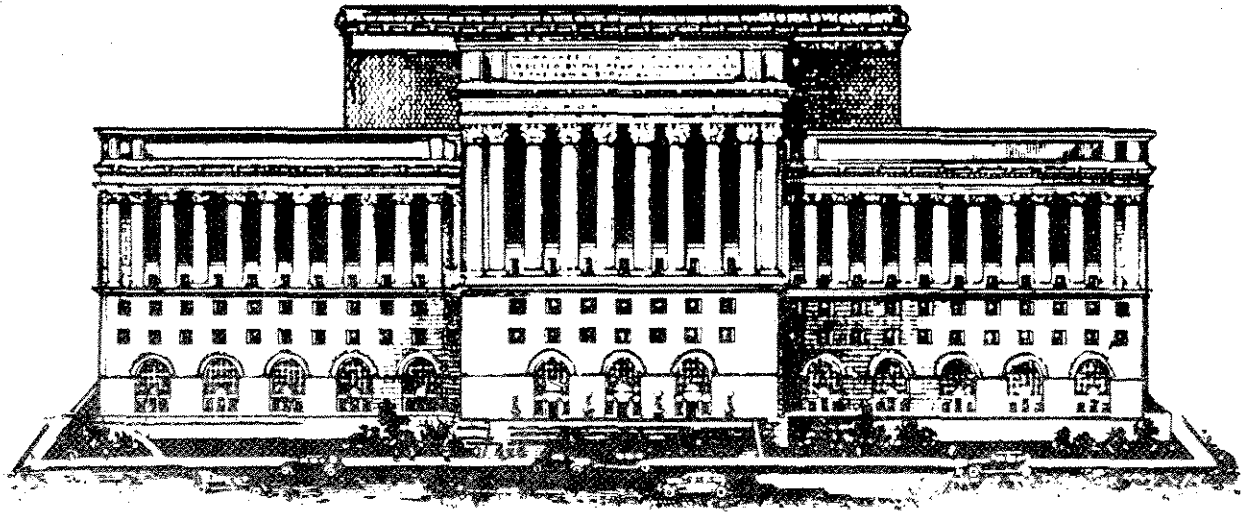
# MILWAUKEE COUNTY
# EXECUTIVE BUDGET
# 2004 CAPITAL IMPROVEMENTS



Scott Walker
Milwaukee County Executive

# TABLE OF CONTENTS

**Table of Contents** ..... 1

**Summary of the 2004 Recommended Capital Improvements Budget** ..... 4

**Introduction** ..... 7

**Debt Affordability Indicators** ..... 13

**Section 1 Airports (WA)** ..... 19

WA014 GMIA Terminal Apron Joint Repair ..... 20
WA034 GMIA Electrical System Update ..... 22
WA051 GMIA Bus/Limousine Queing Area ..... 24
WA060 GMIA Rebuild Taxiway B East of Taxiway R ..... 26
WA061 GMIA E Concourse Stem Remodeling – Design ..... 28
WA308 GMIA – Phase I Mitigation Program ..... 30

**Section 2 Highways and Bridges (WH)** ..... 33

WH010 County Highway Action Program ..... 34
WH030 Bridge Replacement Program ..... 36
WH060 Transportation Division Project Management ..... 40
WH080 Bridge Rehabilitation ..... 42
WH082 National Highway System ..... 44
WH201 County Highway Action Program ..... 46
WH205 Bridge Replacement Program ..... 50
WH226 Bridge Rehabilitation Program ..... 52
WH228 Highway Maintenance & Fleet Management Facility (formerly North Shop) ..... 56

**Section 3 Mass Transit (WT)** ..... 59

WT011 Bus Replacement Program ..... 60
WT013 Computer Upgrade ..... 62
WT019 Kinnickinnic Garage Infrastructure Improvements ..... 64
WT020 Fond du Lac Garage Infrastructure Improvements ..... 66

**Section 4 Environmental Services (WV)** ..... 69

WV006 Rainbow Park Landfill Investigation ..... 70

**Section 5 Museum (WM)** ..... 73

WM003 Electrical Distribution System Replacement ..... 74
WM550 Plumbing System Replacement ..... 76
WM563 Security/Life Safety System Replacement, Phase III ..... 78

**Section 6 Department of Parks, Recreation & Culture (WP)** ..... 81

WP016 Mitchell Domes HVAC Improvements ..... 82
WP017 Countywide Trail and Hard Surface Replacement Program ..... 84
WP024 O'Donnell Park Maintenance – Stairwell Repair ..... 86
WP032 Jacobus Park Nature Trail Improvement ..... 88
WP036 Oak Leaf Trail Development – St. Francis Segment ..... 90
WP050 Parks Infrastructure Improvements ..... 92
WP406 Countywide Play Area Replacement Program ..... 96
WP447 South Shore Breakwater/Shoreline Protection/Bike Trail ..... 98

# TABLE OF CONTENTS

**Section 7 McKinley Marina (WP)** ..... 101

WP513 McKinley Marina Seawall Improvements ..... 102

**Section 8 Zoo (WZ)** ..... 105

WZ011 Feline Building Renovation ..... 106
WZ014 Zoo Infrastructure Improvements ..... 108

**Section 9 DHHS - Behavioral Health Division (WE)** ..... 111

WE024 Psychiatric Hospital Fire Alarm System - Design ..... 112

**Section 10 DPW County Grounds (WG)** ..... 115

WG008 County Grounds Roadway Rehabilitation ..... 116

**Section 11 Department of Health & Human Services (WS)** ..... 119

WS005 12th and Vliet Street Building Renovation ..... 120
WS013 Senior Center Infrastructure Improvements ..... 124

**Section 12 Courthouse Complex (WC)** ..... 127

WC016 Courthouse Complex Roof Replacement ..... 128
WC021 Criminal Justice Facility Video Visitation ..... 130
WC028 Community Correction Center Infrastructure ..... 132

**Section 13 House of Correction (WJ)** ..... 135

WJ014 HOC Infrastructure Improvements ..... 136
WJ022 Upgrade Fire Alarm System ..... 138

**Section 14 Other County Agencies (WO)** ..... 141

WO010 County Web, Internet and Electronic Commerce Development ..... 142
WO021 Milwaukee County Public Art Program ..... 146
WO029 Milwaukee County Historical Society Renovation ..... 150
WO030 Countywide Access Road Improvements Program ..... 154
WO032 Marcus Center Fire Alarm Replacement ..... 156
WO101 Fleet Fire/Heat Detection System ..... 158
WO112 Fleet Equipment Acquisition ..... 160
WO201 IMSD Enterprise Server Genesys System ..... 164
WO202 IMSD Voice and Data Communications ..... 168
WO301 Countywide Technical Infrastructure ..... 172
WO302 800 MHz Radio Equipment ..... 178
WO411 Sheriff's Mobile Data Computer Upgrade ..... 180
WO860 Countywide Handicapped Accessibility Program ..... 182
WO870 County Special Assessments ..... 186

**Five-Year Capital Improvements Program (2003 to 2008)** ..... 189

**This Page Left Intentionally Blank.**

**Summary of the 2004 Recommended Capital Improvements**
**Milwaukee County**
**September 15, 2003**

| Project | Project Description | Capitalized Interest | 2004 Recommended | Reimbursement Revenue | Net County Financing | Sales Tax Revenues | Investment Earnings | Private Contribution[1] | PFC Revenue | Bonds |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Recommended County Financing | | | | |
| | **TRANSPORTATION AND PUBLIC WORKS** | | | | | | | | | |
| | **Airports** | | | | | | | | | |
| WA014 | GMIA - Terminal Apron Joint Repair | | $ 736,000 | $ 644,000 | $ 92,000 | | | | $ 92,000 | $ - |
| WA034 | GMIA - Electrical System Upgade | | 2,500,000 | 2,187,500 | 312,500 | | | | 312,500 | - |
| WA051 | GMIA- Bus/ Limousine Queing Area | | 350,000 | - | 350,000 | | | | | 350,000 |
| WA060 | GMIA - Rebuild Taxiway B East of Taxiway R | | 430,000 | 376,250 | 53,750 | | | | 53,750 | - |
| WA061 | GMIA - E Concourse Stem Remodeling - Design | | 135,000 | - | 135,000 | | | | | 135,000 |
| WA308 | GMIA -Phase I Mitigation Program | | 9,375,000 | 8,437,500 | 937,500 | | | | 937,500 | - |
| | | | | - | | | | | | - |
| **WA** | **Total Airports** | $ - | $ 13,526,000 | $ 11,645,250 | $ 1,880,750 | $ - | $ - | $ - | $ 1,395,750 | $ 485,000 |
| | | | | - | | | | | | - |
| | **Highways & Bridges** | | | - | | | | | | - |
| WH010 | County Highway Action Program | | 155,000 | 155,000 | - | | | | | - |
| WH030 | Bridge Replacement Program | - | 871,800 | 697,440 | 174,360 | - | - | - | - | 174,360 |
| WH060 | Transportation Division Project Management | | 100,000 | - | 100,000 | 100,000 | | | | - |
| WH080 | Bridge Rehabilitation | | 457,000 | 365,600 | 91,400 | | | | | 91,400 |
| WH082 | National Highway System | | 210,000 | 210,000 | - | | | | | - |
| WH201 | County Highway Action Program | | 2,149,572 | 1,934,615 | 214,957 | | | | | 214,957 |
| WH205 | Bridge Replacement Program | | 1,270,000 | 1,016,000 | 254,000 | | | | | 254,000 |
| WH226 | Bridge Rehabilitation Program | - | 3,199,660 | 2,559,728 | 639,932 | - | - | - | - | 639,932 |
| WH228 | Highway Maintenance and Fleet Management Garage Facility (formerly North Shop) | | - | - | - | | | | | - |
| **WH** | **Total Highways & Bridges** | $ - | $ 8,413,032 | $ 6,938,383 | $ 1,474,649 | $ 100,000 | $ - | $ - | $ - | $ 1,374,649 |
| | | | | - | | | | | | - |
| | **Mass Transit** | | | - | | | | | | - |
| WT011 | Bus Replacement Program | | 58,430,000 | 6,987,000 | 1,443,000 | | | | | 1,443,000 |
| WT013 | Computer Upgrade | | 70,000 | 56,000 | 14,000 | | | | | 14,000 |
| WT019 | Kinnickinnic Garage Infrastructure Improvements | 5,800 | 741,800 | 588,800 | 153,000 | | 1,450 | | | 151,550 |
| WT020 | Fond du Lac Garage Infrastructure Improvements | 3,700 | 463,700 | 368,000 | 95,700 | | 900 | | | 94,800 |
| **WT** | **Total Mass Transit** | $ 9,500 | $ 9,705,500 | $ 7,999,800 | $ 1,705,700 | $ - | $ 2,350 | $ - | $ - | $ 1,703,350 |
| | | | | - | | | | | | - |
| | **Environmental** | | | - | | | | | | - |
| WV006 | Rainbow Park Landfill Investigation | | 175,000 | - | 175,000 | 175,000 | | | | - |
| | | | | - | | | | | | - |
| **WV** | **Total Environmental** | $ - | $ 175,000 | $ - | $ 175,000 | $ 175,000 | $ - | $ - | $ - | $ - |
| | | | | - | | | | | | - |
| | **Total Transportation & Public Works** | $ 9,500 | $ 31,819,532 | 26,583,433 | $ 5,236,099 | $ 275,000 | $ 2,350 | $ - | $ 1,395,750 | 3,562,999 |
| | | | | - | | | | | | - |
| | **PARKS, RECREATION AND CULTURE** | | | - | | | | | | - |
| | | | | - | | | | | | - |
| | **Milwaukee Public Museum** | | | - | | | | | | - |
| WM003 | Electrical Distribution System Replacement | | $ 300,000 | $ - | $ 300,000 | | | | | $ 300,000 |
| WM550 | Plumbing System Replacement | | 500,000 | - | 500,000 | | | | | 500,000 |
| WM563 | Security/Life Safety System Replacement, Phase III | | 100,000 | - | 100,000 | | | | | 100,000 |
| | | | | - | | | | | | - |
| **WM** | **Total Milwaukee Public Museum** | $ - | $ 900,000 | $ - | $ 900,000 | $ - | $ - | $ - | $ - | $ 900,000 |
| | | | | - | | | | | | - |
| | **Department of Parks, Recreation & Culture** | | | - | | | | | | - |
| WP016 | Mitchell Domes HVAC Improvements | | $ 1,566,000 | $ - | $ 1,566,000 | | | | | $ 1,566,000 |
| WP017 | Countywide Trail and Hard Surface Replacement Program | | 250,000 | - | 250,000 | 75,000 | | | | 175,000 |
| WP024 | O'Donnell Park Maintenance - Stairwell Repair | | 400,000 | - | 400,000 | | | | | 400,000 |
| WP032 | Jacobus Park Nature Trail Improvement | | 30,000 | 30,000 | - | | | | | - |
| WP036 | Oak Leaf Trail Development - St. Francis Segment | | 255,600 | 255,600 | - | | | | | - |

