black Holocaust Museum. The project is to be financed by property tax levy.

The Black Holocaust Museum opened in 1988 to educate the public regarding the issues of race and racism. The museum was founded by James Cameron, America's only known living survivor of a lynching. In 1994, the museum moved to its current location, 2233 N. 4th Street, a 7000 square-foot building in Milwaukee's Historic King Drive District. In 1999, the Museum broke ground at this location for an additional 5,000 square feet, launching the institution into a new arena of hosting larger and nationally-acclaimed exhibits and programs.

Past exhibitions sponsored by the museum include, "Let Freedom Ring," which documents the civil rights movement; "A Slave Ship Speaks: The Wreck of the Henrietta Marie," which displays an actual slave shipwreck. Recently, the Museum was awarded a grant from the Wisconsin Humanities Council to develop an exhibit entitled, "Understanding the Roots of Racism." Finally, an exhibit targeted toward children is "Jeremy's Stories" which features stories narrated by children of racial injustice.

DPW Staffing Plan

A Department of Public Works staffing plan is not required for this project.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO018	County Board Broadcasting/Sound System	

Requesting Department or Agency	Functional Group
DPW - Other Agencies	General Government

Department Priority	Person Completing Form	Date
	Steve Dragosz	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$108,000	$0	$0	$0	$108,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$108,000	$0	$0	$0	$108,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$18,000	$0	$18,000
Construction & Implementation	$0	$90,000	$0	$90,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$10,800	$0	$10,800
DPW Charges	$0	$7,200	$0	$7,200
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$90,000	$0	$90,000
Total Project Cost	$0	$108,000	$0	$108,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$108,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$108,000

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	15

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	04/2000
Complete Final Plans & Specifications	06/2000
Begin Construction	09/2000
Complete Construction	10/2000
Scheduled Project Closeout	11/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO018 – County Board Sound System

An appropriation of $108,000 is budgeted for broadcast-quality television cameras and associated equipment to facilitate the recording and/or live broadcast of Milwaukee County Board meetings. This equipment will be financed by general obligation bonds.

The proposed new television equipment would feature remote control equipment requiring only two personnel to record or televise a County Board meeting. It is anticipated that a staff person from the City Channel could be paired with an existing County Board staff member to operate the controls from the County Board control room. The City Channel has agreed to provide at least one staff member to operate the controls for each County Board meeting free-of-charge. Therefore, no operational costs are anticipated with this project.

Approximately $10,800 of the $18,000 budgeted in Department of Public Works fees will be used for an outside consultant to prepare recommendations for equipment purchases and installation.

County Board meetings were previously televised from 1987 to 1991. Regular telecasting was discontinued, however, due to staff cuts at the City Channel and the County's decision not to hire and pay for freelance production assistants. In order to prevent a similar situation from recurring, a Letter of Agreement between the City Channel and the County has been recommended by County Board staff.

The following is a breakdown of the cost of the proposed project:

Item	Quantity	Estimated Cost
Floor Mounted 3-Chip Cameras	3	$ 45,000
Shot Director	1	$ 2,300
Character Generator	1	$ 7,200
9-inch Color Monitors	4	$ 2,500
Editing System	1	$ 6,400
Blackburst Generator	1	$ 400
Misc. Accessory Items (carts, stands, etc.)		$ 7,200
Vendor Installation Costs		$ 4,000
DPW Fees		$ 18,000
Allowances & Contingencies		$ 15,000
TOTAL		**$108,000**

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 television studio equipment selection and overall installation & system integration design.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO019	Polish Community Center	

Requesting Department or Agency	Functional Group
Other Agencies	General Government

Department Priority	Person Completing Form	Date
		9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$25,000	$0	$0	$0	$25,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$25,000	$0	$0	$0	$25,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$25,000	$0	$25,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$0	$0	$0
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$25,000	$0	$25,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$25,000	$0	$25,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$25,000
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$0
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$25,000

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO019 – Polish Community Center

An appropriation of $25,000 is budgeted as a contribution to help offset the cost for construction of The Polish Center of Wisconsin. The project is budgeted to be financed by property tax levy.

The Polish Center, to resemble a two-story Polish manor house, will be located on 44 acres in Franklin. A private fundraising campaign began in 1998 with a goal of $3.5 million.

The Polish Center will offer space for parties, weddings, corporate and community functions, and informal gatherings. The center also will showcase Polish culture and history as well as serve as a resource for contemporary artistic, cultural and political developments in Poland. A genealogy library will also be available to assist visitors in learning more about their cultural heritage.

DPW Staffing Plan

A Department of Public Works staffing plan is not required for this project.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO020	Blatz Building in Lincoln Memorial Park	

Requesting Department or Agency	Functional Group
Other Agencies	General Government

Department Priority	Person Completing Form	Date
		9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$100,000	$0	$0	$0	$100,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$100,000	$0	$0	$0	$100,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$100,000	$0	$100,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$15,000	$0	$15,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$85,000	$0	$85,000
Total Project Cost	$0	$100,000	$0	$100,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$100,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$100,000

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO020 – Blatz Building in Lincoln Park

An appropriation of $100,000 is budgeted for the demolition of the Blatz Pavilion in Lincoln Park to allow for the construction of a privately-financed, multi-purpose community center. The demolition portion of the project will be financed by general obligation bonds.

The cost breakdown for the demolition is as follows:

Demolition	$62,000
Environmental Remediation & Utility Abandonment	$23,000
Architectural & Engineering plus Construction Management	$15,000
Total:	$100,000

Once the demolition of the existing building is completed, a not-for-profit organization, the M7 Community Development Corporation, plans to construct a 53,800 square-foot, multi-purpose facility for banquets, meetings, private events, moderately-priced dining and club dining. The community center, estimated to cost $6,500,000, will be financed by the M7.

The M7 Community Development Corporation is a collaboration of seven central city churches whose stated purpose is the economic revitalization of the inner city. The M7 works cooperatively with government and private entities to spur economic development, combat deterioration and blight, foster safe neighborhoods, and raise public awareness in the areas of health, family, and the community.

Construction is anticipated to begin in late spring of 2000. However, this construction schedule is contingent upon the County's demolition schedule.

The M7 will own the new facility and the County will provide the land at no cost. In addition, the Parks Department is expected to house its north region administrative offices in the new facility at no cost.

The community center will be a focal point for ethnic and cultural organizations in the Greater Milwaukee area. As needs demand, space in the community center will be available at cost for various ethnic organizations to conduct programs or meetings, hold exhibitions or other activities lending themselves to the preservation and propagation of their cultural heritage. The center will also provide employment and opportunities for entrepreneurs in the hospitality industry and generate profits that can be used to seed other economic development initiatives.

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 archaeological surveying, soil/materials/environmental 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.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO021	Milwaukee County Public Art Program	
Requesting Department or Agency: Other Agencies	Functional Group: General Government	
Department Priority	Person Completing Form	Date: 9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$100,000	$0	$0	$0	$100,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$100,000	$0	$0	$0	$100,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$100,000	$0	$100,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$0	$0	$0
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	-$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$100,000	$0	$100,000
Total Project Cost	$0	$100,000	$0	$100,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$100,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$100,000

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO021 Milwaukee County Public Art Program

This budget establishes a "1% for Public Art" Program for designated/eligible projects contained in this and future capital budgets. The Program will require that 1% of total budgeted funds for designated/eligible capital projects exceeding $500,000 shall be used for public art related to that project.

Through the annual Adopted Budget, the County Executive and County Board will designate and fund County capital projects for the 1% Public Art Program.

For the year 2000 Capital Budget, a special Capital Public Art appropriation of $100,000 is created and financed with general obligation bonds. The use of these funds will be evaluated to determine whether to continue financing this program in future years through a separate appropriation or as part of individual designated/eligible projects.

To be eligible for this program, a project must:

1. Be funded for more than $500,000.
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.

This appropriation will be used to fund year 2000 projects that are budgeted over $500,000 and designated for this program. The designated projects for 2000 are: Lincoln Memorial Drive Reconstruction (WP003), North Shore Bike Trail (WP45802), Villa Terrace Rehabilitation (WO87202), War Memorial/Art Museum Seawall (WO881), Reconstruction of Layton Avenue between 108th/84th (WH201032), Reconstruction of Beloit Road between 108th/103rd (WH201062), Reconstruction of CTH "W" – Port Washington Road (WH201141), Resurfacing W. Layton Avenue between S. 76th/84th (WH20302), and Reconstruction of W. Rawson Avenue/Hawthorne (WH22201).

There are other projects that exceed $500,000 in funding in the 2000 Capital Budget which are still in the planning stages. As such, they are not proposed to be funded from the 2000 appropriation for Public Art. It shall be expected, however, that, upon completion, 1% of the total funding for these projects shall be utilized for public art. It is anticipated that this designation will occur in a future budget, however, it is intended that the 1% requirement shall apply to the total cost. These projects include: Vliet Exterior Improvements (WS00501), Boerner Botanical Gardens Visitor Center (WP001), McKinley Marina Administration Building (WP511), Sheriff's Training Academy (WO878), and the Airport Parking Garage (WA325).

There are additional projects in the Year 2000 Capital Budget which exceed $500,000 but which will not be part of the Public Art Program. They include: Bus Vacuum System – KK & Fond du Lac, Trolley Bus and Bus Replacement purchases, Point of Sale Replacement at the Zoo, Zoo Infrastructure Improvements, the Old ACC Administration Building Renovation at the House of Correction, the O'Donnell Sheet Pile project, Parks Infrastructure Improvements, Courthouse Elevator Modernization, Paramedics Radio/Telecommunication, Fleet Equipment Acquisition, Brownfields Redevelopment, Y2K Technical Improvements, Nonpoint Source Control – Wisconsin Avenue Lagoon, Doyne Demolition, and Traffic Signal Software Upgrade.