**Summary of the 2004 Recommended Capital Improvements**
**Milwaukee County**
**September 15, 2003**

| Project | Project Description | Capitalized Interest | 2004 Recommended | Reimbursement Revenue | Net County Financing | Sales Tax Revenues | Investment Earnings | Private Contribution[1] | PFC Revenue | Bonds |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Recommended County Financing | | | | |
| WP050 | Parks Infrastructure Improvements | - | 1,450,000 | - | 1,450,000 | 500,000 | | | | 950,000 |
| WP406 | Countywide Play Area Redevelopment Program | | 250,000 | - | 250,000 | | | | | 250,000 |
| WP447 | South Shore Breakwater/Shoreline Protection/Bike Trail | | 820,000 | - | 820,000 | | | | | 820,000 |
| **WP** | **Total Department of Parks, Recreation & Culture** | $ - | $ 5,021,600 | $ 285,600 | $ 4,736,000 | $ 575,000 | $ - | $ - | $ - | $ 4,161,000 |
| | **McKinley Marina** | | | | | | | | | |
| WP513 | McKinley Marina Seawall Improvements | | $ 550,000 | - | $ 550,000 | | | | | 550,000 |
| **WP** | **Total McKinley Marina** | | $ 550,000 | - | $ 550,000 | $ - | $ - | $ - | $ - | 550,000 |
| | **Zoo** | | | | | | | | | |
| WZ011 | Feline Building Renovation | | $ 4,391,000 | $ - | $ 4,391,000 | | | | | $ 4,391,000 |
| WZ014 | Zoo Infrastructure Improvements | | 1,742,690 | 191,373 | 1,551,317 | 122,500 | | | | 1,428,817 |
| **WZ** | **Total Zoo** | $ - | $ 6,133,690 | $ 191,373 | $ 5,942,317 | $ 122,500 | $ - | $ - | $ - | $ 5,819,817 |
| | **Total Parks, Recreation and Culture** | $ - | $ 12,605,290 | 476,973 | $ 12,128,317 | $ 697,500 | $ - | $ - | $ - | 11,430,817 |
| | **HEALTH AND HUMAN SERVICES** | | | | | | | | | |
| | **DHS-Behavioral Health Division** | | | | | | | | | |
| WE024 | Psychiatric Hospital Fire Alarm System - Design | - | 136,800 | - | 136,800 | | | | | 136,800 |
| **WE** | **Total DHS-Behavioral Health Division** | $ - | $ 136,800 | - | 136,800 | $ - | $ - | $ - | $ - | 136,800 |
| | **DPW County Grounds** | | | | | | | | | |
| WG008 | County Grounds Roadway Rehabilitation | | $ 1,156,000 | $ - | $ 1,156,000 | | | | | $ 1,156,000 |
| **WG** | **Total DPW County Grounds** | $ - | $ 1,156,000 | - | $ 1,156,000 | $ - | $ - | $ - | $ - | 1,156,000 |
| | **Department of Human Services** | | | | | | | | | |
| WS005 | 12th & Vliet Street Building Renovation | | $ 4,686,800 | - | $ 4,686,800 | $ 774,579 | | | | 3,912,221 |
| WS013 | Senior Center Infrastructure Improvements | - | 351,600 | - | 351,600 | | | | | 351,600 |
| **WS** | **Total Department of Human Services** | $ - | $ 5,038,400 | $ - | $ 5,038,400 | $ 774,579 | $ - | $ - | $ - | $ 4,263,821 |
| | **Total Health and Human Services** | $ - | $ 6,331,200 | - | $ 6,331,200 | $ 774,579 | $ - | $ - | $ - | 5,556,621 |
| | **GENERAL GOVERNMENT** | | | | | | | | | |
| | **Courthouse Complex** | | | | | | | | | |
| WC016 | Courthouse Complex Roof Replacement | 54,500 | $1,417,550 | - | 1,417,550 | | $ 13,600 | | | 1,403,950 |
| WC021 | Criminal Justice Facility Video Visitation | | $600,000 | - | 600,000 | | | | | 600,000 |
| WC028 | Community Correction Center Infrastructure | 5,600 | $145,600 | - | 145,600 | | 1,400 | | | 144,200 |
| **WC** | **Total Courthouse Complex** | $ 60,100 | $ 2,163,150 | - | $ 2,163,150 | $ - | $ 15,000 | $ - | $ - | 2,148,150 |
| | **House of Correction** | | | | | | | | | |
| WJ014 | HOC Infrastructure Improvements | | 217,160 | - | 217,160 | 31,560 | | | | 185,600 |
| WJ022 | Upgrade Fire Alarm System | | 200,000 | - | 200,000 | | | | | 200,000 |
| **WJ** | **Total House of Correction** | $ - | $ 417,160 | - | $ 417,160 | $ 31,560 | $ - | $ - | $ - | 385,600 |
| | **Other County Agencies** | | | | | | | | | |
| WO010 | County Web, Internet and Electronic Commerce Development | | $ 200,000 | - | $ 200,000 | $ 200,000 | | | | - |
| WO021 | Milwaukee County Public Art Program | | 163,334 | - | 163,334 | 40,834 | | | | 122,500 |

**Summary of the 2004 Recommended Capital Improvements**
**Milwaukee County**
**September 15, 2003**

| Project | Project Description | Capitalized Interest | 2004 Recommended | Reimbursement Revenue | Net County Financing | Recommended County Financing: Sales Tax Revenues | Investment Earnings | Private Contribution[1] | PFC Revenue | Bonds |
|---|---|---|---|---|---|---|---|---|---|---|
| WO029 | Milwaukee Historical Society Renovation | | 1,326,000 | - | 1,326,000 | | | $ 663,000 | | 663,000 |
| WO030 | Countywide Access Road Improvements Program | - | 537,250 | - | 537,250 | $ - | $ - | $ - | $ - | 537,250 |
| WO032 | Marcus Center Fire Alarm Replacement | | 223,020 | - | 223,020 | | | | | 223,020 |
| WO101 | Fleet Fire/Heat Detection System | - | $340,000 | - | 340,000 | | | | | 340,000 |
| WO112 | Fleet Equipment Acquisition | - | $2,908,800 | - | 2,908,800 | | | | 1,885,000 | 1,023,800 |
| WO201 | IMSD Enterprise Server - Genesys System | | 500,000 | - | 500,000 | 500,000 | | | | - |
| WO202 | IMSD Voice and Data Communications. | | 232,500 | 232,500 | - | | | | | - |
| WO301 | Countywide Technical Infrastructure | | 749,932 | - | 749,932 | 3,597 | | | | 746,335 |
| WO302 | 800 MHz Radio Equipment | - | 48,752 | - | 48,752 | - | - | - | - | 48,752 |
| WO411 | Sheriff's Mobile Data Computer Upgrade | | 192,000 | - | 192,000 | | | | | 192,000 |
| WO860 | Countywide Handicapped Accessibility Program | | 130,000 | - | 130,000 | 49,000 | | | | 81,000 |
| WO870 | County Special Assessments | | 100,000 | - | 100,000 | 100,000 | | | | - |
| | | | | - | | | | | | - |
| **WO** | **Total Other County Agencies** | $ - | $ 7,651,588 | $ 232,500 | $ 7,419,088 | $ 893,431 | $ - | $ 663,000 | $ 1,885,000 | $ 3,977,657 |
| | **Total General Government** | $ 60,100 | $ 10,231,898 | $ 232,500 | $ 9,999,398 | $ 924,991 | $ 15,000 | $ 663,000 | $ 1,885,000 | $ 6,511,407 |
| | **Grand Total Capital Improvements** | $ 69,600 | $ 60,987,920 | $ 27,292,906 | $ 33,695,014 | $ 2,672,070 | $ 17,350 | $ 663,000 | $ 3,280,750 | $ 27,061,844 |
| | **Total Excluding Airports** | $ 69,600 | $ 47,461,920 | $ 15,647,656 | $ 31,814,264 | $ 2,672,070 | $ 17,350 | $ 663,000 | $ 1,885,000 | $ 26,576,844 |

## INTRODUCTION

The 2004 Recommended Capital Improvements Budget includes 56 separate projects for a total expenditure appropriation of $60,987,920. Anticipated reimbursement revenue (Federal, State and local grants) totals $27,292,906 resulting in net County financing of $33,695,014.

Appropriations for 50 corporate purpose (non-airport) projects total $47,461,920 with offsetting reimbursement revenues of $15,647,656. The resulting net county financing of $31,814,264 is to be financed by $26,576,844 in general obligation corporate purpose bonds, $2,672,070 in sales tax revenues, $1,885,000 in Passenger Facility Charges (PFC) revenue, $663,000 in private donations and $17,350 in construction fund investment earnings.

Budgeted expenditure appropriations for 2004 Airport capital improvements total $13,526,000. Airport reimbursement revenue of $11,645,250 results in net County financing of $1,880,750. Net County financing for Airport projects includes $485,000 in General Airport Revenue Bonds (GARBs), $1,395,750 in PFC revenue bonds and/or pay-as-you-go PFC financing.

Since 1982, all Airport improvement costs not reimbursed by State or Federal agencies have been debt financed using general obligation bonds or financed through pay-as-you-go PFC revenues. Airlines housed in General Mitchell International Airport (GMIA) have agreed to pay all accrued principal and interest payments on debt issued on behalf of the Airport. Debt issued for the Airport from 1982 to 1984 is being repaid by the Airlines in accordance with a 25-year repayment schedule outlined in the Airline lease agreement. Bonds issued after 1984 are repaid by the Airlines over the actual term of the issue. Airport bonds issued after 1985 are classified as private activity bonds. These bonds remain tax-exempt, but income earned from these bonds may be subject to the Alternative Minimum Tax for some taxpayers. The County began issuing GARBs in 2000 to finance the GMIA parking facility. In 2003, the County will issue PFC-backed revenue bonds supported by general airport revenue bonds. All debt service payments for the revenue bonds will be the responsibility of the Airlines using GMIA.

**Comparison to 2003 Adopted Budget**

The 2003 Recommended Capital Improvements Budget includes 59 separate projects for a total expenditure appropriation of $58,431,557. Anticipated reimbursement revenue (Federal, State and local grants) totals $20,795,640 resulting in net County financing of $37,635,917.

Appropriations for 53 corporate purpose (non-airport) projects total $44,423,407 with offsetting reimbursement revenues of $15,170,640. The resulting net county financing of $29,252,767 is to be financed by $25,623,397 in general obligation corporate purpose bonds, $2,672,070 in sales tax revenues, $930,000 in Passenger Facility Charges (PFC) revenue and $27,300 in construction fund investment earnings.

Budgeted expenditure appropriations for 2003 Airport capital improvements total $14,008,150. Airport reimbursement revenue of $5,625,000 results in net County financing of $8,383,150. Net County financing for Airport projects includes $440,000 in General Airport Revenue Bonds (GARBs), $3,889,150 in PFC revenue bonds and $4,054,000 in PFC revenue.

**2004 Recommended Expenditure Appropriations by Function**

The largest 2004 expenditure category is for Transportation and Public Works-related departments. Budgeted appropriations of $31,819,532 represent approximately 52.2 percent of total 2004 capital appropriations. The $31,819,532 appropriation is offset with 83.5 percent in reimbursement revenues. In fact, nearly all of the reimbursement revenues budgeted in the 2004 Recommended Capital Improvements Budget is budgeted in this category, accounting for 97.4 percent of all reimbursement revenue budgeted for 2004.

Major Transportation and Public Works projects include WA308 – GMIA-Phase I Mitigation Program ($9,375,000), WH201 – North Port Washington Road: Good Hope to County Line Rds. ($2,149,572), WH226 – Bridge Rehabilitation Program ($3,199,660) and WT010 – Bus Replacement Program – Orion ($8,430,000).

The functional area receiving the next largest appropriation is Parks, Recreation and Culture. Budgeted appropriations total $12,605,290. This amount represents 20.6 percent of the total capital budget. Major projects

include WP016 – Mitchell Park Domes HVAC Improvements ($1,566,000), WP411 – Parks Infrastructure Improvements ($1,450,000), WZ011 – Feline Building Renovation ($4,391,000) and WZ585 – Zoo Infrastructure Improvements ($1,742,690).

Budgeted appropriations for General Government departments total $10,231,898. This amount represents 16.8 percent of the total capital budget. Major appropriations include WC016 – Courthouse Complex Roof Replacement ($1,417,550), WO029 – Milwaukee County Historical Society Restoration ($1,326,000), WO301 – IMSD Technical Infrastructure ($749,932) and WO112 – Fleet Equipment Acquisition ($2,908,800).

Capital appropriations for Health and Human Services departments total $6,331,200. This amount represents 10.4 percent of the total capital budget. The most significant projects budgeted for this functional area are WG008 – Milwaukee County Grounds Roadway Rehabilitation ($1,156,000), WS005 – 12th and Vliet Building Renovation ($4,686,800) and WS013 – Senior Center Infrastructure Improvements ($351,600).

## MAJOR 2004 CAPITAL IMPROVEMENT ISSUES

### Future Borrowing Limitations

In June 2003, the County Board issued $100,025,000 in general obligation refunding bonds to advance refund various maturities from the 1994 through 2002 corporate purpose bond issues. The refunding increased the County's overall outstanding debt service by $48.7 million. In order to minimize the impact of this refunding on the County's debt service, the County Board also adopted a change in the County's debt management goals restricting future borrowing. In effect, this policy limits 2004-2007 borrowing to an increase of no more than $1 million over the previous year's corporate purpose bond amount. In addition, the corporate purpose bond amount for 2008 is set at a not-to-exceed amount of $30 million, and future not-to-exceed amounts would increase by 3 percent over the previous year's bond amount.

In compliance with the revision in the County's debt management goals, the 2004 budgeted bond amount of $26,576,844 reflects an increase of $953,447, which is within the $1 million increase over the 2003 budgeted bond amount of $25,623,397. The principal amount for the 2004 bond issue amount is estimated to be within the $1 million increase specified in the debt management goal.