The CMC Train Depot project is not included in the Public Art Program because the County is acting as a conduit for the project financing and will not have any financial obligation for the Depot.

WO021 Milwaukee County Public Art Program (contd.)

In addition, the County Executive and/or County Board may designate any project for inclusion in the Public Art Program if it is determined that a particular project will be enhanced by the presence of public art.

The County Executive and County Board Chairman will appoint a Milwaukee County "Public Art Committee." The Committee will include three County Executive appointments, three County Board Chairman appointments and the Director of Public Works.

The Committee will be charged with reviewing the above eligibility criteria and making recommendations for additions/modifications. Any changes to the Program criteria will require the review and approval of the County Board and the County Executive.

The Committee will determine and report specific policies and procedures for the Public Art program to the County Board by May 1, 2000 including:

- Guidelines for project determination and amount of project to be included;
- Guidelines for how money will be allocated to specific projects;
- Guidelines for administration of the program including process for review and approval of art projects, administration of program including contract execution, monitoring of implementation and on-going maintenance of completed projects;
- Guidelines for advisory input specific to projects (for example, project architect, user agency, community liaison);
- Recommendations for any necessary changes to County Ordinances.

The Committee's responsibilities will include:

- Developing requests for proposals which define the scope of the public arts project including site, theme, scale, medium and the level of integration into the capital facility project;
- Obtaining community input;
- Securing proposals;
- Evaluating, reviewing and approving proposals;
- Executing contracts.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO858	Fleet Equipment Acquisition	

Requesting Department or Agency	Functional Group
DPW Fleet Maintenance	General Government

Department Priority	Person Completing Form	Date
	Darryl D. Marcoux	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$16,758,401	$1,659,824	$194,697	$0	$14,903,880
1999	$3,095,000	$0	$0	$0	$3,095,000
2000	$3,657,400	$0	$0	$0	$3,657,400
2001	$3,000,000	$0	$0	$0	$3,000,000
2002	$3,000,000	$0	$0	$0	$3,000,000
2003	$3,000,000	$0	$0	$0	$3,000,000
2004	$3,000,000	$0	$0	$0	$3,000,000
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$35,359,501	$1,659,824	$194,697	$0	$33,504,980

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$3,000,000	$0	$12,000,000	$15,000,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$3,657,400	$0	$3,506,100
Unassigned	$16,853,401	$0	$0	$16,853,401
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$0	$0	$0	$0
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$6,125,225	$0	$0	$6,125,225
Other Expenses	$13,728,176	$3,657,400	$12,000,000	$29,234,276
Total Project Cost	$19,853,401	$3,657,400	$12,000,000	$35,359,501

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$3,000,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$207,400
Gifts & Cash Contributions	$0
Other Revenue	$450,000
Total Budget Year Financing	$3,657,400

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	6

Project Fiscal Status

Prior Years Expenditures	$12,255,711
1998 Expenditures	$3,030,269
1999 Expenditures	$1,266,527
Total Expenditures to Date	$16,552,508
Encumbrances	$1,442,810
Available Balance	$1,858,083

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	01/2000
Complete Final Plans & Specifications	03/2000
Begin Construction	NA
Complete Construction	NA
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO858 – DPW – Fleet Equipment Acquisition

An appropriation of $3,657,400 is budgeted for replacement and new vehicle equipment. The financing for this project includes $3,000,000 in general obligation bonds, $207,400 in Passenger Facility Charges (PFCs) revenue, and $450,000 in Potawatomi revenue.

The following table provides a breakdown of costs for the 2000 Capital Improvements Budget:

Subproject	Project Description	County Executive Recommended	Bond Amount
WO85801	Fleet – general	2,701,300	$2,701,300
WO85802	HOC vehicles	$154,500	$154,500
WO85803	Airport vehicles	*$207,400	$0
WO85804	Sheriff vehicles	$144,200	$144,200
WO85805	Paramedic Ambulances (3)	**$450,000	$0
Total:		$3,657,400	$3,000,000

*Financing for the Airport vehicles is Passenger Facility Charges (PFC).
**Financing for the ambulances is Potawatomi revenue (see Budget Org. 1937).

WO85801: Fleet Equipment Acquisition - General - An appropriation of $2,701,300 is budgeted for various equipment and vehicles throughout the County. The vehicles and equipment request list follows this narrative.

The actual equipment purchased in 2000 will be based on the highest priority items identified by Fleet Maintenance in cooperation with the user departments. The list is prioritized by categories of "P1" and "P1a" which denote first-priority vehicles, followed by "P2" and "P3."

Financing for the 2000 budget requires issuance of general obligation debt. 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 2000 must be adhered to in the acquisition plan. That is, 50 percent of the light-duty automobiles and trucks below 8,500 lbs. Gross Vehicle Weight Rating (GVWR) and 50 percent of heavy-duty vehicles, 8,500-26,000 lbs., must be CFV.

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)

The cost per vehicle to comply with the Federal Clean Air Act ranges between $5,000 and $7,000.

DPW Fleet Maintenance 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.

WO858 – DPW – Fleet Equipment Acquisition (contd.)

WO85802: House of Correction (HOC) Vehicles – An appropriation of $154,500 is budgeted for two, 15-passenger transport vans; three, nine-passenger transport vans; and one 4x4-ton pickup truck.

The new vans and pickup are needed to replace vehicles that are in disrepair. The need is a result of increased usage coinciding with the HOC expansion and vehicles that have already surpassed their useful and expected life.

Most of the current vehicles are high-mileage and in need of major repair if they are continued to be used for inmate transportation, according to the HOC. With the current expansion and crowded conditions at the Criminal Justice Facility, many inmates are being housed in Franklin. These inmates are typically pre-trial which require more transportation downtown for court, medical, and psychiatric evaluations.

The addition of new vehicles would allow the HOC to move existing vehicles in decent condition off the road into site areas such as Maintenance, Food Service, and the Farm/Hatchery. Others will be transferred to Fleet Maintenance for sale.

WO85803: Airport Vehicles – An appropriation of $207,400 is budgeted for the purchase of two plows and a wheel loader. This equipment will be financed completely by passenger facility charge (PFC) revenues.

WO85804: Sheriff Vehicles – An appropriation of $144,200 is budgeted for the purchase of three Crown Victor cars to patrol the Lake Parkway extension, two Tahoe trucks for truck inspections, and one Camero pursuit vehicle for the Road Rage program.

WO85805: Paramedic Vehicles – An appropriation of $450,000 is budgeted for the purchase of three ambulances for normal use and the training of paramedic personnel for the Division of County Health Programs (CHP). Each ambulance is estimated to cost $150,000. These vehicles will be financed by $450,000 in Potawatomi revenue.

Under the current training program, three individuals (one instructor and two trainees) typically ride in the ambulance. In addition to the students and instructor, three paramedics are present by County requirement. Because traditional ambulances can typically transport only three paramedics and a patient comfortably, the current arrangement is cumbersome and does not promote quality patient care. The three ambulances are larger, seating four in the cab and a few people in back. This will allow for the transportation of the regular paramedic staff of three and the instructor and two students as well as the patient.

In addition, with the expansion of the Paramedic Training Center's education program to include Paramedic First Response (PFR) capabilities, the field placement educational experiences will double during the course of a year. In the past, field experiences for students in Paramedic classes were limited to approximately 20 weeks per year. However, the PFR expansion will increase the necessity for training vehicles to nearly 40 weeks. Finally, the establishment of designated training vehicles provides the County more flexibility in addressing zones of coverage and provision of back up services for municipalities.

DPW Staffing Plan
No Department of Public Works staffing plan is required.

WO858 - Fleet Equipment Acquisition (contd.)

IN	UNIT #	DESCRIPTION	YEAR	ORG #	RECOMMENDED
1		**101 Series Trucks P2**			
2		**less than 13,000 GVW 4x2**			
3		**Includes 2000 Alt.Fuel Requirements**			
4	062	Pick Up/ Utility Upgrade CrewCab	88	9430	$22,000.00
5	470	Stake Body Upgrade to 4 x 4 Crew Cab	84	9420	$29,800.00
6	441	Van Cargo	84	5702	$18,247.00
7	492	Van Cargo	85	5702	$18,247.00
8	502	Van Cargo	92	5171	$30,000.00
9					**$118,294.00**
10					
11		**102 Series Truck P1A**			
12		**less than 13,000 GVW 4x4**			
13		**Includes 2000 Alt.Fuel Requirements**			
14	049	Pick Up 4 x4	88	9136	20,000.00
15	054	Pick Up 4 x4	88	9136	20,000.00
16	104	Pick Up 4 x4 Upgrade to 1 Ton w/ attachments	85	9430	40,000.00
17	155	Pick Up 4 x4	92	9136	22,000.00
18	157	Pick Up 4 x4	92	9155	20,000.00
19	160	Pick Up --Upgrade to Skid Steer	92	9136	33,000.00
20	161	Pick Up 4 x4	92	9155	20,000.00
21	167	Pick Up 4 x4	93	9155	20,000.00
22					**$195,000.00**
23					
24		**103 Series Truck P2**			
25		**13,000 to 18,000 GVW 4x2**			
26		**Includes 2000 Alt.Fuel Requirements**			
27	088	Step Van (Diezel) 17,120 GVW	89	5140	$46,870.00
28	089	Step Van (Diezel) 17,120 GVW	89	5110	$46,870.00
29					**$93,740.00**
30		**104 Series Truck P2**			
31		**18,000 to 22,999 GVW 4x2**			
32		**Includes 2000 Alt.Fuel Requirements**			
33	097	Dump Truck	84	9420	$48,802.00
34	110	Stake/w Crew Cab 22,000 GVW	88	5140	$46,350.00
35					**$95,152.00**
36					
37		**105 Series Truck P2**			
38		**23,000 to 26,499 GVW 4x2**			
39		**Includes 2000 Alt.Fuel Requirements**			
40	038	Cargo Van 24,000 GVW	85	5702	$57,804.00
					$57,804.00
		106 Series Truck P1A			
		26,500 to 35,499 GVW 4x2			
		Includes 2000 Alt.Fuel Requirements			
1	340	Truck W/Sweeper 29,500 GVW	86	5160	$70,000.00

WO858 - Fleet Equipment Acquisition (contd.)

IN	UNIT #	DESCRIPTION	YEAR	ORG #	RECOMMENDED
2	342	Dump Truck 37000 GVW	88	5110	$105,151.00
3	343	Dump Truck 37000 GVW	88	5160	$105,151.00
4	345	Dump Truck 37000 GVW	88	5120	$105,151.00
5	346	Dump Truck 37000 GVW	88	5120	$105,151.00
6					**$490,604.00**
7					
8		**114 Series Auto P1**			
9		**Includes 2000 Alt.Fuel Requirements**			
10	385	Auto 4Dr.	88	4083	$19,200.00
11	386	Auto 4Dr.	88	4083	$19,200.00
12	387	Auto 4Dr.	88	4083	$19,200.00
13	396	Auto 4Dr.	89	4023	$19,200.00
14	397	Auto 4Dr.	89	4096	$19,200.00
15	399	Auto 4Dr.	89	4038	$19,200.00
16	583	Auto 4Dr.	88	4077	$19,200.00
17	589	Auto 4Dr. (Accident Damage)	93	4501	$19,200.00
18					**$153,600.00**
19					
20		**117 Series Truck Tandem P1A**			
21		**40,000-49999 GVW**			
22	099	Sewer Truck Cleaner/Vac All	87	9430	$70,000.00
23					**$70,000.00**
24		**150 Series Auto P1A**			
25		**Full Sized Squad**			
26	133	Van 15 Pass 9500 GVW	95	4038	$28,957.00
27	135	Sedan 4 Dr.	96	4021	$22,000.00
28	137	Sedan 4 Dr.	96	4021	$22,000.00
29	144	Sedan 4 Dr.	96	4021	$22,000.00
30	145	Sedan 4 Dr.	96	4021	$22,000.00
31	149	Sedan 4 Dr.	96	4021	$22,000.00
32	153	Sedan 4 Dr.	96	4021	$22,000.00
33	155	Sedan 4 Dr.	96	4021	$22,000.00
34	156	Sedan 4 Dr.	96	4021	$22,000.00
35	157	Sedan 4 Dr.	96	4021	$22,000.00
					$226,957.00
1					
2		**151 Passenger Autos P1a**			
3					
4	304	Sedan 4 Dr.	84	5303	$19,200.00
5	308	Sedan 4 Dr.	84	5081	$19,200.00
6	313	Sedan 4 Dr.	84	5301	$19,200.00
7	315	Sedan 4 Dr.	84	5083	$19,200.00
8	318	Sedan 4 Dr.	84	5303	$19,200.00
9	321	Sedan 4 Dr.	84	5303	$19,200.00

IN	UNIT #	DESCRIPTION	YEAR	ORG #	RECOMMENDED
10	329	Sedan 4 Dr.	85	5303	$19,200.00
11	338	Sedan 4 Dr.	86	6701	$19,200.00
12					**$153,600.00**
13					
14		**153 Auto Carryall P2**			
15					
16	036	Suburban	87	5041	$18,247.00
17					**$18,247.00**
18		**155 Jeep P2**			
19	332	4x4 G.M.C. --Attachment Plow	89	9136	$25,900.00
20					**$25,900.00**
21					
22		**170 Motorcycle P1a**			
23	021	Motorcycle	94	4021	$15,000.00
24	025	Motorcycle	94	4021	$15,000.00
25					**$30,000.00**
26					
27		**173 Series Turf Truck P3**			
28					
29	145	Cushman -upgrade/add harvestor	87	9125	$16,000.00
30	146	Cushman-add harvestor/utility unit 4x4	87	9155	$16,000.00
31	153	Cushman-upgrade to skid steel w/attach	89	9136	$35,000.00
32	156	Cushman-sprayer unit & utility 4x4	89	9155	$35,000.00
33	163	Cushman-upgrade w/harvestor	92	9125	$16,000.00
34	164	Cushman-upgrade w/harvestor	92	9125	$16,000.00
35					**$134,000.00**
36					
37					
38		**202 Series Tractor P3**			
39	046	Tractor/Mower 4x4	87	9125	$30,000.00
40					**$30,000.00**
1		**203 Series Tractor P3**			
2		**20 - 30 HP.**			
3	167	Tractor/Mower	83	9155	$47,500.00
4	171	Tractor/Mower	84	9155	$47,500.00
5	266	Tractor/Mower	85	9136	$47,500.00
6	267	Tractor/Mower	85	9136	$47,500.00
7	251	Tractor/Mower-Upgrade to 204 series	79	5160	$38,853.00
8	254	Tractor/Mower-Upgrade to 204 series	80	5140	$38,853.00
9	260	Tractor/Mower-Upgrade to 204 series	81	5140	$38,853.00
10	261	Tractor/Mower-Upgrade to 204 series	84	9420	$38,853.00
11					**$345,412.00**
12					
13					
14					

N	UNIT #	DESCRIPTION	YEAR	ORG #	RECOMMENDED
15		**204 Series Loader P2**			
16		**30 - 40 HP.**			
17	244	Skid Steel/Loader w/grinder attachment	90	5160	$24,256.00
18					**$24,256.00**
19					
20		**205 Series Loader P2**			
21		**40 - 50 HP.**			
22	014	Front End Loader	83	9523	$76,142.00
23					**$76,142.00**
24					
25		**425 Series Spreader P1A**			
26	342	on 106-342	88	5110	$6,500.00
27	343	on 106-343	88	5160	$6,500.00
28	345	on 106-345	88	5120	$6,500.00
29	346	on 106-346	88	5120	$6,500.00
30					**$26,000.00**
31					
32		**450 Catch Basin Cleaner P1a**			
33	340	on 106-340	86	5160	$65,625.00
34	099	on 117-099	87	9430	$65,626.00
35					**$131,251.00**
36					
37		**532 Tandum Roller P2**			
38	019	Tandum Roller	77	9420	$14,021.00
39					**$14,021.00**
1		**633 Series Snowplow P1A**			
2	049	on 102-049	88	9136	$2,200.00
3	054	on 102-054	88	9136	$2,200.00
4	104	on 102-104	85	9430	$2,200.00
5	155	on 102-155	92	9136	$2,200.00
6	157	on 102-157	92	9155	$2,200.00
7	160	on 102-160	92	9136	$2,200.00
8	161	on 102-161	92	9155	$2,200.00
9	167	on 102-167	93	9155	$2,200.00
10					**$17,600.00**
11					
12		**715 Tar Kettle P2**			
13	028	Tar Kettle with conveyor	88	5160	$45,020.00
14					**$45,020.00**
15					
16		**716 Concrete Grinder/Asphalt P2**			
17	244	on 204-244	91	5160	$14,000.00
18					**$14,000.00**
19					

IN	UNIT #	DESCRIPTION	YEAR	ORG #	RECOMMENDED
20		**902 Brush Clipper P2**			
21	009	Brush Clipper	87	9420	$21,350.00
22	011	Brush Clipper	89	9420	$21,350.00
23					**$42,700.00**
24					
25		**927 Aerial Elbow Lift - Attachment Only P2**			
26	562	Aerial Bucket	92	5171	$52,000.00
27					**$52,000.00**
28					
29		**New Equipment**			
30		**Parks**			
31					
32		601-Snow Plow Rotary Attachment			
33	New	Snow Blower-New Attachment	New	9420	$5,000.00
34	New	Snow Blower-New Attachment	New	9420	$5,000.00
35	New	Snow Blower-New Attachment	New	9136	$5,000.00
36					
37	New	Snow Blower-New Attachment	New	9136	$5,000.00
38					**$20,000.00**
39					
40		Replacement and Upgrades of Equipment			$2,681,300.00
41		New Equipment			$20,000.00
42		**Subtotal for Fleet Equipment**			**$2,701,300.00**
1		**EQUIPMENT PURCHASED FOR OTHER**			
2		**DEPARTMENTS**			
3					
4		**AIRPORT (Financed by PFC funds)**			
5					
6	New	Plow - 20 ft.	New	5041	$23,700.00
7	New	Plow - 20 ft.	New	5041	$23,700.00
8	New	Wheel Loader	New	5041	$160,000.00
9					**$207,400.00**
10					
11		**HOUSE OF CORRECTIONS**			
12					
13	New	Passenger Transport Van for 2-15 persons	New	4311	$28,050.00
14	New	Passenger Transport Van for 2-15 persons	New	4311	$28,050.00
15	New	Passenger Transport Van for 3-9 persons	New	4311	$20,800.00
16	New	Passenger Transport Van for 3-9 persons	New	4311	$20,800.00
17	New	Passenger Transport Van for 3-9 persons	New	4311	$20,800.00
18	New	1 Ton Pick Up Truck--4x4	New	4311	$36,000.00
19					**$154,500.00**
20					
21					

WO858 - Fleet Equipment Acquisition (contd.)