### Public Referendum Requirement for New Capital Projects Exceeding $1 Million

An initiative begun by the County Executive requires that any new capital project exceeding a $1 million County commitment must be approved by a public referendum to authorize the project's financing. The 2004 Recommended Capital Budget contains one project that would require a referendum in 2004. The Highway Maintenance and Fleet Management Garage Facility requires a referendum because: 1) the scope of work involves construction of a new building and 2) the total County commitment exceeds the $1 million threshold at a total cost of $6,455,000 over four years which would be financed by general obligation bonds. In order for this project to proceed to construction, a public referendum would need to be held in 2004 prior to authorizing the project's financing in 2005.

The referendum schedule must be coordinated with the County's budget and financing schedule. Adopted capital projects meeting the referendum criteria would be submitted to referendum at the following spring primary or spring election. Projects subjected to referendum could not be financed unless and until the referendum approval was obtained for financing in the following budget year.

Section 59.52 (25) of the Wisconsin Statutes authorizes the County Board to "conduct a countywide referendum… for the purpose of ratifying or validating a resolution adopted or ordinance enacted by the [B]oard contingent upon approval in the referendum." This authority would need to be included in the initial resolution making it effective only if approved by the electors at a referendum.

If the referendum is approved, an appropriation of $770,000 would be included in the 2005 Capital Improvements Budget to complete planning, prepare and execute bid documents and commence site work of a new garage facility. Future appropriations to complete construction of the facility would be $1,825,000 in 2006, $2,410,000 in 2007 and $1,450,000 in 2008.

**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 2004 Recommended Capital Improvements Budget does contain some expensed projects (non-capitalized). These projects are financed with sales tax revenue, investment earnings or revenue generated from Passenger Facility Charges (PFCs). The tax rate limit applies to all current County managed operations including internal service and enterprise operations which are supported by property taxes. Property tax levy support for these funds is reflected in the general fund.

**Capital Project Staffing/Consultant Plan**
Each project narrative and fiscal sheet has a detailed staffing plan listed. Milwaukee County's General Ordinance for Professional Services 56.30(4) requires that "[f]or projects managed by the Department of 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, Department of Parks and Public Infrastructure (formerly Department of Public Works) prepares a final staffing plan which is reviewed and approved by the County Board. Any subsequent changes to the final 2004 staffing plan will be submitted for review and approval to the County Board of Supervisors.

**Appropriations Based on Cash Flow Needs**
The 2004 Recommended Capital Improvements Budget is based on cash flow requirements for multi-year projects. The capital improvements budget was developed based on cash flow financing needs due to the establishment of expenditure targets by the Federal government for tax exempt, debt-financed projects. This budgeting practice may result in the approval of multi-year construction contracts for projects that exceed the budgeted appropriation. In these cases, subsequent appropriations may be necessary to complete project financing. In several instances, recommendations for 2004 will result in contractual obligations for 2004 to complete project financing initiated or continued in 2004 or prior years.

**PFC Revenues**
During 1995, General Mitchell International Airport received authorization to charge a $3 per-person Passenger Facility Charge (PFC). The 2004 Recommended Capital Improvements Budget reflects $3,280,750 in PFC-backed revenue bonds or pay-as-you-go PFC revenues. The Airport Capital Improvements Budget reflects $1,395,750 from PFC-backed revenue bonds or pay-as-you-go PFC revenues. PFC revenues of $1,885,000 are budgeted for 2004 in WO112 – Fleet Equipment Acquisition as an offset to equipment costs for items being purchased for the Airport.

**Federal Expenditure Targets for Tax Exempt Bonds**
Beginning with 1990 bond issues, the Federal government established expenditure targets for spending tax-exempt municipal bond proceeds. Failure to meet these targets subjects the County to rebating all interest earnings on the issue to the Federal government or paying financial penalties totaling up to 3 percent of the unspent principal amount for each year the target is unmet. If expenditure targets are not met, appropriations for individual projects

will be reduced to pay rebate or penalty amounts. Expenditure requirements are anticipated for 2004 corporate purpose and Airport bond issues as follows:

2004 Recommended Corporate Purpose Bonds

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

2004 Recommended Airport Revenue Bonds

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

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

**Regulations for Reimbursement Bonds**

The Internal Revenue Service (IRS) regulates the issuance of "reimbursement bonds" or bonds issued subsequent to project expenses actually being incurred. Tax-exempt issuers are allowed to pay capital costs out of available cash in anticipation of issuing long-term bond or note financing if certain conditions are met. The County's current practice is to issue capital improvement debt in the spring. Prior to debt issuance, some expenditures may have already occurred for new projects. This practice subjects the County to regulations for reimbursement bonds. The 2004 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 2004 capital improvements identifies specific projects and the amount of the expenditure appropriation to be debt financed. As described above, the County intends to reimburse itself for expenditures made on debt financed projects with the proceeds of the County's 2004 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 2004 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 2004 capital improvements on a long-term basis because they are allocated to other capital improvements. Separate corporate purpose and Airport issues may be required. The timing of these issues has not been finalized but, based on past experience, bonds may be issued in the spring.

3. Cash outlays for debt service payments on 2004 bond issues will not be required until 2005. However, proprietary fund departments budget (Mass Transit Division, Behavioral Health Division, Facilities Management Division, Fleet Management Division, Airport Division and Information Management Services Division) 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 that are under construction is referred to as capitalized interest. Under generally accepted accounting principles (GAAP), the capitalized interest cost for proprietary fund departments should be reflected in the construction fund of the project (capital projects fund). The 2004 Recommended Capital Improvements Budget includes $69,600 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 that are complete or substantially complete and interest costs on equipment acquisition. Interest costs on equipment acquisition are not charged to the project construction fund. Capitalized and operating interest expense is reflected as an abatement to the debt service fund expenditure budget to avoid double counting this expenditure. Net capitalized interest costs will be reduced by construction fund earnings on unspent bond proceeds. The 2004 budget anticipates $17,350 in investment earnings on 2004 bonds. These earnings are recorded directly in the capital projects fund as another source of project financing. The capital improvement budget narrative and fiscal sheet completed for each project reflects the impact of directly recording both capitalized interest expense and construction fund earnings on project costs.

**Requirements for Cash Financing for 2004 Capital Improvements**
Beginning with the 1995 capital budget, the County established a cash financing goal of 20 percent to be implemented over a ten-year period. This policy served to increase minimum cash financing by 2.0 percent annually. Net County financing included in the 2004 budget totals $33,695,014, including the Airport. Cash needed to meet the 20 percent financing goal is calculated at $6,739,003 and budgeted cash financing is $6,633,170 or 19.7 percent of net County financing. Excluding Airport projects, net County financing totals $31,814,264 of which $5,237,420 is cash, or 16.5 percent of the total.

**Recommended Financing for 2004 Capital Improvements**
Budgeted financing for 2004 corporate purpose (non-airport) improvements is a combination of Federal, State and local government reimbursement revenues, general obligation bonds and notes, PFC revenues, sales tax revenues, general airport revenue bonds (GARBs), PFC-backed revenue bonds and investment earnings from proprietary-funded construction projects. Budgeted debt financing for 2004 corporate purpose improvements totals $26,576,844.

The budgeted debt financing of $26,576,844 represents approximately 56.0 percent of the total corporate purpose appropriation of $47,461,920. The remaining 44.0 percent of budgeted corporate purpose appropriations is cash financed or financed from reimbursement revenues. Reimbursement revenues total $15,647,656.

Budgeted debt financing for 2004 will be structured to finance WO112 – Fleet Equipment Acquisition and WO301 – IMSD Technical Infrastructure over a four-year period. The balance of 2004 budgeted debt financed projects will be financed over approximately 15 years.

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

**Five-Year Capital Improvement Plan (2004-2008)**
An indication of the County's future capital needs is contained in the Five-Year Recommended Capital Improvements Budget (2004-2008). This Plan was constructed based on a general consensus among departments on their capital needs over the next few years in order to develop a comprehensive capital budget forecast and adhere to the debt management and capital financing policies. Although details of the plan are subject to change, it is a useful capital planning guideline for the County.

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

**Debt Management and Capital Financing Policies**

On July 21, 1994, the County Board of Supervisors adopted several debt management and capital financing policies or goals. As stated previously, in June 2003, the County Board issued $100,025,000 in general obligation refunding bonds to advance refund various maturities from the 1994 through 2002 corporate purpose bond issues. The refunding increased the County's overall outstanding debt service by $48.7 million. In order to minimize the impact of this refunding on the County's debt service, the County Board also adopted a change in the County's debt management goals restricting future borrowing. In effect, this policy limits 2004-2007 borrowing to an increase of no more than $1 million over the previous year's corporate purpose bond amount. In addition, the corporate purpose bond amount for 2008 would be set at a not-to-exceed amount of $30 million, and future not-to-exceed amounts would increase by 3 percent over the previous year's bond amount.

In compliance with the revision in the County's debt management goals, the 2004 budgeted bond amount of $26,582,844 reflects an increase of $959,447, which is within the $1 million increase over the 2003 budgeted bond amount of $25,623,397. The principal amount for the 2004 bond issue amount is estimated to be within the $1 million increase specified in the debt management goal.

Debt Management and Capital Financing Policies include a requirement that the County Executive's Recommended Budget include a summary of the impact that borrowing proposals contained in the budget would have on various measures of debt affordability. As discussed earlier, the policies also established limitations on capital improvement borrowing by requiring an increase in project pay-as-you-go cash financing. The requirement for 2004 is that 20 percent of County financed project costs be financed from cash sources.

Partly due to the rapid amortization of the County's outstanding debt, the three national rating agencies have consistently given the County a solid rating. The County is rated Aa3 by Moody's Investor Service and AA by Standard & Poor's and Fitch Ratings. In 1998, Moody's Investor Service and Fitch Ratings upgraded the County to its current ratings. Standard & Poor's upgraded the County in 2001 to the current rating of AA, with a stable outlook.

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

The following section contains a summary of selected debt affordability indicators revised to reflect the impact of the 2003 refunding and future borrowing limitations. This section also provides a comparison of 2004 recommended information with prior year information.

# DEBT AFFORDABILITY INDICATORS

**Milwaukee County Debt Management and Capital Financing Policy Goals**

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

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

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

4. Financing terms shall not exceed 16 years.

5. Average principal maturities shall not exceed 10 years.

6. Net present value savings for proposed advance refundings should total a minimum of 3 percent to 5 percent of refunded principal.

7. Direct debt per capita shall not exceed $500.

8. Bond insurance will be used when it provides a net economic benefit.

9. County corporate purpose bond issue increases will be limited to a principal amount of no more than $1 million over the principal amount of the previous year's corporate purpose bond issue.

10. Corporate purpose bond issues for 2008 and forward would be limited to a principal amount of $30 million plus three percent per year for inflation.

**Debt Service in Comparison to Sales Tax Revenue**

**Policy Goal:**

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

**Definition:**

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

**Trend Information:**

| Budget Year | Tax Supported Debt Service | County Sales and Use Tax Revenues | Surplus/(Shortfall) in Sales Tax Revenues |
|---|---|---|---|
| 2004 | 35,594,741 | 58,945,930 | 23,351,189 |
| 2005 | 40,915,203 | 59,830,119 | 18,883,137 |
| 2006 | 47,894,993 | 60,727,571 | 12,816,738 |
| 2007 | 49,960,187 | 61,638,484 | 11,671,498 |
| 2008 | 54,649,579 | 62,563,062 | 7,925,685 |
| 2009 | 56,308,225 | 63,501,507 | 7,139,393 |
| 2010 | 57,415,898 | 64,454,030 | 7,139,393 |
| 2011 | 59,139,920 | 65,420,841 | 6,258,368 |
| 2012 | 59,993,074 | 66,402,153 | 6,390,029 |
| 2013 | 60,846,039 | 67,398,185 | 6,536,661 |

**Note:**
County sales and use tax collections began in 1991. From 1992-1995, a portion of sales and use tax revenues were dedicated to the payment of net revenue anticipation promissory note interest. Prior to the implementation of the sales and use tax, the County had often established a bond-to-tax-levy ratio to determine direct cash financing totals. With the implementation of the County sales and use tax, surplus revenues, achieved when projected sales tax revenues exceed budgeted debt service, were earmarked to finance capital improvement appropriations, in accordance with Section 22.04, Milwaukee County Ordinances. On June 18, 2003, the County Board of Supervisors approved Resolution File No. 03-263(a)(a), which modified Section 22.04 of the General Ordinances so that surplus sales and use tax revenues can be used to pre-fund employee benefit costs or fund anticipated or extraordinary annual increases in such costs or supplement the Appropriation for Contingencies. The modification is effective through calendar year 2007.

**Cash Financing of Capital Improvements**

**Policy Goal:**

Cash financing for capital improvements shall be used for a minimum of 20 percent of County financed project costs. This goal has been implemented over a seven-year period based on a schedule which requires direct cash financing to increase by 2 percent annually beginning with the 1995 Adopted Capital Improvements Budget with a final increase of 2 percent in 2001 in achieving a goal of 20 percent. Therefore, the minimum cash financing goal for the 2003 Capital Improvements Budget and future budgets will be 20 percent of net County financed capital improvement costs.