IN	UNIT #	DESCRIPTION	YEAR	ORG #	RECOMMENDED
22		**SHERIFF'S DEPARTMENT**			
23	New	Crown Victor For New Expressway	New	4021	$20,800.00
24	New	Crown Victor For New Expressway	New	4021	$20,800.00
25	New	Crown Victor For New Expressway	New	4021	$20,800.00
26	New	Tahoe Truck- for Truck Inspections for Weight	New	4021	$27,100.00
27	New	Tahoe Truck- for Truck Inspections for Weight	New	4021	$27,100.00
28	New	Camero Pursuit Vehicle for Road Rage Program	New	4021	$27,600.00
29					**$144,200.00**
30		**PARAMEDIC VEHICLES**			
31	New	Ambulance	New		$150,000.00
32	New	Ambulance	New		$150,000.00
33	New	Ambulance	New		$150,000.00
34					**$450,000.00**
		SUBTOTAL -FOR OTHER DEPARTMENTS			**$956,100.00**
	GRAND TOTAL OF EQUIPMENT FOR FLEET AND OTHERS				**$3,657,400.00**

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO860	Countywide Handicapped Accessibility Program	

Requesting Department or Agency	Functional Group
Office for Persons with Disabilities	General Government

Department Priority	Person Completing Form	Date
	Tom Van Dalen	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$664,106	$0	$0	$0	$664,106
1999	$100,000	$0	$0	$0	$100,000
2000	$100,000	$0	$0	$0	$100,000
2001	$100,000	$0	$0	$0	$100,000
2002	$100,000	$0	$0	$0	$100,000
2003	$100,000	$0	$0	$0	$100,000
2004	$100,000	$0	$0	$0	$100,000
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$1,864,106	$0	$0	$0	$1,864,106

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$16,000	$13,000	$400,000	$806,835
Construction & Implementation	$84,000	$87,000	$0	$393,165
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$664,106	$0	$0	$664,106
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$10,000	$10,000	$0	$20,000
DPW Charges	$25,597	$6,000	$0	$31,597
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$84,000	$84,000	$0	$168,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$644,509	$0	$400,000	$1,644,509
Total Project Cost	$764,106	$100,000	$400,000	$1,864,106

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$100,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$100,000

Cost Estimates Prepared By	DPW Review By	Project Useful Life (Years)
	Tom Van Dalen	20

Project Fiscal Status

Prior Years Expenditures	$466,023
1998 Expenditures	$180,326
1999 Expenditures	
Total Expenditures to Date	$646,348
Encumbrances	$21,111
Available Balance	$96,647

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	04/2000
Complete Final Plans & Specifications	05/2000
Begin Construction	07/2000
Complete Construction	11/2000
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO860 – Countywide Handicapped Accessibility Program

An appropriation of $100,000 is budgeted to provide for facility accessibility requirements in compliance with the Americans with Disabilities Act (ADA) for all County facilities. The appropriation is budgeted to be financed by general obligation bonds.

The appropriation will be used to complete the highest priority projects established by the Commission on Handicapped and Disabled Persons. Some of these projects include the installation of a wheel chair lift in an existing exhibit at the Milwaukee Public Museum and accessibility improvements to various County facilities.

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." 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 <u>whether they received federal assistance or not</u>. In response to this mandate, Milwaukee County's Office on Persons with Disabilities conducted a County-wide evaluation of programs and services accessibility in 1992. This self-evaluation provided additional data on modifications to be added to the original 1984 County-wide study entitled, "Handicapped Building Accessibility 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.

In addition, annual appropriations of $100,000 are anticipated for 2001-2003. (A separate appropriation of $335,000 is being budgeted in 2001 for the first year of a three-year project to renovate three bathrooms in the Safety Building, which includes handicap accessibility improvements. The multi-year project would consist of complete restoration of 12 restrooms, six male and six female.)

<u>DPW Staffing Plan</u>

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: archaeological surveying; soils/materials/environmental testing assessments; construction surveying; specialized legal counsel through the Corporation Counsel; appraisers/negotiators; title search consultants, etc., as required to complete planning, design and construction.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO861	800 Mhz Trunked Radio Simulcast System	

Requesting Department or Agency	Functional Group
Information Management Services Division	General Government

Department Priority	Person Completing Form	Date
		9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$7,075,000	$0	$0	$275,000	$6,800,000
1999	$1,165,467	$0	$0	$0	$1,165,467
2000	$1,771,600	$0	$0	$0	$1,771,600
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$10,012,067	$0	$137,267	$275,000	$9,599,800

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$100,000	$0	$0	$100,000
Construction & Implementation	$0	$1,771,600	$0	$1,908,667
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$8,140,467	$0	$0	$8,003,400
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$100,000	$0	$0	$100,000
DPW Charges	$1,013	$0	$0	$1,013
Capitalized Interest	$3,400	$0	$0	$3,400
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$1,062,067	$366,538	$0	$1,428,605
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$723,789	$1,405,062	$0	$2,128,851
Other Expenses	$6,350,198	$0	$0	$6,350,198
Total Project Cost	$8,240,467	$1,771,600	$0	$10,012,067

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$1,771,600
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$1,771,600

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	

Project Fiscal Status

Prior Years Expenditures	$6,252,081
1998 Expenditures	$762,181
1999 Expenditures	$74,357
Total Expenditures to Date	$7,088,129
Encumbrances	$2,680,112
Available Balance	($1,528,265)

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

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO861 – 800 MHz Trunked Radio Simulcast System

An appropriation of $1,771,600 is budgeted to continue the development of Milwaukee County's 800 MHz Trunked Radio Simulcast System. This project is budgeted to be financed by general obligation bonds.

During 1993 a major capital improvement project was initiated by Milwaukee County to develop and install an 800 MHz trunked radio simulcast system to replace the County's deteriorating conventional radio system. After incurring multi-year expenditures (totaling $6,281,500), the new 800 MHz system was FCC licensed. In the 1998 budget, $793,500 was appropriated as part of the ongoing capital improvement project for completion and connectivity of the four primary 800 MHz radio sites. During 1999, the County funded $1,028,400 of a $2,900,000 plan to provide enhancements necessary to improve system coverage and reduce dead spots. These enhancements are intended to eliminate reliance on the County's antiquated conventional radio system and encourage municipal police departments to utilize the system.

The County's trunked radio system currently consists of four simulcast sites (Muirdale water tower on the County Grounds, the House of Correction water tower, the FIRSTAR building, and a freestanding tower in Brown Deer Park). These sites incorporate both receivers and transmitters. System expansion plans involve adding three transmit/receive sites (the Channel 58 tower, the Channel 49 tower and a City of Milwaukee water tower located at 88th and Waterford) and two additional receive-only sites (the roof of Lakeshore Tower and a Milwaukee Fire Department tower located at Grandville Road and West Donna Drive).

Broadcasts from these new sites require synchronization with the existing sites which require, among other things, a redistribution of equipment so that each site has a blend of old and new transmitters.

DPW Staffing Plan

Overall project management will be performed by Information Management Services Division (IMSD) staff. The Department of Public Works project manager during construction will be Les Lucas.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO865	Brownfields Redevelopment	

Requesting Department or Agency	Functional Group
Environmental Services/Economic Dev./Other Agencies	General Government

Department Priority	Person Completing Form	Date
		9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$655,391	$0	$0	$0	$655,391
1999	$0	$0	$0	$0	$0
2000	$750,000	$0	$0	$0	$750,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$1,405,391	$0	$0	$0	$1,405,391

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$655,391	$750,000	$0	$1,405,391
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$130,000	$150,000	$0	$280,000
DPW Charges	$0	$0	$0	$0
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$525,391	$600,000	$0	$1,125,391
Total Project Cost	$655,391	$750,000	$0	$1,405,391

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$0
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$750,000
Total Budget Year Financing	$750,000

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO865 – Brownfields Redevelopment

An appropriation of $750,000 is budgeted for the redevelopment of brownfields. This project is to be financed by $750,000 in Potawatomi revenue (see Budget Org. 1937).

The Economic Development Division, in conjunction with Milwaukee County municipalities, will assist with the acquisition and/or remediation and redevelopment of contaminated industrial and commercial sites in Milwaukee County.

The appropriation shall be created as a revolving capital account, which will receive any future revenue the County may receive from the sale of land that has been remediated. The fund shall be self-sustaining to the maximum extent possible through proceeds from the sale of remediated properties, grants from governmental agencies, reimbursement from the State of Wisconsin's Petroleum Environmental Cleanup Fund Act (PECFA), and other available funding sources. This account may be used for the local match for individual projects that have been approved by the County Board, which may receive a State grant from the State Brownfields Redevelopment program enacted in the 1997-1999 State Budget.

The purpose of this account is to foster economic development by returning tax delinquent properties to the tax rolls and by deferring tax payment delinquency on other properties with possible environmental contamination. In addition, the program will promote public health and safety by cleaning up properties with a high risk of catastrophe or with proximity to residential and/or commercial areas, high capacity groundwater wells and/or surface water.

DPW Staffing Plan

Environmental Services will provide technical services in support of this project including, but not limited to, phase one and phase two investigations, remediation estimates, Department of Natural Resources consultations, and follow-up inspections. The Economic Development Division will make available $150,000 for these efforts. Smaller projects will be accomplished by staff whereas larger ones will entail the use of consultants solicited via Request For Proposals (RFP) procedures.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO867	Research Park Improvements	

Requesting Department or Agency	Functional Group
Research Park	General Government

Department Priority	Person Completing Form	Date
		9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$328,587	$0	$0	$0	$328,587
1999	$75,000	$0	$0	$0	$75,000
2000	$495,200	$0	$0	$0	$495,200
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$603,587	$0	$0	$0	$603,587

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$1,450	$0	$0	$1,450
Construction & Implementation	$0	$495,200	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$402,137	$0	$0	$602,137
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$4,500	$0	$0	$4,500
DPW Charges	$17,051	$0	$0	$17,051
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$495,200	$0	$495,200
Land / Land Improvements	$3,120	$0	$0	$3,120
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$75,000	$0	$0	$75,000
Other Expenses	$303,916	$0	$0	$8,716
Total Project Cost	$403,587	$495,200	$0	$603,587

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$295,200
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$200,000
Total Budget Year Financing	$495,200

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	

Project Fiscal Status

Prior Years Expenditures	$437,466
1998 Expenditures	$26,121
1999 Expenditures	$5,152
Total Expenditures to Date	$468,740
Encumbrances	$1,997
Available Balance	$215,691

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

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO867 – Research Park Improvements

An appropriation of $495,200 is budgeted in 2000 for a series of building infrastructure improvements at the Muirdale Building, which is presently leased to the Research Park Corporation. This appropriation is to be financed by $295,200 in general obligation bonds and $200,000 in Potawatomi revenue (see Budget Org. 1937).