**Definition:**

Cash financing (pay-as-you-go financing) of capital improvements means the direct non-debt financing of County financed project costs. It is anticipated that cash financing will consist of sales tax revenues, interest earnings realized from the investment of bond proceeds issued for proprietary fund departments and revenue from Passenger Facility Charges (PFCs). 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 |
|---|---|---|---|
| 2004 | 33,695,014 | 6,633,170 | 19.7% |
| 2005 | 33,273,810 | 6,654,762 | 20.0% |
| 2006 | 34,464,286 | 6,892,857 | 20.0% |
| 2007 | 35,654,762 | 7,130,952 | 20.0% |
| 2008 | 35,714,286 | 7,142,857 | 20.0% |
| 2009 | 36,785,714 | 7,357,143 | 20.0% |
| 2010 | 37,886,905 | 7,577,381 | 20.0% |
| 2011 | 39,023,810 | 7,804,762 | 20.0% |
| 2012 | 40,196,429 | 8,039,286 | 20.0% |
| 2013 | 41,404,762 | 8,280,952 | 20.0% |

**Note:**
Beginning with the 1995 capital budget, the County established cash financing goals to be implemented over a ten-year period. This policy served to increase minimum cash financing by 2.0 percent annually.

**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, which issued its last payment to the County in 1997, or other non-general obligation financings such as capital lease financings or conduit financings issued for non-county agencies. Equalized property value includes the value of Tax Incremental Financing Districts (TIDs).

**Trend Information:**

| Budget Year | Direct Debt | Equalized Value | Direct Debt as a Percent of Value |
|---|---|---|---|
| 2004 | 470,754,636 | 47,266,665,200 | 1.00% |
| 2005 | 467,695,882 | 49,157,331,808 | 0.95% |
| 2006 | 461,061,424 | 51,123,625,080 | 0.90% |
| 2007 | 453,224,019 | 53,168,570,084 | 0.85% |
| 2008 | 439,179,458 | 55,295,312,887 | 0.79% |
| 2009 | 425,204,619 | 57,507,125,402 | 0.74% |
| 2010 | 408,695,872 | 59,807,410,418 | 0.68% |
| 2011 | 392,842,267 | 62,199,706,835 | 0.63% |
| 2012 | 375,312,267 | 64,687,695,109 | 0.58% |
| 2013 | 357,357,267 | 67,275,202,913 | 0.53% |

**Note:** Annual growth in equalized values is 4 percent. The actual growth in equalized values for the last ten years has been approximately 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 |
|---|---|---|---|
| 2004 | 470,754,636 | 941,301 | 500 |
| 2005 | 467,695,882 | 941,301 | 497 |
| 2006 | 461,061,424 | 941,301 | 490 |
| 2007 | 453,224,019 | 941,301 | 481 |
| 2008 | 439,179,458 | 941,301 | 467 |
| 2009 | 425,204,619 | 941,301 | 452 |
| 2010 | 408,695,872 | 941,301 | 434 |
| 2011 | 392,842,267 | 941,301 | 417 |
| 2012 | 375,312,267 | 941,301 | 399 |
| 2013 | 357,357,267 | 941,301 | 380 |

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

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS

## SECTION 1
## AIRPORTS

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WA014 | GMIA - Terminal Apron Joint Repair | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Airport | Transportation |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 3 | Ken Vick | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $606,000 | $455,000 | $75,500 | | $75,500 |
| 2003 | | | | | $0 |
| 2004 | $736,000 | $552,000 | $92,000 | | $92,000 |
| 2005 | $650,000 | $487,500 | $81,250 | | $81,250 |
| 2006 | $650,000 | $487,500 | $81,250 | | $81,250 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $2,642,000 | $1,982,000 | $330,000 | $0 | $330,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $101,000 | $124,000 | $220,000 | $445,000 |
| Construction & Implementation | $505,000 | $612,000 | $1,080,000 | $2,197,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $41,000 | | | $41,000 |
| DPW Charges | $60,000 | $124,000 | $220,000 | $404,000 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | $505,000 | $612,000 | $1,080,000 | $2,197,000 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $606,000 | $736,000 | $1,300,000 | $2,642,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $644,000 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | $92,000 |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $736,000 |

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

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $606,000 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | ($186,700) |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $0 |
| Change in Annual Costs | ($186,700) |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | ($186,700) |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 4/04 |
| Complete Final Plans & Specifications | 5/04 |
| Begin Construction | 6/04 |
| Complete Construction | 8/04 |
| Scheduled Project Closeout | 12/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WA014 - GMIA Terminal Apron Joint Repair**

An appropriation of $736,000 is budgeted in 2004 for the second phase of the joint repair project. The terminal apron joint repair is Passenger Facility Charge (PFC) financing eligible and Airport Improvement Program (AIP) eligible and both discretionary and entitlement funding will be sought to the maximum amount possible with PFC financing being utilized for the balance. Financing will be provided from $644,000 in Federal AIP revenue and $92,000 in PFC funding.

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 adhere 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. The terminal apron joint sealant product has become stiff and has lost its capacity to expand and contract. Inspection of the terminal apron reveals large areas of joint failure. In addition, there are portions of sealant missing entirely in certain locations. This is caused by snowplows hooking the sealant product and ripping it out of the joints. In some areas, patching of spalled concrete edges is required prior to filling the joints with sealant. The sealant product is ten to thirteen years old in the areas being replaced, which is well beyond the useful life expectancy.

This project is part of a program to replace the joint sealant product on the entire terminal apron. The initial phase was conducted in 2002 and included the pavement around the E Concourse. The 2004 phase will begin on the pavement between the E Concourse and D Concourse and will include the pavement on the south and east sides of D Concourse. The project requires coordination with the Airlines in order to free up the apron area requiring joint seal replacement. It is anticipated that with construction taking place on the D Concourse, it would be a good year to also work on the apron. Out-year costs of $650,000 each year in 2005 and 2006 are anticipated for continued apron joint repair work. The total estimated cost of the project is $2,642,000.

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

**Staffing Plan**

Department of Parks and Public Infrastructure (formerly Department of Public Works) staff will be used for overall project management. The project manager will be Paul Montalto. Specialized consultants are used for some components of basic planning and construction management as needed. County staff is used for construction inspection.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | | 4789-2004 |
|---|---|---|---|
| WA034 | GMIA - Electrical System Upgade | | |
| Requesting Department or Agency | | Functional Group | |
| Airport | | Transportation | |
| Department Priority | Person Completing Form | Date | |
| 4 | Ken Vick | September 15, 2003 | |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $500,000 | | | | $500,000 |
| 2003 | | | | | $0 |
| 2004 | $2,500,000 | $1,875,000 | $312,500 | | $312,500 |
| 2005 | $1,652,000 | $1,239,000 | $206,500 | | $206,500 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $4,652,000 | $3,114,000 | $519,000 | $0 | $1,019,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $77,000 | $428,000 | $282,000 | $787,000 |
| Construction & Implementation | $417,000 | $2,072,000 | $1,370,000 | $3,859,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | $6,000 | | | $6,000 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $41,000 | $170,000 | | $211,000 |
| DPW Charges | $36,000 | $258,000 | $282,000 | $576,000 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | $6,000 | | | $6,000 |
| Buildings/Structures | $417,000 | $1,128,000 | | $1,545,000 |
| Land/Land Improvements | | $380,000 | $1,370,000 | $1,750,000 |
| Roadway Plng & Construction | | $564,000 | | $564,000 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $500,000 | $2,500,000 | $1,652,000 | $4,652,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $2,187,500 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | $312,500 |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $2,500,000 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Mead & Hunt | Tim Kipp | 30 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $500,000 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | ($24,367) |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $0 |
| Change in Annual Costs | ($24,367) |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | ($24,367) |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 02/04 |
| Complete Final Plans & Specifications | 05/04 |
| Begin Construction | 06/04 |
| Complete Construction | 12/05 |
| Scheduled Project Closeout | 04/06 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WA034 – Electrical System Upgrade**

An appropriation of $2,500,000 is budgeted for relocating the regulator room and installing duct banks to allow for the separation of airfield lighting circuits in 2004. This electrical system upgrade project is eligible for Passenger Facility Charge (PFC) financing. The project is also Airport Improvement Program (AIP) eligible and both discretionary and entitlement funding will be sought to the maximum amount possible with PFC financing being utilized for the balance. Financing will be provided from $2,187,500 in Federal AIP revenue and $312,500 in PFC funding.

The final report from the electrical master study has recommended that a backbone duct bank system be installed to alleviate severe congestion in the existing airfield lighting conduits. It was recommended that an independent duct package be constructed adjacent to Runway 1L/19R and 7R/25L with smaller conduits jutting out from the main trunk line to supply power to all runways and taxiways. The report also recommends that the regulator room, now located in the Concourse D hammerhead, be moved across the Airport to a centralized location adjacent to the intersection of 1L/19R and 7R/25L in the area near the firehouse building.

The present regulator room does not allow for needed expansion. Additionally, the enlargement of the main duct package would be expensive and disruptive to Airport operations because of the location under the busy terminal apron. The final siting of the regulator room will be part of the design. The master plan has recommended a one-story, 36-foot by 71-foot, stand-alone structure. Dual lighting operations will have to be performed from the D hammerhead and the new regulator room until all of the duct bank is in place and the complete conversion can be facilitated. The electric company will upgrade the power grid to provide two separate feeds to meet Federal Aviation Administration (FAA) requirements for reliability.

This project is a multi-year electrical improvement recommended by the study and will require an amendment to the PFC application to include the new regulator room and adjust estimated costs. The consultants recommend that, in the initial phase, the regulator room be constructed along with duct packages that will allow connection and separation of lighting circuits to Runways 1L/19R and 7R/25L. A sum of $500,000 was budgeted for installing duct bank in 2002. The 2004 request is budgeted at $2,500,000. The final phase of duct bank installation for $1,652,000 is anticipated in 2005. The total cost of the project is $4,652,000.

The PFC application for this project has been approved. This appropriation request anticipates an amendment to the PFC application to adjust the funding amount. Submittal of the amendment to the FAA is anticipated by the end of September 2003. Approval is expected by the end of 2003.

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

**Staffing Plan**

Department of Parks and Public Infrastructure (formerly Department of Public Works) staff will be used for overall project management. The project manager will be Tim Kipp. Specialized consultants are used for some components of basic planning and construction management as needed. County staff will be utilized for construction inspection.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WA051 | GMIA- Bus/ Limousine Queing Area | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Airport | Transportation |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 6 | Ken Vick | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | | | | | $0 |
| 2004 | $350,000 | | | | $350,000 |
| 2005 | | | | | $0 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $350,000 | $0 | $0 | $0 | $350,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | $58,000 | | $58,000 |
| Construction & Implementation | | $292,000 | | $292,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | $7,000 | | $7,000 |
| DPW Charges | | $51,000 | | $51,000 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | $292,000 | | $292,000 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $0 | $350,000 | $0 | $350,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $350,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $350,000 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Tim Kipp | Ken Vick | 15 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $3,867 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $9,256 |
| Change in Annual Costs | $13,123 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $13,123 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 2/04 |
| Complete Final Plans & Specifications | 3/04 |
| Begin Construction | 5/04 |
| Complete Construction | 7/04 |
| Scheduled Project Closeout | 10/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WA051 - GMIA Bus/Limousine Queuing Area**

An appropriation of $350,000 is budgeted for reconstructing the Bus/Limousine Queuing Area. Financing will be provided by general airport revenue bonds.

The bus/limousine queuing area, constructed in 2001 as part of the parking structure expansion project, has functioned well. The dedicated parking area has alleviated congestion along the front baggage roadway and has promoted an orderly traffic pattern. The recently constructed asphalt roadway that serves the assembly area is in good condition, however this is not the case for the designated hold area. The hold area was not rebuilt under the parking structure project. The original asphalt parking lot was reconfigured with fencing to create the bus/limousine queuing area. Severe asphalt deterioration has occurred due to the concentrated weight of the buses and the maneuvering of the buses. In the summer of 2002, several hasty asphalt repairs needed to be performed to ensure that the area could support bus traffic on a temporary basis. Passenger safety is also of concern when off-loading occurs in this area.

A soft sub-base promotes pavement failure of this type. The project would entail a total replacement of the failed asphalt sections with four inches of stone and twelve inches of portland cement concrete to guarantee the long-term function of the area. To provide for proper drainage of the area, six-inch drain tile will be installed in the base material. Re-striping of the new pavement will also be included. Existing fence and signage will be reused.

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

**Staffing Plan**

Department of Parks and Public Infrastructure (formerly Department of Public Works) staff will be used for overall project management. The project manager will be Jim Zsebe. Specialized consultants may be used for some components of basic planning and construction management as needed.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WA060 | GMIA - Rebuild Taxiway B East of Taxiway R | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Airport | Transportation |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 5 | Ken Vick | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | | | | | $0 |
| 2004 | $430,000 | $322,500 | $53,750 | | $53,750 |
| 2005 | | | | | $0 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $430,000 | $322,500 | $53,750 | $0 | $53,750 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | $72,000 | | $72,000 |
| Construction & Implementation | | $358,000 | | $358,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | $10,000 | | $10,000 |
| DPW Charges | | $62,000 | | $62,000 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | $358,000 | | $358,000 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $0 | $430,000 | $0 | $430,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $376,250 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | $53,750 |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $430,000 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| Tim Kipp | Ken Vick |

| Project Useful Life (Years) | 40 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | ($7,606) |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $0 |
| Change in Annual Costs | ($7,606) |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | ($7,606) |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 02/04 |
| Complete Final Plans & Specifications | 03/04 |
| Begin Construction | 05/04 |
| Complete Construction | 08/04 |
| Scheduled Project Closeout | 11/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WA060 - GMIA Rebuild Taxiway B East Of Taxiway R**

An appropriation of $430,000 is budgeted for rebuilding Taxiway B east of Taxiway R in 2004. The Taxiway B project is Passenger Facility Charge (PFC) financing eligible. The $430,000 is also Airport Improvement Program (AIP) eligible and both discretionary and entitlement funding will be sought to the maximum amount possible with PFC financing being utilized for the balance. Financing will be provided from $376,250 in Federal AIP revenue and $53,750 in PFC funding.

The rehabilitation of Taxiway B east of Taxiway R entails replacing the last 300 feet of Taxiway B prior to Taxiway R. This pavement was not replaced under the previous Taxiway B project budgeted in 2001 because the Pavement Condition Index (PCI) showed the taxiway to be in better condition than the balance of the taxiway. This section is part of the original outer circular and has now become known as the inner circular taxiway due to terminal apron expansion. It was originally constructed in 1947 and was rebuilt in 1978. Because of its location it has received a heavy amount of traffic over the last 25 years. From recent inspections the pavement has deteriorated quicker than indicated in the pavement management program and is in need of replacement. The pavement will be replaced with 18 inches of concrete on a six-inch econocrete base.

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

**Staffing Plan**

Department of Parks and Public Infrastructure (formerly Department of Public Works) staff will be used for overall project management. The project manager will be Jim Zsebe. Specialized consultants are used for some components of basic planning and construction management as needed. County staff is used for construction inspection.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WA061 | GMIA - E Concourse Stem Remodeling - Design | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Airport | Transportation |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 7 | Ken Vick | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | | | | | $0 |
| 2004 | $135,000 | | | | $135,000 |
| 2005 | $990,000 | | | | $990,000 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $1,125,000 | $0 | $0 | $0 | $1,125,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | $135,000 | $90,000 | $225,000 |
| Construction & Implementation | | | $900,000 | $900,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | $106,000 | $0 | $106,000 |
| DPW Charges | | $29,000 | $90,000 | $119,000 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | $900,000 | $900,000 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $0 | $135,000 | $990,000 | $1,125,000 |

## Budget Year Financing

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

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| Ken Vick | John Bunn |

| Project Useful Life (Years) | 15 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $51,133 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $29,753 |
| Change in Annual Costs | $80,886 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $80,886 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 05/04 |
| Complete Final Plans & Specifications | 10/04 |
| Begin Construction | 04/05 |
| Complete Construction | 10/05 |
| Scheduled Project Closeout | 03/06 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WA061 - GMIA E Concourse Stem Remodeling-Design**

An appropriation of $135,000 is budgeted for the design of the E Concourse Stem remodeling. Financing will be provided by general airport revenue bonds.

The E Concourse Stem Remodeling Project entails a cosmetic remodeling of the E Concourse and may include new flooring materials, wall coverings, lighting and ceiling treatments. The major set of restrooms were remodeled recently. One additional set of restrooms was last remodeled in 1987 and will need to be reviewed for complying with the Americans with Disabilities Act (ADA) requirements. Additionally, the exterior brick façade will be evaluated for tuckpointing. Caulking of joints and windows will be accomplished to provide a weather tight envelope. Concourses C and D are being upgraded under separate projects. The remodeling, when complete, will finalize the upgrades to the concourses. A consultant will be selected to perform the design in 2004 with the construction taking place in 2005. The project is being budgeted for $135,000 in 2004 and $990,000 in 2005. The total estimated cost of the project is $1,125,000.

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

**Staffing Plan**

Department of Parks and Public Infrastructure (formerly Department of Public Works) staff will be used for overall project management. The project manager will be Edward Baisch. Specialized consultants may be used for some components of basic planning and construction management as needed.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WA308 | GMIA -Phase I Mitigation Program | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Airport | Transportation |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 1 | Ken Vick | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $52,288,300 | $29,341,600 | $3,667,700 | | $19,279,000 |
| 2003 | $13,892,958 | $11,114,366 | $1,389,296 | | $1,389,296 |
| 2004 | $9,375,000 | $7,500,000 | $937,500 | | $937,500 |
| 2005 | | | | | $0 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $75,556,258 | $47,955,966 | $5,994,496 | $0 | $21,605,796 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $12,172,830 | $1,875,000 | | $14,047,830 |
| Construction & Implementation | $53,879,628 | $7,500,000 | | $61,379,628 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | $128,800 | | | $128,800 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $11,878,230 | $1,620,000 | | $13,498,230 |
| DPW Charges | $423,400 | $255,000 | | $678,400 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | $53,879,628 | $7,500,000 | | $61,379,628 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $66,181,258 | $9,375,000 | $0 | $75,556,258 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $8,437,500 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | $937,500 |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $9,375,000 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Terrell, Hundley & Carroll | Ken Vick | 20 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $32,446,098 |
| 2002 Expenditures | $10,712,213 |
| 2003 Expenditures | $7,023,688 |
| Total Expenditures to Date | $50,181,999 |
| Encumbrances | $6,499,788 |
| **Available Balance** | $9,499,471 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $2,160,580 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $112,686 |
| Change in Annual Costs | $2,273,266 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $2,273,266 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 2/04 |
| Complete Final Plans & Specifications | 3/04 |
| Begin Construction | 4/04 |
| Complete Construction | 12/04 |
| Scheduled Project Closeout | 1/05 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WA308 - GMIA Phase I Mitigation Program**

An appropriation of $9,375,000 is budgeted to complete the Phase I Mitigation program to assist with Airport noise mitigation. This project anticipates the receipt of $7.5 million in Federal Airport Improvement Project (AIP) Noise Discretionary funding, $937,500 in State of Wisconsin funding, and the use of $937,500 in Passenger Facility Charge (PFC) funding.

The General Mitchell International Airport (GMIA) Part 150 Noise Compatibility study recommended a noise mitigation program offering sound insulation to approximately 1,761 homes (Phase I). The Phase I Mitigation program also included sound insulation for a total of 41 multi-family dwellings.

The mitigation program provides appreciably lower interior noise levels inside these noise sensitive residences and multi-family units. The program includes the installation of attic insulation, the replacement of acoustical windows and doors and, if required, associated heating, ventilation and air conditioning (HVAC) and electrical work. In return for these improvements, the Airport receives an navigation easement over the sound insulated property.

The residences and multi-family units identified to be sound insulated are the most severely impacted. Sleeping, phone conversations and other daily activities are impaired when interrupted by aircraft overflight noise. The program has demonstrated the ability to dramatically reduce or eliminate these interruptions.

The current estimated per dwelling unit cost for the multi-family units is $20,000 (construction and project administration). There are 37 parcels that presently qualify for mitigation with a total of 456 dwelling units. The work budgeted for 2004 will mitigate all of the 456 dwelling units.

All of the homes in the Phase I Mitigation have been programmed for completion with funding from 2003 and prior years, including $6,332,405 of surplus School/Church Sound Insulation Project funding. Several of the schools and churches originally scheduled to receive noise insulation had fallen from the program and the grant funds became surplus. Because of this change, in 2003, unused funds from prior year School/Church Sound Insulation projects were transferred to complete the sound insulation of single-family homes in the Phase I Mitigation project.

Federal grant funding of $7,500,000 for fiscal 2004 will be utilized for the mitigation of multi-family buildings in the Phase I Mitigation project. With local share PFC funding of $937,500 and State match grant funding of $937,500, the 2004 appropriation of $9,375,000 will complete the mitigation of these multi-family units.

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

**Staffing Plan**

Department of Parks and Public Infrastructure (formerly Department of Public Works) staff will be used for overall project management. The project manager will be Thomas Kenney. Specialized consultants are used for some components of basic planning and construction management as needed. County staff is used for construction inspection. Department of Audit Staff will provide auditing services for this project and other Homeowner's Protection Program (HOPP) projects.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS

## SECTION 2
## HIGHWAYS AND BRIDGES

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WH010 | County Highway Action Program | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Department of Public Works - Transportation Divison | Transportation |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 8 | Benedict C. Eruchalu / Joan L. Vitense | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | $440,000 | $176,000 | | $132,000 | $132,000 |
| 2004 | $155,000 | | | $155,000 | $0 |
| 2005 | $2,087,500 | $1,182,000 | | $610,000 | $295,500 |
| 2006 | $1,787,500 | $1,022,000 | | $510,000 | $255,500 |
| 2007 | $1,550,000 | $556,025 | $558,975 | $125,000 | $310,000 |
| 2008 | $1,400,000 | $421,025 | $558,975 | $140,000 | $280,000 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $7,420,000 | $3,357,050 | $1,117,950 | $1,672,000 | $1,273,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $440,000 | $155,000 | $550,000 | $1,145,000 |
| Construction & Implementation | | | $5,975,000 | $5,975,000 |
| Right-of-Way Acquisition | | | $300,000 | $300,000 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | | | $0 |
| DPW Charges | $440,000 | $155,000 | $550,000 | $1,145,000 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | | $300,000 | $300,000 |
| Roadway Plng & Construction | | | $5,975,000 | $5,975,000 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $440,000 | $155,000 | $6,825,000 | $7,420,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $155,000 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $155,000 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Benedict C. Eruchalu | Fred V. Abadi | 25 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $440,000 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $50,920 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $33,667 |
| Change in Annual Costs | $84,587 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $84,587 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | Nov 2005 |
| Complete Preliminary Plans | Nov 2004 |
| Complete Final Plans & Specifications | Nov 2005 |
| Begin Construction | Apr 2006 |
| Complete Construction | Dec 2007 |
| Scheduled Project Closeout | Dec 2007 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

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

An appropriation of $155,000 is budgeted for the County Highway Action Program. This program will be financed by $155,000 in local revenue.

**WH01007 - Preliminary Engineering - CTH "V" – South 13th Street (West Rawson Avenue to West College Avenue)**

A portion of this roadway is under the jurisdiction of Milwaukee County within the City of Oak Creek and the other portion is under the jurisdiction of the City of Milwaukee. The City of Milwaukee section is not considered a County Trunk Highway and therefore, the City of Milwaukee will be financing 100 percent of its costs. The County will manage both sections of the roadway reconstruction project which, when completed, will be a four-lane, undivided road.

The 2003 Adopted Capital Improvements Budget included an appropriation of $440,000 for the preliminary engineering phase of the Oak Creek portion of the road.

The 2004 request is for the balance of the preliminary engineering phase, which will be financed by the City of Milwaukee out of their general fund and Federal Surface Transportation Program – Urban (STP-U).

The following illustrates the budgeted amount for the sub-project and the local commitment for the 2004 phase:

| Subproject | Project Description | Budget | Status | County Share | Local Share |
|---|---|---|---|---|---|
| WH010071 | Preliminary Engineering CTH "V" – South 13th Street West Rawson Avenue to West College Avenue | $155,000 | Phase One | $0 | $155,000 |

The Department of Parks and Public Infrastructure (formerly Department of Public Works) has an approved State/municipal project agreement and an approved local government project agreement. For the section within the City of Milwaukee, 80 percent will be financed by City of Milwaukee Federal STP entitlement and 20 percent from their local funding sources. For the section of the roadway in the City of Oak Creek, 30 percent will be financed by the City of Oak Creek and 70 percent by Milwaukee County. The City of Oak Creek's 30 percent share is derived from their STP-U entitlement. The County's 70 percent share is comprised of CHIP funds and general obligation bonds. The funding application is currently being reviewed by the State, and Department of Parks and Public Infrastructure should be notified by September of 2003 as to the status. After the engineering phase is completed, construction will begin in 2005.

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

**Staffing Plan**

Department of Parks and Public Infrastructure will perform project management. The project manager will be Benedict C. Eruchalu. Specialized consultants may be used for some components of the basic planning & design, and construction management phases of the projects, as needed. Specialized consultants may be retained for, but not limited to, archeological surveys, soil investigations, material testing, environmental testing, design services, construction surveying, construction inspection, construction management, etc., as required to complete the planning, design, acquisition and construction phases of the project.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | | 4789-2004 |
|---|---|---|---|
| WH030 | Bridge Replacement Program | | |
| Requesting Department or Agency | | Functional Group | |
| Department of Public Works - Transportation Divison | | Transportation | |
| Department Priority | Person Completing Form | | Date |
| 5 | Benedict C. Eruchalu / Joan L. Vitense | | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $420,000 | $315,000 | | | $105,000 |
| 2003 | | | | | $0 |
| 2004 | $871,800 | $697,440 | | | $174,360 |
| 2005 | $1,979,600 | $1,583,680 | | | $395,920 |
| 2006 | $2,114,000 | $1,691,200 | | | $422,800 |
| 2007 | $2,496,000 | $1,998,800 | | | $497,200 |
| 2008 | $511,000 | $408,800 | | | $102,200 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $8,392,400 | $6,694,920 | $0 | $0 | $1,697,480 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $420,000 | $120,000 | $853,000 | $1,393,000 |
| Construction & Implementation | | $751,800 | $6,247,600 | $6,999,400 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $293,000 | | | $293,000 |
| DPW Charges | $127,000 | $120,000 | $853,000 | $1,100,000 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | $751,800 | $6,247,600 | $6,999,400 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $420,000 | $871,800 | $7,100,600 | $8,392,400 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $697,440 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $174,360 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $871,800 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| Benedict C. Eruchalu | Fred V. Abadi |

Project Useful Life (Years) 50

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $54,735 |
| 2003 Expenditures | $134,672 |
| Total Expenditures to Date | $189,407 |
| Encumbrances | $81,517 |
| **Available Balance** | $149,076 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $33,950 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $44,893 |
| Change in Annual Costs | $78,843 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $78,843 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | N/A |
| Complete Preliminary Plans | Jun 2004 |
| Complete Final Plans & Specifications | Nov 2004 |
| Begin Construction | Apr 2005 |
| Complete Construction | Nov 2005 |
| Scheduled Project Closeout | Dec 2006 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WH030 – 2004 Bridge Replacement Program**

An appropriation of $871,800 is budgeted for this project to be financed by $697,440 in Federal revenue and $174,360 in general obligation bonds.