The appropriation covers the following items:

1. Drain Tile Replacement: $125,000

   This involves the replacement of drain tile on the south side of the building to stop basement water leakage. This will prevent deterioration of basement walls and allow the space to be leased out.

2. Replace North Entry and Exterior Doors: $84,000

   This involves the replacement of the north entrance as well as all exterior entry doors, frames and hardware to the ground and first floors. A total of 14 single and six double doors, all extremely deteriorated, will be replaced.

3. Elevator Replacement: $168,000

   This appropriation is budgeted to plan for the replacement of the second elevator. The replacement of the other elevator was included in the 1999 budget.

4. Expand Parking: $61,200

   This project involves the installation of curb cut at the south entrance, addition of another row for parking to the lot on the north side of the building (11 stalls), and asphalting of the receiving area.

5. Tuckpointing: $57,000

   This appropriation would allow for the tuckpointing of only the most severely deteriorated sections of the building.

Potential outyear projects include tuckpointing, window replacement, upgrading of electrical, fire alarm and telephone systems, installation of an emergency generator, plumbing upgrades and central air conditioning. The appropriateness, timing and financing of these improvements require further review and clarification by the Department of Public Works, the Department of Administration and the Research Park.

DPW Staffing Plan

The Department of Public Works Architectural and Engineering Division will act as the project manager. Facilities Management will provide owner services. Consultants will be used to provide bid documents.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO870	County Special Assessments	

Requesting Department or Agency	Functional Group
Department of Public Works	General Government

Department Priority	Person Completing Form	Date
	Robert F. Doren	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$2,831,653	$0	$0	$0	$2,831,653
1999	$250,000	$0	$0	$0	$250,000
2000	$350,000	$0	$0	$0	$350,000
2001	$350,000	$0	$0	$100,000	$250,000
2002	$350,000	$0	$0	$100,000	$250,000
2003	$350,000	$0	$0	$100,000	$250,000
2004	$250,000	$0	$0	$250,000	$0
SUBSEQUENT	$250,000	$0	$0	$250,000	$0
TOTAL	$4,981,653	$0	$0	$800,000	$4,181,653

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$5,000	$350,000	$1,550,000	$1,905,000
Construction & Implementation	$245,000	$0	$0	$245,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$2,831,653	$0	$0	$2,831,653
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$0	$0	$0
DPW Charges	$8,691	$5,000	$0	$13,691
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$245,000	$345,000	$0	$590,000
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$2,827,962	$0	$1,550,000	$4,377,962
Total Project Cost	$3,081,653	$350,000	$1,550,000	$4,981,653

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$269,198
Property Tax Revenue	$80,802
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$0
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$350,000

Cost Estimates Prepared By	Robert F. Doren	DPW Review By	Stephen Kamuiru

Project Useful Life (Years)	25

Project Fiscal Status

Prior Years Expenditures	$2,540,812
1998 Expenditures	$289,340
1999 Expenditures	$49,223
Total Expenditures to Date	$2,879,375
Encumbrances	$1,500
Available Balance	$200,778

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

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO870 – County Special Assessments

An appropriation of $350,000 is budgeted for year 2000 to pay special assessments levied on the County by local municipalities. The County share is $350,000 to be financed by sales tax revenues of $269,198 and property tax revenue of $80,802.

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.

DPW Staffing Plan

Overall Department of Public Works staff will perform project management. The DPW Project Manager will be Robert F. Doren.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO871	Marcus Center River Water Intake	

Requesting Department or Agency	Functional Group
Marcus Center for the Performing Arts	General Government

Department Priority	Person Completing Form	Date
	Ivars Zusevics	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$1,050,000	$0	$0	$0	$1,050,000
1999	$0	$0	$0	$0	$0
2000	$150,000	$0	$0	$0	$150,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$1,200,000	$0	$0	$0	$1,200,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$200,000	$30,000	$0	$230,000
Construction & Implementation	$850,000	$120,000	$0	$970,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$115,000	$20,000	$0	$135,000
Professional Services	$0	$0	$0	$0
DPW Charges	$85,000	$10,000	$0	$95,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$120,000	$0	$120,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$850,000	$0	$0	$850,000
Other Expenses	$0	$0	$0	$0
Total Project Cost	$1,050,000	$150,000	$0	$1,200,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$150,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$150,000

Cost Estimates Prepared By	Arnold and O'Sheridan	DPW Review By	Ivars Zusevics

Project Useful Life (Years)	

Project Fiscal Status

Prior Years Expenditures	$0
1998 Expenditures	$191,404
1999 Expenditures	$609,727
Total Expenditures to Date	$801,132
Encumbrances	$64,623
Available Balance	($24,225)

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	

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO871 – Marcus Center River Water Intake

An appropriation of $150,000 is budgeted for the revision of the river water intake serving the new chillers at the Marcus Center. The chillers supply air conditioning for the facility.

Two new 450 ton McQuay chillers were installed at the Marcus Center during the winter of 1998/1999. These chillers replaced the original chillers installed during building construction about 30 years ago. The new chillers are substantially more efficient than the old ones; however, to fully take advantage of their potential, the river water supplying the new chillers must be colder than the river water required for the original chillers. This requires lowering the river water intake.

The new McQuay chillers were purchased by Milwaukee County based on a formula involving initial cost and life cycle cost. Compared to the other bids, these chillers were not only the most cost efficient on a life-cycle basis, but also on initial cost. Lowering the river intake was not included in the chiller replacement project scope because it was previously not known which chillers would be purchased.

The estimated construction cost plus related contingency is $120,000. Soft costs, including design, project management, and construction management, are estimated at $30,000 for a total cost of $150,000.

As part of the multi-year capital plan, $275,000 is anticipated to be budgeted in 2002 for an electrical upgrade and $600,000 is projected in 2003 for an air handling upgrade at the Marcus Center.

DPW Staffing Plan

DPW staff will perform project and construction management. Arnold & O'Sheridan, consulting engineers on the first phase of the chiller replacement project, will be approached to undertake the design of the river water intake project. This firm has intimate knowledge with the original chiller project and the river water intake requirements for the newly installed chillers.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO872	War Memorial Facilities Improvements	

Requesting Department or Agency	Functional Group
War Memorial Corporation	General Government

Department Priority	Person Completing Form	Date
	David Drent	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$3,363,000	$0	$0	$0	$3,363,000
1999	$2,750,000	$0	$0	$0	$2,750,000
2000	$837,346	$0	$0	$0	$837,346
2001	$500,000	$0	$0	$0	$500,000
2002	$500,000	$0	$0	$0	$500,000
2003	$500,000	$0	$0	$0	$500,000
2004	$500,000	$0	$0	$0	$500,000
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$8,950,346	$0	$0	$0	$8,950,346

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$72,000	$100,000	$0	$172,000
Construction & Implementation	$898,000	$737,346	$2,000,000	$3,635,346
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$5,143,000	$0	$0	$5,143,000
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$50,000	$0	$50,000
Professional Services	$96,533	$0	$0	$96,533
DPW Charges	$98,789	$50,000	$0	$148,789
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$2,595,000	$737,346	$2,000,000	$5,332,346
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$3,322,678	$0	$0	$3,322,678
Total Project Cost	$6,113,000	$837,346	$2,000,000	$8,950,346

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$337,346
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$337,346

Cost Estimates Prepared By	DPW Review By	Ivars Zusevics

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	$2,905,968
1998 Expenditures	$214,184
1999 Expenditures	$20,979
Total Expenditures to Date	$3,141,131
Encumbrances	$87,416
Available Balance	$2,884,453

Project Annual Operating Costs

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

Project Schedule

Complete Site Acquisition	NA
Complete Preliminary Plans	03/2000
Complete Final Plans & Specifications	04/2000
Begin Construction	07/2000
Complete Construction	10/2000
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO872 – War Memorial Complex Facilities Improvements

An appropriation of $837,346 is budgeted for improvements to the War Memorial and Villa Terrace Decorative Arts Museum. This appropriation will be financed by general obligation bonds.

WO87201: War Memorial Improvements – An appropriation of $337,346 is budgeted to replace the windows in the third and fourth floor offices and meeting rooms at the War Memorial. These windows and frames are not energy efficient and leak during heavy rainstorms. In addition, the operable windows can be opened by the wind. The appropriation would allow the War Memorial to replace the old windows and metal frames with new frames and insulated panels. As a result, the number of operable windows would be reduced by 50 percent in order to reduce both energy and operational costs.

The War Memorial plans to proceed with the window replacement in November 1999 prior to beginning its major renovation project. Because the rooms will be completely emptied before the construction begins, the War Memorial indicates it would be the most logical time to remove the old windows and create the new window walls.

In order to implement this timetable, the War Memorial will use private funds for the window replacement in 1999. The War Memorial has requested that Milwaukee County reimburse the War Memorial for the actual cost of the project in either the 2000 or 2001 budget cycle.

DPW Staffing Plan
No Department of Public Works staffing plan is required.

WO87202: Building Rehabilitation of Villa Terrace Decorative Arts Museum – An appropriation of $500,000 is budgeted for various improvements to the Villa Terrace Decorative Arts Museum as described in the Memo of Understanding (MOU) executed with Milwaukee County.

The 1999 Capital Improvements Budget includes $500,000 for structural rehabilitation of the building. The construction is to begin with this approved funding in September of 1999.