The County has been efficiently and responsibly replacing bridges with known deficiencies and safety concerns under this program. All of the projects under this program qualify for 80 percent Federal and State funding. The projects listed below have been approved for Federal funding by the Wisconsin Department of Transportation (WisDOT) and are included in County Board Resolution File No. 97-312, File No. 99-305, and File No. 01-556 as priority bridge projects.

If the projects are not undertaken in the near future, the condition of the deteriorated deck may worsen and continue to damage supporting structural elements that may eventually lead to a bridge load limit posting or closure and increased County liability. County projects may also be delayed if unused funding under the Local Bridge Program is reassigned to other municipalities. Should this happen, the County could end up funding these projects with 100 percent County money. Eligible projects under the Local Bridge Program, which provides 80 percent State and Federal funding, must have sufficiency ratings of 50 or less to be considered for structural replacement or a sufficiency rating of 80 or less to be considered for structural rehabilitation.

**WH030032 - Milwaukee River Parkway Bridge #647 over the Milwaukee River (City of Glendale)**

An appropriation of $751,800 is budgeted for this project to be financed by $601,440 in Federal revenue and $150,360 in general obligation bonds.

The construction cost for this project is estimated at $1,477,800 which will be budgeted over 2004 and 2005 to maintain an appropriate level of cash flow. A contract for the entire phase will be executed by the State in the summer of 2004 so that work can proceed. An appropriation of $726,000 will need to be included in a future capital improvements budget to address the remaining cash needs of the construction phase of this project. As such, approval of this appropriation is considered a commitment to completing the financing of the construction phase of the project in future years based on cash flow budgeting.

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

The condition of the bridge is beyond normal maintenance or repair means and requires replacement. The sufficiency number for this structure is 36.7, which qualifies for 80 percent Federal and State funding under the Local Bridge Program.

**WH030051: West College Avenue – Whitnall Park Bridge #562**

An appropriation of $120,000 is budgeted for the design phase of this project and is financed by $96,000 in Federal revenue and $24,000 in general obligation bonds.

West College Avenue – Whitnall Park Bridge #562 State identification is P-40-0562, County Bridge No. 57. It carries West College Avenue (extended) over the Root River in Whitnall Park. It is located approximately 1.1 miles

**WH030 – 2004 Bridge Replacement Program (Contd.)**

west of County Trunk Highway (CTH) U or South 76th Street. The existing bridge was constructed in 1939 and is a single-span concrete deck girder bridge. The structure is badly deteriorated and the concrete and stone facing are cracked and spalled. The railing is substandard and deteriorated.

The condition of the existing bridge is beyond normal maintenance or repair means and requires replacement. The sufficiency number for this structure is 50.6, which will qualify it for 80 percent Federal and State funding under the Local Bridge Program.

**Staffing Plan**

Overall, County staff will perform project management. The project manager will be Benedict C. Eruchalu. Specialized consultants may be used for some components of the basic planning & design, and construction management phase of the project, as needed. Specialized consultants may be retained for archeological surveys, soil investigations, material testing, environmental testing, design services, construction surveying, construction inspection, construction management, etc., and as required, to complete the planning, design, and construction phases of the project.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | | 4789-2004 |
|---|---|---|---|
| WH060 | Transportation Division Project Management | | |
| Requesting Department or Agency | | Functional Group | |
| Department of Public Works - Transportation Divison | | Transportation | |
| Department Priority | Person Completing Form | | Date |
| 2 | Frank J. Pritzlaff | | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | | | | | $0 |
| 2004 | $100,000 | | | | $100,000 |
| 2005 | $100,000 | | | | $100,000 |
| 2006 | $100,000 | | | | $100,000 |
| 2007 | $100,000 | | | | $100,000 |
| 2008 | $100,000 | | | | $100,000 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $500,000 | $0 | $0 | $0 | $500,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | $100,000 | $400,000 | $500,000 |
| Construction & Implementation | | | | $0 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | | | $0 |
| DPW Charges | | $100,000 | $400,000 | $500,000 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $0 | $100,000 | $400,000 | $500,000 |

## Budget Year Financing

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

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Frank J. Pritzlaff | Fred V. Abadi | 10 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $50,000 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $13,224 |
| Change in Annual Costs | $63,224 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $63,224 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | N/A |
| Complete Preliminary Plans | N/A |
| Complete Final Plans & Specifications | N/A |
| Begin Construction | N/A |
| Complete Construction | N/A |
| Scheduled Project Closeout | N/A |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WH060 - Transportation Division Project Management**

The appropriation of $100,000 is budgeted for the continuation of the pavement management program. This appropriation would be financed by sales tax revenue.

The appropriation would provide for the services of staff to survey, inspect and maintain a comprehensive pavement management database for the County Trunk Highway System. The program requires an annual expenditure of County staff hours to survey the pavement, update the pavement management database, plan and program future projects based on pavement conditions and report to the County Board on the overall condition of the County Trunk Highway system.

This project was formerly budgeted under WH20301 – Pavement Management Program. Current and future Transportation Division staffing costs associated with capital will now be consolidated into WH060 to enhance tracking.

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

**Staffing Plan**

Overall, staff from Transportation Services will perform project management. The project manager will be Frank Pritzlaff. Specialized consultants may be used for the analysis components of the pavement management program.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | | 4789-2004 |
|---|---|---|---|
| WH080 | Bridge Rehabilitation | | |
| Requesting Department or Agency | | Functional Group | |
| Department of Public Works - Transportation Divison | | Transportation | |
| Department Priority | Person Completing Form | Date | |
| | Frank J. Pritzlaff | September 15, 2003 | |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | | | | | $0 |
| 2004 | $457,000 | $365,600 | | | $91,400 |
| 2005 | $294,000 | $235,200 | | | $58,800 |
| 2006 | $2,499,000 | $1,999,200 | | | $499,800 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $3,250,000 | $2,600,000 | $0 | $0 | $650,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | $457,000 | $294,000 | $751,000 |
| Construction & Implementation | | | $2,499,000 | $2,499,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | | | $0 |
| DPW Charges | | $457,000 | $294,000 | $751,000 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | $2,499,000 | $2,499,000 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $0 | $457,000 | $2,793,000 | $3,250,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $365,600 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $91,400 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $457,000 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Frank J. Pritzlaff | Fred V. Abadi | 10 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $65,000 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $17,191 |
| Change in Annual Costs | $82,191 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $82,191 |

## Project Schedule

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

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WH080 – Bridge Rehabilitation Program**

An appropriation of $457,000 is budgeted for the design phase of this project to be financed by $365,600 in Federal revenue and $91,400 in general obligation bonds.

**WH080011 – South 76th Street Bridge over West Forest Home Avenue**

This structure, carrying South 76th Street (CTH "U") over West Forest Home Avenue, STH 24 is identified by the State as Structure B-40-0164. It is County structure number eight. It is a four-span steel girder bridge that was constructed in 1963. The bridge is located approximately 0.2 mile north of the intersection of Layton Avenue in the City of Greenfield.

The existing bridge is in very poor condition, the paint system and steel girders are deteriorating. The concrete deck and parapets are cracked and spalled. The condition of the bridge, with a sufficiency rating of 59.9, is beyond normal repair or maintenance and requires rehabilitation. Eligible projects under the Local Bridge Program, which provides 80 percent State and Federal funding, must have sufficiency ratings of 50 or less to be considered for structural replacement or a sufficiency rating of 80 or less to be considered for structural rehabilitation.

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

**Staffing Plan**

Overall County staff will perform project management. The project manager will be Benedict C. Eruchalu. Specialized consultants may be used for some components of the basic planning and design. Specialized consultants may be retained for archeological surveys, soil investigations, material testing, environmental testing, design services, etc., and as required, to complete the planning and design phases of the project.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WH082 | National Highway System | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Department of Public Works - Transportation Divison | Transportation |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 7 | Benedict C. Eruchalu / Joan L. Vitense | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $22,796,100 | $16,356,000 | $1,325,550 | $2,215,601 | $2,898,949 |
| 2003 | $450,000 | $180,000 | | $135,000 | $135,000 |
| 2004 | $210,000 | $210,000 | | | $0 |
| 2005 | $2,358,600 | $1,732,780 | | $60,000 | $565,820 |
| 2006 | | | | | $0 |
| 2007 | $10,548,400 | $7,144,720 | | $1,380,000 | $2,023,680 |
| 2008 | $4,500,000 | $2,382,000 | | $1,050,000 | $1,068,000 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $40,863,100 | $28,005,500 | $1,325,550 | $4,840,601 | $6,691,449 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $3,655,000 | $210,000 | $247,000 | $4,112,000 |
| Construction & Implementation | $17,291,100 | | $16,960,000 | $34,251,100 |
| Right-of-Way Acquisition | $2,300,000 | | $200,000 | $2,500,000 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $1,800,000 | | | $1,800,000 |
| DPW Charges | $2,193,130 | $210,000 | $247,000 | $2,650,130 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | $2,300,000 | | $200,000 | $2,500,000 |
| Roadway Plng & Construction | $16,952,970 | | $16,960,000 | $33,912,970 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $23,246,100 | $210,000 | $17,407,000 | $40,863,100 |

## Budget Year Financing

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

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Benedict C. Eruchalu | Fred V. Abadi | 25 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $19,685,250 |
| 2002 Expenditures | $1,309,534 |
| 2003 Expenditures | $265,801 |
| Total Expenditures to Date | $21,260,585 |
| Encumbrances | $162,432 |
| **Available Balance** | $1,823,083 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $267,658 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $176,970 |
| Change in Annual Costs | $444,628 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $444,628 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | N/A |
| Complete Preliminary Plans | Nov 2004 |
| Complete Final Plans & Specifications | Nov 2005 |
| Begin Construction | Apr 2006 |
| Complete Construction | Nov 2007 |
| Scheduled Project Closeout | Dec 2008 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WH082 – National Highway System (NHS)**

An appropriation of $210,000 is budgeted for the engineering of Rawson Avenue between Ash Street and South 27th Street in Oak Creek. This project will be financed by $210,000 in Federal revenue.

This segment of County highway is showing signs of pavement distress which, if not addressed in a timely fashion, will require major reconstruction over the long term.

Surface Transportation Program – Urban (STP-U) is the Federal funding source.

**WH08203 – CTH "BB" West Rawson Avenue (Ash Street to South 27th Street)**

| | | Total | Federal | State | County | Local |
|---|---|---|---|---|---|---|
| Engineering: | 2003 | $ 450,000 | $ 180,000 | - | $ 135,000 | $135,000 |
| | 2004 | $ 210,000 | $ 210,000 | - | - | - |
| Construction: | 2005 | $1,911,600 | $1,529,280 | - | $ 382,320 | - |
| | 2007 | $2,948,400 | $2,358,720 | - | $ 589,680 | - |
| | Grand Total | $5,520,000 | $4,278,000 | - | $1,107,000 | $135,000 |

There is no National Highway System (NHS) funding available for the construction phase of this project at this time. Transportation Services is continuing to work with the State and Southeastern Wisconsin Regional Planning Commission (SEWRPC) on capturing NHS funding for this project.

Currently, the County has committed its STP-U entitlement to other projects so the City of Oak Creek is using its available entitlement to fund this project. Oak Creek is contributing 10 percent of the cost of this project out of this available entitlement which is reflected in the Federal share instead of the local share.

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

**Staffing Plan**

Overall, staff from the Department of Parks and Public Infrastructure (formerly Department of Public Works) will perform project management. The project manager will be Benedict C. Eruchalu. Consultants may be used for some components of the basic planning & design, and construction management phases of the projects, as needed. Specialized consultants may be retained for: soils investigations, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required to complete the construction phases of the project.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WH201 | County Highway Action Program | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Department of Public Works - Transportation Divison | Transportation |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 1 | Benedict C. Eruchalu / Joan L. Vitense | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $46,412,919 | $14,682,401 | $3,940,991 | $9,483,122 | $18,306,405 |
| 2003 | $2,230,000 | $1,784,000 | | $223,000 | $223,000 |
| 2004 | $2,149,572 | $1,719,658 | | $214,957 | $214,957 |
| 2005 | $3,500,000 | $2,800,000 | | $350,000 | $350,000 |
| 2006 | | | | | $0 |
| 2007 | $457,500 | $91,500 | $137,250 | | $228,750 |
| 2008 | $3,050,000 | $1,220,000 | | $915,000 | $915,000 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $57,799,991 | $22,297,559 | $4,078,241 | $11,186,079 | $20,238,112 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $2,762,839 | $173,720 | $457,500 | $3,394,059 |
| Construction & Implementation | $16,237,708 | $969,137 | $6,550,000 | $23,756,845 |
| Right-of-Way Acquisition | $396,126 | $1,006,715 | | $1,402,841 |
| Equipment | $149,150 | | | $149,150 |
| Other | $29,097,096 | | | $29,097,096 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $3,762,060 | | | $3,762,060 |
| DPW Charges | $2,808,464 | $173,720 | $457,500 | $3,439,684 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | $319,374 | $1,006,715 | | $1,326,089 |
| Roadway Plng & Construction | $16,942,765 | $969,137 | $6,550,000 | $24,461,902 |
| Equipment & Furnishings | $149,150 | | | $149,150 |
| Other Expenses | $24,661,106 | | | $24,661,106 |
| **Total Project Cost** | $48,642,919 | $2,149,572 | $7,007,500 | $57,799,991 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $1,934,615 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $214,957 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $2,149,572 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Benedict C. Eruchalu | Fred V. Abadi | 25 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $43,139,356 |
| 2002 Expenditures | $1,376,748 |
| 2003 Expenditures | $248,641 |
| Total Expenditures to Date | $44,764,746 |
| Encumbrances | $135,972 |
| **Available Balance** | $3,742,201 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $809,524 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $527,266 |
| Change in Annual Costs | $1,336,791 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $1,336,791 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | Jan 2004 |
| Complete Preliminary Plans | N/A |
| Complete Final Plans & Specifications | Jan 2004 |
| Begin Construction | Mar 2004 |
| Complete Construction | Nov 2004 |
| Scheduled Project Closeout | Dec 2006 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WH201 – County Highway Action Program (CHAP)**

An appropriation of $2,149,572 is budgeted for the County Highway Action Program. This program will be financed by $1,719,658 in Federal reimbursement, $214,957 in local revenue and $214,957 in general obligation bonds.

**County Highway Action Program:**

The project below is currently underway. Additional appropriations have been budgeted to complete the project.

Surface Transportation Program – Urban (STP-U) is the Federal funding source. The STP-U funding will consist of an 80 percent Federal and 20 percent local match. Consistent with the County's cost share policy, the 20 percent local match for project WH201 – CTH "W" North Port Washington Road (Good Hope Road to Laramie Road) shown below is split evenly by the County and the municipalities.

**WH20113 – CTH "W" – North Port Washington Road (Good Hope Road to Laramie Road)**

This funding of $2,149,572 will cover the design, right-of-way and construction of phase one of the project. Three communities, the Village of Bayside, City of Glendale and Village of Fox Point, will be contributing a pro-rated share of the local funding, which will not exceed ten percent of the eligible project cost.

| | | Total | Federal | County | Local |
|---|---|---|---|---|---|
| Engineering: | 2000 | $ 600,000 | $ 472,000 | $ 68,000 | $ 60,000 |
| | 2004 | $ 173,720 | $ 138,976 | $ 17,372 | $ 17,372 |
| Right-of-Way | 2001 | $ 250,000 | $ 200,000 | $ 25,000 | $ 25,000 |
| | 2004 | $1,006,715 | $ 805,372 | $100,671 | $100,672 |
| Construction: | 2003 | $2,230,000 | $1,784,000 | $223,000 | $223,000 |
| | 2004 | $ 969,137 | $ 775,310 | $ 96,914 | $ 96,913 |
| | 2005 | $3,500,000 | $2,800,000 | $350,000 | $350,000 |
| | Grand Total | $8,729,572 | $6,975,658 | $880,957 | $872,957 |

The remaining construction cost for this project is estimated at $5,649,572 which will be budgeted over 2004 and 2005 to maintain an appropriate level of cash flow. An appropriation of $3,500,000 will need to be included in a future capital improvements budget to address the remaining cash needs of the construction phase of this project. As such, approval of this appropriation is considered a commitment to completing the financing of the construction phase of the project in future years based on cash flow budgeting.

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

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WH201 – County Highway Action Program (CHAP) (Contd.)**

**Staffing Plan**

Overall, staff from the Department of Parks and Public Infrastructure (formerly Department of Public Works) will perform project management. The project manager will be Benedict C. Eruchalu. Consultants may be used for some components of the construction management phases of the projects, as needed. Specialized consultants may be retained for: soil investigations, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required to complete the construction phases of the project.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WH205 | Bridge Replacement Program | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Department of Public Works - Transportation Divison | Transportation |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 3 | Benedict C. Eruchalu / Joan L. Vitense | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $17,825,128 | $13,973,592 | | $408,669 | $3,442,867 |
| 2003 | | | | | $0 |
| 2004 | $1,270,000 | $1,016,000 | | | $254,000 |
| 2005 | | | | | $0 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $19,095,128 | $14,989,592 | $0 | $408,669 | $3,696,867 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $2,593,749 | | | $2,593,749 |
| Construction & Implementation | $15,020,616 | $1,270,000 | | $16,290,616 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | $210,763 | | | $210,763 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $530,000 | | | $530,000 |
| DPW Charges | $2,103,749 | | | $2,103,749 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | $210,763 | | | $210,763 |
| Roadway Plng & Construction | $14,980,616 | $1,270,000 | | $16,250,616 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $17,825,128 | $1,270,000 | $0 | $19,095,128 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $1,016,000 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $254,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $1,270,000 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Benedict C. Eruchalu | Fred V. Abadi | 50 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $14,384,283 |
| 2002 Expenditures | $813,210 |
| 2003 Expenditures | $150,594 |
| Total Expenditures to Date | $15,348,087 |
| Encumbrances | $448,259 |
| **Available Balance** | $2,028,782 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $73,937 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $97,772 |
| Change in Annual Costs | $171,709 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $171,709 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | N/A |
| Complete Preliminary Plans | N/A |
| Complete Final Plans & Specifications | N/A |
| Begin Construction | Apr 2004 |
| Complete Construction | Nov 2004 |
| Scheduled Project Closeout | Dec 2005 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WH205 – Bridge Replacement Program**

An appropriation of $1,270,000 is budgeted for this project to be financed by $1,016,000 in Federal revenue and $254,000 in general obligation bonds.

The County has been efficiently and responsibly replacing bridges with known deficiencies and safety concerns under this program. All of the projects under this program qualify for 80 percent Federal and State funding. The projects listed below have been approved for Federal funding by the Wisconsin Department of Transportation (WisDOT) and are included in County Board Resolution File No. 97-312, File No. 99-305, and File No. 01-556 as priority bridge projects.

If the projects are not undertaken in the near future, the condition of the deteriorated deck may worsen and continue to damage supporting structural elements that may eventually lead to a bridge load limit posting or closure and increased County liability. County projects may also be delayed if unused funding under the Local Bridge Program is reassigned to other municipalities. Should this happen, the County could end up funding these projects with 100 percent County money. Eligible projects under the Local Bridge Program, which provides 80 percent State and Federal funding, must have sufficiency ratings of 50 or less to be considered for structural replacement or a sufficiency rating of 80 or less to be considered for structural rehabilitation.

**WH205152 - West Beloit Road (CTH "T") over the Root River (City of Greenfield)**

An appropriation of $1,270,000 is budgeted for the construction phase of this project to be financed by $1,016,000 in Federal revenue and $254,000 in general obligation bonds.

This bridge carries West Beloit Road (CTH "T") over the Root River and is located approximately 0.1 miles west of State Trunk Highway (STH) 100 in the City of Greenfield. The existing bridge is a single-span, reinforced concrete, rigid frame structure. The bridge is in poor condition having severely deteriorated and spalled concrete, exposed and corroded reinforcing steel bars, substandard railing, and it is classified as hydraulically inadequate.

The condition of the structure is such that it is beyond rehabilitation through normal maintenance or repair and requires replacement. The sufficiency number for this structure is 21.2, which qualifies it for 80 percent Federal and State funding under the Local Bridge Program.

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

**Staffing Plan**

Overall, County staff will perform project management. The project manager will be Benedict C. Eruchalu. Specialized consultants may be used for some components of the basic planning and design, and construction management phase of the project, as needed. Specialized consultants may be retained for: archeological surveys, soil investigations, material testing, environmental testing, design services, construction surveying, construction inspection, construction management, etc., as required, to complete the planning and design, and construction phases of the project.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WH226 | Bridge Rehabilitation Program | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Department of Public Works - Transportation Divison | Transportation |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 4 | Benedict C. Eruchalu / Joan L. Vitense | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $8,134,000 | $6,329,764 | | | $1,804,236 |
| 2003 | | | | | $0 |
| 2004 | $3,199,660 | $2,559,728 | | | $639,932 |
| 2005 | $3,164,660 | $2,531,728 | | | $632,932 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $14,498,320 | $11,421,220 | $0 | $0 | $3,077,100 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $1,584,000 | $457,000 | $294,000 | $2,335,000 |
| Construction & Implementation | $3,300,000 | $3,199,660 | $5,663,660 | $12,163,320 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $898,500 | | | $898,500 |
| DPW Charges | $885,500 | $457,000 | $294,000 | $1,636,500 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | $3,100,000 | $3,199,660 | $5,663,660 | $11,963,320 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $4,884,000 | $3,656,660 | $5,957,660 | $14,498,320 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $2,559,728 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $639,932 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $3,199,660 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| Benedict C. Eruchalu | Fred V. Abadi |

| Project Useful Life (Years) | 50 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $6,130,269 |
| 2002 Expenditures | $1,023,241 |
| 2003 Expenditures | $178,475 |
| Total Expenditures to Date | $7,331,985 |
| Encumbrances | $126,924 |
| **Available Balance** | $675,091 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $61,542 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $81,380 |
| Change in Annual Costs | $142,922 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $142,922 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | N/A |
| Complete Preliminary Plans | N/A |
| Complete Final Plans & Specifications | Various |
| Begin Construction | Various |
| Complete Construction | Various |
| Scheduled Project Closeout | Various |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WH226 – Bridge Rehabilitation Program**

An appropriation of $3,199,660 is budgeted for preliminary engineering and construction of bridges. The project is budgeted to be financed by $2,559,728 in Federal revenue and $639,932 in general obligation bonds.

The County has been pursuing upgrading and rehabilitation of County bridges to ensure public safety utilizing available Federal and State funds. The majority of the projects in this program qualify for 80 percent in Federal and State funds. Eligible projects under the Local Bridge Program, which provides 80 percent State and Federal funding, must have sufficiency ratings of 50 or less to be considered for structural replacement or a sufficiency rating of 80 or less to be considered for structural rehabilitation.

This particular project has received County Board approval and prioritization via County Board Resolution File No. 97-312, file No. 99-305, and File No. 01-556.

**WH226042 – West Hampton Avenue (CTH EE) – Union Pacific Railroad Bridges**

An appropriation of $2,380,840 is budgeted for the construction phase of this project to be financed by $1,904,672 in Federal revenue and $476,168 in general obligation bonds.

The construction cost for this project is estimated at $4,694,970 which will be budgeted over 2004 and 2005 to maintain an appropriate level of cash flow. A contract for the entire phase will be executed in 2004 so that work can proceed. It will be let by the State in January of 2004. An appropriation of $2,314,130 will need to be included in a future capital improvements budgets to address the remaining cash needs of the construction phase of this project. As such, approval of this appropriation is considered a commitment to completing the financing of the construction phase of the project in future years based on cash flow budgeting.

This project is made up of two bridges carrying West Hampton Avenue over the Union Pacific Railroad (formerly CNW Railroad). Bridge B-40-0382 carries the eastbound traffic and B-40-383 carries the westbound traffic. Bridges B-40-0382 and B-40-383 are each a six-span, reinforced concrete haunch voided slab. They are located approximately .06 mile west of STH 100. Both existing bridges are in poor condition having deteriorated and spalled concrete with exposed and corroded reinforcing steel bars.

The conditions of the structures are such that they cannot be rehabilitated through normal maintenance or repair, because they require deck replacement and major substructure repairs. The structure sufficiency number for both bridges is 24.5 and 24.3, which qualifies them for 80 percent Federal and State funding under the Local Bridge Program.

According to the Department of Parks and Public Infrastructure (formerly Department of Public Works), if this project is not undertaken in a timely manner, the condition of the deteriorated deck will worsen and eventually lead to a considerable increase in the cost of rehabilitation. This may lead to load limit posting or closure of the road.

**WH226052 – West Hampton Avenue (CTH EE) – Menomonee River**

An appropriation of $818,820 is budgeted for the construction phase of this project to be financed by $655,056 in Federal revenue and $163,764 in general obligation bonds.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WH226 – Bridge Rehabilitation Program (Contd.)**

The construction cost for this project is estimated at $1,669,350, which will be budgeted over 2004 and 2005 to maintain an appropriate level of cash flow. The contract will be let by the State in January of 2004. An appropriation of $850,530 will need to be included in a future capital improvements budget to address the remaining cash needs of the construction phase of this project. As such, approval of this appropriation is considered a commitment to completing the financing of the construction phase of the project in future years based on cash flow budgeting.

This project is made up of two bridges carrying West Hampton Avenue over the Little Menomonee River. Bridge B-40-0342 carries the eastbound traffic and B-40-343 carries the westbound traffic. Bridges B-40-0342 and B-40-343 are each a five-span, reinforced concrete haunch-voided slab. They are located approximately 0.1 mile west of STH 100. Both existing bridges are in poor condition having deteriorated and spalled concrete with exposed and corroded reinforcing steel bars.

The conditions of the structures are such that they cannot be rehabilitated through normal maintenance or repair, since it requires deck replacement and major substructure repairs. The structure sufficiency number for both bridges is 49.8, which qualifies them for 80 percent Federal and State funding under the Local Bridge Program. If this project is not undertaken in a timely manner, the condition of the deteriorated deck will worsen and eventually lead to a considerable increase in the cost of rehabilitation and may lead to load limit posting or closure of the road. County projects may also be delayed if unused funding under the Local Bridge Program is reassigned to other municipalities. Should this happen, the County could end up funding this project with 100 percent County funds.