Villa Terrace Decorative Arts Museum is a non-profit public art museum operated in partnership with the Charles Allis Art Museum and under the auspices of the Milwaukee County War Memorial Corporation. This landmark building is on the National Register of Historic Places and is recognized as a building of architectural significance. Nationally recognized architect David Alder designed Villa Terrace. In 2001, the Art Institute of Chicago will present a major exhibition of David Alder's work. The catalog will feature an article on Villa Terrace.

The MOU outlines the allocation of the remaining building rehabilitation dollars - $500,000 in 2000 and $500,000 in 2001. Milwaukee County's total contribution of $1,500,000 will be matched by $1,500,000 from the private sector fundraising for the Garden Renaissance Project. Initiated by the Friends of Villa Terrace, the Garden Renaissance Project's goal is to create a reproduction of a 16th century landscape design. The projected completion date is 2001.

In addition, a recently-completed Five-Year Business Plan for the combined Charles Allis/Villa Terrace operation identifies disabled access, restrooms, elevator, and renovated space for expanded galleries as critical components for Villa Terrace's successful future operation in conjunction with the restored gardens. It is anticipated that these building improvements will be achieved through a combination of Community Development Block Grant (CDBG) funds, additional public support and private fundraising.

As part of its requested appropriation, the Villa Terrace plans to earmark $50,000 to develop a comprehensive Architectural Master Plan for Villa Terrace.

The 2000 Budget rehabilitation needs are prioritized to:

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO872 – War Memorial Complex Facilities Improvements (contd.)

1) Develop a comprehensive Architectural Master Plan for the Villa Terrace building reflecting the future vision of the museum operation.

2) Address structural building repairs to provide for public safety.

3) Focus on those repairs which will hold off further deterioration of the property and upgrade building systems.

4) Address aesthetic quality of the property by replacing deteriorated highly visible garden walls.

The following is a more detailed list of improvements that are proposed for 2000 at the Villa Terrace:

Replace and whitewash front garden wall	$109,000
Pave north drive and reset catch basin	24,000
Window/door repair, replacement	73,000
North East concrete stair wall/East masonry wall	50,000
Interior work- electrical/ plumbing	99,000
	$355,000

The request will be broken down as follows:

Construction costs	$355,000
DPW Charges, @ 20% of construction costs	70,000
7% contingency for unknown items	25,000
Villa Terrace Architectural Master Plan	50,000
TOTAL FUNDS NEEDED	**$500,000**

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.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO873	ABACUS/Year 2000 Transition	

Requesting Department or Agency	Functional Group
Department of Administration	General Government

Department Priority	Person Completing Form	Date
	Elizabeth Thundercloud	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$12,292,999	$0	$0	$0	$12,292,999
1999	$15,770,214	$0	$0	$0	$15,770,214
2000	$4,598,442	$0	$0	$0	$4,598,442
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$32,661,655	$0	$0	$0	$32,661,655

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$1,274,420	$3,998,442	$0	$6,278,548
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$26,788,793	$600,000	$0	$26,383,107
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$1,568,420	$0	$0	$1,568,420
Professional Services	$4,338,350	$323,000	$0	$4,661,350
DPW Charges	$11,500	$0	$0	$11,500
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$1,107,000	$0	$0	$1,107,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Ping & Construction	$0	$0	$0	$0
Equipment & Furnishings	$8,182,988	$800,000	$0	$8,982,988
Other Expenses	$12,854,955	$3,475,442	$0	$16,330,397
Total Project Cost	$28,063,213	$4,598,442	$0	$32,661,655

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$159,857
Miscellaneous Revenue	$499,340
G.O. Bonds and Notes	$3,939,245
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$4,598,442

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$1,100,686
1998 Expenditures	$7,759,066
1999 Expenditures	$5,621,350
Total Expenditures to Date	$14,481,102
Encumbrances	$3,316,074
Available Balance	$10,266,037

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	05/1997
Complete Final Plans & Specifications	07/1998
Begin Construction	07/1997
Complete Construction	12/2002
Scheduled Project Closeout	12/2002

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO873 – ABACUS/Year 2000 Transition

An appropriation of $4,598,442 is budgeted for the continuation of the Year 2000 compliance program. The project is to be financed by $159,857 in property tax levy, $499,340 in power plant revenues, and $3,939,245 in general obligation bonds.

Because some computer programs will treat 1/1/00 as January 1, 1900 instead of 2000, Milwaukee County has undertaken a project to identify and remediate systems and equipment with date-sensitive programs or embedded chips.

As of September 1, 1999, the Information Management Services Division (IMSD) completed the inventory and assessment of radio, enterprise server and wide area network (WAN) infrastructure hardware and software. Repair and replacement of those components is 78 percent complete except for certain network applications. In addition, 2,307 new Year 2000 compliant workstations and 14 replacement file servers have been installed. The upgrades of the payroll and personnel system and the replacement of the budgeting and financial management system are complete, except for the bidding, fixed asset, accounts receivable, and inventory modules. Conversion and testing of mainframe applications are substantially complete.

The following Year 2000 tasks remain to be completed in 2000:

WO87301 – Enterprise Server and Large Applications $1,963,368

$202,400 Interface of the Criminal Justice Information System (CJIS) to the Circuit Court Automation Project (CCAP). This interface transports data entered and updated in CJIS but needed and used by CCAP and vice versa. It will require an upgrade in 2000 to maintain parity with hardware and software changes to be made by CCAP during 1999. Without the interface of data between these systems, each department would be required to input the same data into their system, leading to data integrity problems.

$650,000 Posse, Stars and Collars. These 25-year-old Sheriff's systems are identified for replacement in 2000 because they barely continue to function in the Year 2000 compliant network and mainframe environment. The terminal and printer IDs are hard-coded in the programs, complicating the work needed to add or change a terminal. Programs do not function in the new network and PC environment as they did in the old mainframe and dumb terminal environment complicating problem resolution. Annual changes are required in the reports to accommodate updated State requirements and changes are extremely difficult because the programs are written in "RPG" which is no longer supported. The systems are not user friendly and do not interface with the booking, dispatch or fingerprinting systems.

$389,600 Replacement of District Attorney functions previously in JUSTIS. "JUSTIS," the former criminal justice system used by the District Attorney, Sheriff and Courts, will not function in 2000. Sheriff's functions and the District Attorney's charging and subpoena functions are in CJIS, and the Courts' functions are in CCAP. The first interface between CJIS and CCAP had frequent maintenance problems. This was temporarily replaced with an Intranet solution that CCAP will not support beyond June 30, 2000. A complete interface must be designed, programmed and implemented so that the District Attorney will have access to complete criminal histories of offenders, including data on declined or "no process" cases. Proper prosecutorial decisions, especially regarding charging, bail and sentencing, cannot be made with incomplete criminal history information. Accurate and complete criminal records are needed to enforce statutory provisions increasing penalties for repeat offenders, persons with prior records who possess firearms and drug offenders with prior drug involvement.

$300,000 Funds are budgeted to acquire a software package to track changes to and versions of applications and operating systems on the mainframe and on local area networks. This technology is required to manage and preserve the investment the County is making in upgrading the overall data processing infrastructure.

WO873 – ABACUS/Year 2000 Transition (contd.)

$421,368 Funds are provided for IMSD staff who will manage and participate in the above projects.

WO87302 – Technical Infrastructure $1,773,683

$ 42,000 Hardware is budgeted for the new POSSE, STARS and COLLARS systems.

$ 40,000 Five file servers are budgeted to accomplish the CJIS-CCAP interface upgrade and new Sheriff applications.

$500,000 Additional equipment and spare parts are funded for 1/1/2000 preparedness and for the contingency that the DPW and Housing Divisions move to locations not currently connected to the County Wide Area Network (WAN). Such a move would require additional T1 data lines, routers and gateways to provide connectivity with their departments. This funding would provide 100 PCs, four T1s, two standard file servers, one enhanced file server, five hubs, two routers, 50 printers, and one processor for load balancing.

$ 18,000 Three high-speed T1 data lines will be installed to improve the CJIS – CCAP interface.

$100,000 Additional Novell, Lotus Notes, security firewall, and Help Desk software is required.

$244,800 Funds are budgeted to provide technical training and consulting services in the AMS and BTI products and the Oracle database.

$828,883 Funds are provided for the IMSD staff who will manage and participate in the installation of the technical infrastructure.

WO87303 Genesys $238,390

$166,400 Funding is provided for contractual services to support labor contract negotiations in 2000 and to rewrite the Time and Attendance System. The Director of Labor Relations has indicated that since negotiations will begin shortly and may result in changes in wages, hours, and conditions of employment, impacted departments like IMSD should plan and budget for contract changes. IMSD needs to be prepared to change the personnel and payroll system to implement any changes negotiated. One full-time contractor at $80 an hour is budgeted in 2000 for this purpose. The existing Time and Attendance system is convoluted and patched and some functions do not work correctly, requiring payroll clerks to develop manual workaround strategies, which can lead to potential errors. One full-time contractor at $80 an hour is budgeted in 2000 to analyze requirements and develop and implement a new system.

$ 71,990 Funding is provided for IMSD staff time to manage these projects.

WO87304 ABACUS $100,000

$100,000 Funding is provided for system planning and implementation of anticipated upcoming AMS software releases. It is projected that this appropriation will be comprised of $80,000 consultant costs and $20,000 in-house staff charged to the project.

WO87306 Fleet Maintenance Fuel Dispensing Controls $200,000

The software for the fuel dispensing system is not Year 2000 compliant and requires replacement. Although the software has been temporarily modified to maintain operations, the system will lose its historical inventory reporting

WO873 – FIRMS Replacement/Year 2000 Transition (contd.)

capabilities after January 1, 2000. Capital project WO011, Fleet Maintenance Automated Fuel Dispensing System, covers the replacement of the system hardware and installation wiring.

WO87307 DPW Year 2000, Facilities – Embedded Chips $323,000

Funds are budgeted to continue the replacement of non-compliant building systems that are low priority (non-critical) and building systems that are scheduled to fail in years 2002 and 2003. According to the Department of Public Works, consultant costs charged to the 1999 Capital Improvements Budget exceed the $876,000 appropriated for this purpose. An additional appropriation of $323,000, therefore, is budgeted to avoid either a shortfall or deferral of other project elements to fund these consultant costs.

Consultant Fees

T3 Technology, Inc.	$165,000.00
ISN, corp.	$158,000.00
Total:	$323,000.00

The Fleet Maintenance (Fuel System Controls) is budgeted in a separate project – WO01101 – DPW Fleet Maintenance Automated Fuel Dispensing.

The following financing is budgeted in 2000:

Project Number	Project Name	2000 County Executive Recommended	Property Tax Revenue	Misc. Revenue	Bonds
WO87301	Year 2000 Compliance	$1,963,368	$69,875	$0	$1,893,493
WO87302	Technical Infrastructure	$1,773,683	$0	$429,903	$1,343,780
WO87303	Implement HR/Payroll	$238,390	$9,232	$69,437	$159,722
WO87304	Implement Financial Syst. Solutions	$0	$0	$0	$0
WO87305	AMS Software Upgrade	$100,000			$100,000
WO87306	DPW Fleet Maintenance Fuel System	$200,000	$0	$0	$200,000
WO87307	DPW Embedded Chips	$323,000	$80,750	$0	$242,250
	Total:	**$4,598,442**	**$159,857**	**$499,340**	**$3,939,245**

DPW Staffing Plan

IMSD will be the project manager for all subprojects with the exception of WO87306 – DPW Fleet Maintenance and WO87307 – DPW Embedded Chips. For WO87306 and WO8730, overall project management will be performed by DPW staff. The DPW project manager will be Mike Zylka. Specialized consultants may be used for some components of the planning and design.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO878	Sheriff's Training Academy	

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

Department Priority	Person Completing Form	Date
	George Brotz	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$600,000	$0	$0	$0	$600,000
2001	$2,800,000	$0	$0	$0	$2,800,000
2002	$2,600,000	$0	$0	$0	$2,600,000
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$6,000,000	$0	$0	$0	$6,000,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$600,000	$400,000	$1,000,000
Construction & Implementation	$0	$0	$5,000,000	$5,000,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$600,000	$400,000	$1,000,000
DPW Charges	$0	$0	$0	$0
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$5,000,000	$5,000,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$600,000	$5,400,000	$6,000,000

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$600,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$600,000

Cost Estimates Prepared By	DPW	DPW Review By	Ivars Zusevics

Project Useful Life (Years)	

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	05/2000
Complete Final Plans & Specifications	09/2000
Begin Construction	04/2001
Complete Construction	12/31/2001
Scheduled Project Closeout	04/01/2002

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO878 – Sheriff's Training Academy

An appropriation of $600,000 is budgeted 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 phase one design costs will be financed by general obligation bonds.

Phase two construction and planning are estimated to cost $5,400,000. Anticipated budget requests to finance this phase include $2,800,000 in 2001 and $2,600,000 in 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 a proper learning atmosphere for all who use it and will be designed for training officers in all aspects of the law enforcement profession, including in-service, recruit, basic jailor, and ongoing 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.

FISCAL CONSIDERATIONS:

Construction of the Training Academy will reduce reliance on, and rental of, other facilities and increase potential revenue sources. The following is a breakdown of some of these potential revenues:

Instructor Classes

Defense and Arrest Tactics	$500.00 per student x 15 students	$7,500.00
Principles of Subject Control	$500.00 per student x 15 students	7,500.00
Emergency Vehicle Operation	$250.00 per student x 15 students	3,750.00
Firearms	$250.00 per student x 15 students	3,750.00
Vehicle Contacts	$150.00 per student x 15 students	2,250.00
H&K MP-5	$400.00 per student x 10 students	4,000.00
Sniper Training	$400.00 per student x 10 students	4,000.00

Instructor Certification Classes

Defense and Arrest Tactics	$25.00 per student x 20 students	500.00
Emergency Vehicle Operation	$25.00 per student x 20 students	500.00
Vehicle contacts	$25.00 per student x 20 students	500.00
Firearms	$25.00 per student x 20 students	500.00

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO878 – Sheriff's Training Academy (contd.)

Sub Total - Class Revenues		$34,750.00

Classes currently taught by the Training School:

Recruit Class	$1,496.00 per student x 50 students	$74,800.00
Jailor Class	$ 420.00 per student x 200 students	84,000.00
Department In-service	$ 160.00 per student x 620 students	99,200.00
HOC In-service	$ 160.00 per student x 150 students	24,000.00
Sub Total		$282,000.00

Rentals paid at various facilities, which would be eliminated with a new academy and which could be used to reduce tax levy and/or maintenance costs for the new academy:

Building/Space rental at Kosciuszko Park	$61,430.00
Range rental at MATC (projected 2000 budget)	29,415.00
Graduation Rental at Zoo (includes hall, refreshments, and stage)	3,100.00
Sub Total	$93,945.00

Totals:

Instructor Classes	$34,750.00
Current Training	282,000.00
Current Rental Outlay	93,945.00
Total	$410,695.00

Maintenance Expenditures

Structural design of the Training Academy will incorporate several built-in maintenance savings, and expenditures could be reduced by using House of Correction inmate labor to provide clean up and laundry services. Maintenance costs are broken down as follows:

Range maintenance (cleaning/replacing filters)	$25,000.00
Utilities (heat, electric, telephone, sewer, and water)	25,000.00
Miscellaneous (repairs, cleaning supplies, bathroom supplies, etc.)	15,000.00
Total Maintenance Expenditures:	$65,000.00

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.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO881	War Memorial - Sea Wall Replacement	

Requesting Department or Agency	Functional Group
War Memorial Corporation	General Government

Department Priority	Person Completing Form	Date
	Karl Stave	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$1,200,000	$0	$0	$0	$1,200,000
1999	$550,000	$0	$400,000	$150,000	$0
2000	$2,000,000	$0	$1,200,000	$25,000	$775,000
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$3,750,000	$0	$1,600,000	$175,000	$1,975,000

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$807,170	$2,000,000	$0	$2,807,170
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$942,830	$0	$0	$942,830
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$0	$20,000	$0	$20,000
DPW Charges	$132,000	$100,000	$0	$232,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$0	$0	$0
Land / Land Improvements	$512,000	$1,880,000	$0	$2,392,000
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$1,106,000	$0	$0	$1,106,000
Total Project Cost	$1,750,000	$2,000,000	$0	$3,750,000

Budget Year Financing

Federal, State and Local Aids	$1,225,000
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$775,000
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$2,000,000

Cost Estimates Prepared By	JJR	DPW Review By	William Heinemann

Project Useful Life (Years)	50

Project Fiscal Status

Prior Years Expenditures	$0
1998 Expenditures	$257,171
1999 Expenditures	$161,063
Total Expenditures to Date	$418,234
Encumbrances	$1,223,432
Available Balance	$3,008,334

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	03/1999
Complete Final Plans & Specifications	04/1999
Begin Construction	08/1999
Complete Construction	08/2000
Scheduled Project Closeout	12/2000

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO881 – War Memorial – Sea Wall Replacement

An appropriation of $2,000,000 is budgeted for the phase two construction of a sea wall and walkway behind the War Memorial. This project will be financed by $1,200,000 in Federal revenue, $775,000 in County general obligation bonds and $25,000 in revenue from the Art Museum.

The purpose of the sea wall is to protect the Milwaukee Art Museum and its new addition from high waves. Because of the special nature of the addition, DPW is recommending the replacement of the sea wall prior to the completion of the addition. The existing shoreline protection was constructed in the 1930s and consists of a concrete parapet and sea wall extending below the waterline. There is severe deterioration and erosion of concrete at the waterline. It is anticipated that the wall would need major rehabilitation work or replacement within the next five to ten years if this project were not undertaken.

The entire area in need of flood protection extends from the Municipal Pier on the south to Veterans Park. This approximately 1,800-foot stretch of land is being divided into three phases.

The phase one scope of work, undertaken in 1999, includes the off-shore breakwater, revetment, and the installation of piling intended to support the walkway. The area in phase one is approximately 400 feet. Phase one should be completed by November 1999.

The financing of phase one included appropriations from both the 1998 and 1999 budget years. The 1998 Adopted Capital Improvements Budget included $1,200,000 and the 1999 Adopted Capital Improvements Budget included $550,000 for a combined appropriation of $1,750,000. This appropriation was financed by $1,200,000 in County bonds, $400,000 from the State, $50,000 from the Art Museum, and $100,000 from the City of Milwaukee.

The phase two scope of work for 2000 includes the remainder of the piling, revetment work, and installation of a walkway. These improvements are to occur from Veterans Park to the Art Museum. This area is approximately 900 to 1,000 feet and is expected to be complete at the end of 2000.

The walkway/bikeway portion of the project is to be financed by $1,200,000 in Federal revenue and $300,000 in local revenue, an 80 percent/20 percent reimbursement rate. This local share would be financed by a County contribution of $275,000 in general obligation bonds. The remaining $25,000 will be financed by revenue from the Art Museum.

The makeup of the $300,000 local share was determined by the remaining work to be undertaken in phase two solely on the walkway/bikeway portion. Because the majority of this area is County-owned land, the County contribution of $275,000 amounts to over 90 percent of the $300,000 cost. However, there is a small portion that is City-owned land that would need to be financed by the $25,000 Art Museum contribution.

The remainder of the piling and stone revetment work, at a cost of $500,000, would be financed completely by the County with general obligation bonds.

The 2000 financing of phase two is as follows:

Construction Element	Cost	Federal Share	County Share	Other Private/Local
Stone revetment & piling	$500,000	$0	$500,000	$0
Walkway/bikeway	$1,500,000	$1,200,000	$275,000	$25,000
Total:	$2,000,000	$1,200,000	$775,000	$25,000

WO881 – War Memorial Sea Wall (contd.)

A third phase of the project would complete the remaining sea wall/walkway improvements on City lands south to the Municipal Pier. The remaining construction on City lands is estimated at $600,000. At this time, the County does not plan on undertaking this phase of the project and funds are not budgeted for this purpose.

DPW Staffing Plan

The Department of Public Works project manager will be Karl Stave as design manager and Pete Afsari as construction manager. Basic planning, design and preparation of bidding documents will be performed by Johnson, Johnson, Roy, Inc., a consultant. The construction management duties such as programming, value engineering, contract administration and inspection will be performed by DPW staff with assistance from a consultant for quality assurance of quarried stone.

This Page Left Intentionally Blank.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO882	Fleet Central Garage Roof	

Requesting Department or Agency	Functional Group
DPW Fleet Maintenance	General Government

Department Priority	Person Completing Form	Date
	Darryl D. Marcoux	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$598,500	$0	$0	$0	$598,500
1999	$628,600	$0	$0	$0	$628,600
2000	$440,600	$0	$0	$0	$440,600
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$2,108,300	$0	$0	$0	$2,108,300

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$101,000	$80,600	$0	$777,600
Construction & Implementation	$507,000	$360,000	$0	$711,600
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$619,100	$0	$0	$619,100
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$0	$0	$0
Professional Services	$60,240	$0	$0	$60,240
DPW Charges	$81,200	$80,600	$0	$161,800
Capitalized Interest	$20,600	$0	$0	$20,600
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$507,000	$360,000	$0	$867,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$558,060	$0	$0	$998,660
Total Project Cost	$1,227,100	$440,600	$0	$2,108,300

Budget Year Financing

Federal, State and Local Aids	$0
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$440,600
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$440,600

Cost Estimates Prepared By	DPW Review By

Project Useful Life (Years)	20

Project Fiscal Status

Prior Years Expenditures	$0
1998 Expenditures	$353,739
1999 Expenditures	$446,630
Total Expenditures to Date	$800,369
Encumbrances	$329,116
Available Balance	$97,615

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	06/1998
Complete Final Plans & Specifications	08/1998
Begin Construction	08/1998
Complete Construction	10/2001
Scheduled Project Closeout	12/2001

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO882 – Fleet Central Garage Roof

An appropriation of $455,500 is budgeted to complete the roof replacement at the Fleet Maintenance Main Shop garage. The project will be financed by general obligation bonds of $447,200 and investment earnings of $8,300.

Consultants, engineers and plumbing designers, examined the roof in 1992. They found that the sub-layers of the roof could not be easily examined to determine existing conditions. The original construction was a "dead level", zero slope roof. The roof drains originally installed were few in number and with a "restricted flow" feature that drains rainwater very slowly.

Since that time, research and experience has shown that a positive roof slope of asphalt build-up is needed with additional drains for a satisfactory roof life.

This lack of positive slope and roof deck deflection below drain levels cause 2 1/2-inch deep water and/or ice build up in certain areas for several days after a storm. This has aged the roof membrane, causing massive leaks and unsafe roof conditions. The weight of snow on the roof during winter also deteriorates sections of the roof, making them candidates for collapse.

In addition to normal re-roofing, improvements include creation of positive roof slope by the addition of sloped rigid per lite insulation and additional restricted flow drains. With a sloped roof surface and additional drains, the roof will be dry within 20 - 22 hours after the heaviest rainstorm.

Since 1991 there have been fifteen instances of leakage damage. Sub surface damage which is not easily seen, may also be recurring. The cost of this may show up later, when the roof is replaced, at which time damage may be assessed.

DPW Staffing Plan

DPW staff will be used for overall project management. Specialized consultants may continue to be used for some components of basic planning, design, and construction management as needed. Specialized consultants may be retained as needed for archaeological surveying, soils/materials/environmental testing and assessments; construction surveying; specialized legal counsel through the Corporation Counsel; appraisers/negotiators; title search consultants, etc. as required to complete additional planning, design and construction for the remainder of the roof replacement project.

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

Division No.	Project Title and Location	FORM 4789-1999
WO886	CMC (Amtrak) Train Depot	

Requesting Department or Agency	Functional Group
DPW - Other Agencies	General Government

Department Priority	Person Completing Form	Date
	B.C. Eruchalu	9-30-99

Capital Project Cost and Reimbursement Revenue By Year

YEAR	CAPITAL REQUEST	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
PRIOR	$0	$0	$0	$0	$0
1999	$0	$0	$0	$0	$0
2000	$4,000,000	$2,000,000	$2,000,000	$0	$0
2001	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0
2003	$0	$0	$0	$0	$0
2004	$0	$0	$0	$0	$0
SUBSEQUENT	$0	$0	$0	$0	$0
TOTAL	$4,000,000	$2,000,000	$2,000,000	$0	$0

Project Cost Breakdown

PROJECT BY PHASE	PRIOR YEARS PROJECT COST	2000 PROJECT COST	5 YEAR PLAN	TOTAL PROJECT COST
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$4,000,000	$0	$4,000,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
Unassigned	$0	$0	$0	$0
PROJECT EXPENDITURES	**PRIOR YEARS PROJECT COST**	**2000 PROJECT COST**	**5 YEAR PLAN**	**TOTAL PROJECT COST**
Consultant Fees	$0	$80,000	$0	$80,000
Professional Services	$0	$40,000	$0	$40,000
DPW Charges	$0	$80,000	$0	$80,000
Capitalized Interest	$0	$0	$0	$0
Park Services	$0	$0	$0	$0
Disadv. Business Serv.	$0	$0	$0	$0
Buildings / Structures	$0	$3,800,000	$0	$3,800,000
Land / Land Improvements	$0	$0	$0	$0
Roadway Plng & Construction	$0	$0	$0	$0
Equipment & Furnishings	$0	$0	$0	$0
Other Expenses	$0	$0	$0	$0
Total Project Cost	$0	$4,000,000	$0	$4,000,000

Budget Year Financing

Federal, State and Local Aids	$4,000,000
Non-Cash/ In-Kind Aids	$0
Sales and Use Tax Revenue	$0
Property Tax Revenue	$0
Miscellaneous Revenue	$0
G.O. Bonds and Notes	$0
Airport Reserve	$0
Investment Earnings	$0
PFC Revenue	$0
Gifts & Cash Contributions	$0
Other Revenue	$0
Total Budget Year Financing	$4,000,000

Cost Estimates Prepared By	Ben Erucjalu	DPW Review By	Stephen Kamuiru

Project Useful Life (Years)	30

Project Fiscal Status

Prior Years Expenditures	
1998 Expenditures	
1999 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	11/1999
Complete Construction	12/1999
Scheduled Project Closeout	

2000 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO886 – CMC (Amtrak) Depot Renovation

An appropriation of $4,000,000 is budgeted for interior and entryway renovations at the Amtrak Train Depot. Milwaukee County will not be required to make a financial contribution to the project but will be the Federal Transit Administration (FTA) public sponsor during the life of the project. This project is to be reimbursed by $2,000,000 in Federal revenue and $2,000,000 in State revenue.

A Memorandum of Understanding (MOU) has been developed and approved by the County Board which identifies the responsibilities between the owner of the depot, CMC Heartland Partners, L.L.P., and Milwaukee County. Under the terms of the MOU, Milwaukee County shall serve as the conduit for the project by providing up-front financing for the renovation with general obligation bonds. The County will be reimbursed for all of its costs related to the project. In addition, the County is not financially obligated and is held harmless if the cost of the renovations exceed $4,000,000.

The intent of the renovation is to transition the train station from an outmoded and underutilized depot to an attractive, modern intermodal transportation center. This is expected to be accomplished by providing more convenient access to, and utilization of, surface transportation. This surface transportation includes shuttle, bus, taxicab, van or limousine services for Amtrak passengers arriving or departing the depot.

CMC Heartland Partners, L.L.P., leased a portion of the depot to National Railroad Passenger Corporation ("Amtrak") for offices, crew quarters, luggage storage, ticket windows, and train boarding facilities. Amtrak has recently advised CMC that it intends to renew its long-term lease and is currently preparing a description of space needs.

In late 1997, Congress included an allocation of slightly less than $1,000,000 for fiscal year 1998 and another $1,000,000 for fiscal year 1999 for the renovation and rehabilitation of the Milwaukee Amtrak depot. This $2,000,000 in funding is in addition to any other transit or transportation funding allocated to the State of Wisconsin and to Milwaukee County.

The Wisconsin State Legislature also authorized up to $2,000,000 from the State Transportation Bond Pool, the proceeds of which will be earmarked for the renovation of the Milwaukee depot.

With the Federal and State governments each contributing $2,000,000, neither the Milwaukee County Transit System (MCTS) nor Milwaukee County would be required to make a financial contribution.

CMC's long-term plan involves restoration of the entire Amtrak depot. However, because of limited funding, the current request relates to the interior and entranceway renovation and upgrade.

As part of the effort to make the interior and portions of the exterior of the Amtrak station more acceptable to the traveling public, CMC has commissioned Quorum Architects, Inc. to completely redesign the depot interior.

The following are other components being considered for inclusion in the project: a bus drop-off in closer proximity to the depot entrance, a new entrance arcade, pedestrian connection to the new 6th Street Viaduct, and a Milwaukee County transit kiosk and trolley connection to many civic buildings and entertainment venues.

DPW Staffing Plan

The DPW project manger for this Amtrak Depot renovation project will be Benedict C. Eruchalu, Transportation Division. CMC Heartland Partners will take responsibility for carrying out and completing the project.

This Page Left Intentionally Blank.