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

**Staffing Plan**

Overall County staff will perform project management. The project manager will be Benedict C. Eruchalu. Specialized consultants may be used for some components of the basic planning and design. Specialized consultants may be retained for archeological surveys, soil investigations, material testing, environmental testing, design services, etc., and as required, to complete the planning and design phases of the project.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WH228 | Highway Maintenance and Fleet Management Garage Facility (formerly North Shop) | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Department of Public Works - Transportation Divison | Transportation |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 1 | Jane M. Johnson | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $423,533 | | | | $423,533 |
| 2003 | $150,000 | | | | $150,000 |
| 2004 | $0 | | | | $0 |
| 2005 | $770,000 | | | | $770,000 |
| 2006 | $1,825,000 | | | | $1,825,000 |
| 2007 | $2,410,000 | | | | $2,410,000 |
| 2008 | $1,450,000 | | | | $1,450,000 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $7,028,533 | $0 | $0 | $0 | $7,028,533 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $563,533 | | $369,900 | $933,433 |
| Construction & Implementation | | | $5,161,100 | $5,161,100 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | $855,000 | $855,000 |
| Other | $10,000 | | $69,000 | $79,000 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $100,000 | | $469,900 | $569,900 |
| DPW Charges | $463,533 | | $240,000 | $703,533 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | $10,000 | | $69,000 | $79,000 |
| Buildings/Structures | | | $4,761,100 | $4,761,100 |
| Land/Land Improvements | | | $60,000 | $60,000 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | $855,000 | $855,000 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $573,533 | $0 | $6,455,000 | $7,028,533 |

## Budget Year Financing

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

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| Thomas Pritzlaff | Keith F. Ponath |

| Project Useful Life (Years) | 50 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $426,470 |
| 2002 Expenditures | ($2,936) |
| 2003 Expenditures | $14,608 |
| Total Expenditures to Date | $438,142 |
| Encumbrances | $0 |
| **Available Balance** | $135,391 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $140,571 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $151,014 |
| Change in Annual Costs | $291,585 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $291,585 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | N/A |
| Complete Preliminary Plans | 07/03 |
| Complete Final Plans & Specifications | 12/03 |
| Begin Construction | 10/04 |
| Complete Construction | 06/07 |
| Scheduled Project Closeout | 06/07 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WH228 – Highway Maintenance and Fleet Management Garage Facility (formerly North Shop)**

An initiative begun by the County Executive requires that any new capital project exceeding a $1 million County commitment must be approved by a public referendum to authorize the project's financing. The Highway Maintenance and Fleet Management Garage Facility requires a referendum because: 1) the scope of work involves construction of a new building and 2) the total County commitment exceeds the $1 million threshold at a total cost of $6,455,000 over four years which would be financed by general obligation bonds. In order for this project to proceed to construction, a public referendum would need to be held in 2004 prior to authorizing the project's financing.

The referendum schedule would have to be coordinated with the County's budget and financing schedule. Adopted capital projects meeting the referendum criteria would be submitted to referendum at the following spring primary or spring election. Projects subjected to referendum could not be financed unless and until the referendum approval was later obtained.

Section 59.52 (25) of the Wisconsin Statutes authorizes the County Board to "conduct a countywide referendum... for the purpose of ratifying or validating a resolution adopted or ordinance enacted by the [B]oard contingent upon approval in the referendum." This authority would need to be included in the initial resolution making it effective only if approved by the electors at a referendum.

If the referendum is approved, an appropriation of $770,000 would be included in the 2005 Capital Improvements Budget to complete planning, prepare and execute bid documents and commence site work of a new garage facility. Future appropriations to complete construction of the facility would be $1,825,000 in 2006, $2,410,000 in 2007 and $1,450,000 in 2008. The total cost of the entire project is estimated at $7,031,470, which includes previously budgeted appropriations for design.

In addition, during 2004, the Department of Parks and Public Infrastructure (formerly Department of Public Works) is directed to work with the Department of Administrative Services to identify potential partnerships with other governmental entities in order to reduce the total cost of this project. Department of Parks and Public Infrastructure will report its findings to the Finance and Audit Committee.

A study, design, and 95 percent of the construction documents were completed in 1999 for the replacement of the existing Fleet Management garage and Highway Maintenance facility, located in the 6200 block of North Hopkins Street. Currently, there are 19 highway workers, two supervisors and three automotive service technicians assigned to this facility. The plan includes the existing site and site facilities in combination with the utilization of the Hopkins Street right-of-way in front of the existing site and a small portion of the eastern part of Schoenecker Park. Current garage facilities will not have to be replaced, therefore, there will be no site acquisition or site abandonment costs.

Construction of a Highway maintenance, storage and Fleet garage would be located on the eastern portion of Schoenecker Park in an area that is an unpaved and unused car park. The new garage would be a 44,200 square-foot facility that has a three-bay, 5,200 square-foot maintenance area, a 30,000 square-foot, 30 vehicle storage area, a 300 square-foot miscellaneous area and a 6,100 square-foot administration staff area. There is a need for modern equipment and infrastructure for proper vehicle maintenance and care. The facility requires vehicle lifts, an air compressor system, a vehicle tailpipe system, a welding exhaust system, truck wash and a bulk fluids system.

The current building is over 70 years old. At the time the building was built, the Highway Maintenance Division was responsible for a substantially smaller roadway network. The maintenance requirements for bridge maintenance were half of what is required today. This aged brick building has become much too small for present day equipment and repair needs. The existing 11,000 square-foot North Garage as well as the maintenance and storage building are proposed for use as a cold storage facility. All of the existing on-site support facilities, salt storage dome, fuel storage and pumping systems, chemical storage facilities, storage sheds and outdoor storage yard would remain,

**WH228 – Highway Maintenance and Fleet Management Garage Facility (formerly North Shop)**

except for a small storage building that would be razed. The Hopkins Street right-of-way, between Schoenecker Park and the present North Garage facility would be included with the new facility yard area.

**DPW Staffing Plan**

The DPW Project Manager will be Philip Hung, who will be responsible for design and construction. Specialized consultants may be used for some bidding document preparation work 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.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS

## SECTION 3
## MASS TRANSIT

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WT011 | Bus Replacement Program | |

| Requesting Department or Agency | Functional Group |
|---|---|
| DPW - Transportation Planning | Transportation |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 1 | Steve Nigh | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | | | | | $0 |
| 2004 | $8,430,000 | $6,987,000 | | | $1,443,000 |
| 2005 | $8,430,000 | $6,987,000 | | | $1,443,000 |
| 2006 | $8,970,000 | $7,435,200 | | | $1,534,800 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $25,830,000 | $21,409,200 | $0 | $0 | $4,420,800 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | $230,000 | $460,000 | $690,000 |
| Construction & Implementation | | | | $0 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | $8,200,000 | $16,940,000 | $25,140,000 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | $180,000 | $360,000 | $540,000 |
| DPW Charges | | $50,000 | $100,000 | $150,000 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | $8,200,000 | $16,940,000 | $25,140,000 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $0 | $8,430,000 | $17,400,000 | $25,830,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $6,987,000 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $1,443,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $8,430,000 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| Steve Nigh | Ron Rutkowski |

Project Useful Life (Years) 12

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $2,152,500 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $116,918 |
| Change in Annual Costs | $2,269,418 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $2,269,418 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 2/03 |
| Complete Final Plans & Specifications | 3/03 |
| Begin Construction | 5/03 |
| Complete Construction | 6/06 |
| Scheduled Project Closeout | 7/06 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WT011 – Bus Replacement Program**

An appropriation of $8,430,000 is budgeted for the purchase of 30 New Flyer buses and spare parts. The Federal share of this purchase is $6,987,000 and the County share is $1,443,000, financed by general obligation bonds.

Milwaukee County Department of Parks and Public Infrastructure (formerly Department of Public Works) and Milwaukee Transport Services, Inc. (MTS) began the procurement process for 92 replacement buses in December 2002. On April 30, 2003, a Master Price Agreement was issued to New Flyer of America, Inc. for up to 92 buses and three sets of spare parts (power plant assembly, differential assembly, electronic destination sign and air conditioner compressor) to be delivered by 2006.

Resolution File No. 03-253 was passed at the April 2003 Transportation, Public Works & Transit Committee/County Board meetings assuring local share in the 2004 budget for 30 buses to be delivered in 2004. The remaining 62 buses to complete the project will be purchased in 2005 and 2006, advancing the goals of fleet standardization, ADA accessibility, improved fuel economy and reduced exhaust emissions for cleaner air, subject to funding approval by Milwaukee County.

Federal Transit Administration (FTA) Section 5307 formula and 5309 discretionary grant applications will be filed in March 2004 to fund approximately 83 percent of the 2004 bus purchase.

**Bus Delivery Schedule**

| Type | Quantity | Budget Year | P.O. Release Date | Scheduled Delivery |
|---|---|---|---|---|
| New Flyer 40' | 30 | 2004 | April, 2003 | March, 2004 |
| New Flyer 40' | 30 | 2005 | April, 2004 | March, 2005 |
| New Flyer 40' | 32 | 2006 | April, 2005 | March, 2006 |
| | 92 | | | |

**Staffing Plan**

The project manager for the bus replacement will be Nancy Senn, Transportation Services-Transportation Planning Section. Milwaukee Transport Services, Inc. (MTS) will handle assembly inspection (construction management) functions.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WT013 | Computer Upgrade | |

| Requesting Department or Agency | Functional Group |
|---|---|
| DPW - Transportation Planning | Transportation |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 2 | Steve Nigh | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | | | | | $0 |
| 2004 | $70,000 | $56,000 | | | $14,000 |
| 2005 | | | | | $0 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $70,000 | $56,000 | $0 | $0 | $14,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | | | $0 |
| Construction & Implementation | | | | $0 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | $70,000 | | $70,000 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | | | $0 |
| DPW Charges | | | | $0 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | $70,000 | | $70,000 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $0 | $70,000 | $0 | $70,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $56,000 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $14,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $70,000 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| Greta Gneiser, MTS, Inc. | Ron Rutkowski |

| Project Useful Life (Years) | 5 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $14,000 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $370 |
| Change in Annual Costs | $14,370 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $14,370 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 3/03 |
| Complete Final Plans & Specifications | 4/03 |
| Begin Construction | 6/03 |
| Complete Construction | 11/03 |
| Scheduled Project Closeout | 12/03 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WT013 – Computer Upgrade**

An appropriation of $70,000 is budgeted for the purchase of hardware to upgrade the main Oracle database system at the Milwaukee County Transit System (MCTS). The 80 percent Federal share of this purchase is $56,000 and the County share is $14,000, financed by general obligation bonds.

This new Oracle database file server is being requested in conjunction with additional database licenses being requested in the 2004 MCTS operating budget. The computer upgrade will combine two old databases into one 9iRAC version and result in an annual $18,000 reduction in support/maintenance expenses for the old databases. The new database will also have expanded capabilities. In addition, the new system will provide database failure protection at both the software and hardware levels. This means the new database will not go down.

If the computer upgrade project is approved, a grant application will be filed with the Federal Transit Administration in March 2004 for 80 percent funding of both the software and hardware components of the computer upgrade.

**Staffing Plan**

The project manager will be Nancy Senn. The procurement of the Oracle database will be handled by Milwaukee Transport Services, Inc. (MTS).

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | | 4789-2004 |
|---|---|---|---|
| WT019 | Kinnickinnic Garage Infrastructure Improvements | | |
| Requesting Department or Agency | | Functional Group | |
| DPW - Transportation Planning | | Transportation | |
| Department Priority | Person Completing Form | | Date |
| 3 | Steve Nigh | | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | | | | | $0 |
| 2004 | $741,800 | $588,800 | | | $153,000 |
| 2005 | $100,000 | $80,000 | | | $20,000 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $841,800 | $668,800 | $0 | $0 | $173,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | $136,000 | $25,000 | $161,000 |
| Construction & Implementation | | $375,000 | $75,000 | $450,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | $225,000 | | $225,000 |
| Other | | $5,800 | | $5,800 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | $35,000 | | $35,000 |
| DPW Charges | | $101,000 | $25,000 | $126,000 |
| Capitalized Interest | | $5,800 | | $5,800 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | $375,000 | $75,000 | $450,000 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | $225,000 | | $225,000 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $0 | $741,800 | $100,000 | $841,800 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $588,800 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $151,100 |
| Airport Reserve | |
| Investment Earnings | $1,900 |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $741,800 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Tom Pritzlaff | Ron Rutkowski | 25 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $33,672 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $4,575 |
| Change in Annual Costs | $38,247 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $38,247 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 3/04 |
| Complete Final Plans & Specifications | 4/04 |
| Begin Construction | 7/04 |
| Complete Construction | 9/04 |
| Scheduled Project Closeout | 10/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WT019 Kinnickinnic Garage Infrastructure Improvements**

An appropriation of $741,800 (including $5,800 in capitalized interest) is budgeted for renovation of the Milwaukee County Transit System (MCTS) Kinnickinnic Operating Garage. This appropriation would be financed by $588,800 in Federal revenue, $151,500 in general obligation bonds and $1,450 in investment earnings.

This renovation is based on the findings of the County-wide facility assessment report, Facilities Condition Assessment. The report provides an assessment of the corrective measures required of the physical plants that comprise the MCTS complexes.

**WT01901 Kinnickinnic Operating Garage – Roof Replacement**

An appropriation of $320,500 is budgeted for the replacement of the roof at the MCTS Kinnickinnic Service Building and Bus Storage Building, including $2,500 in capitalized interest. The 80 percent Federal share of this request is $254,400 and the County share is $66,100, financed with $65,450 in general obligation bonds and $650 in investment earnings. The total project cost is $540,500. The balance of $220,000 will be financed with surplus funds from Project WT01802 Fiebrantz Complex Window Replacement and Project WT01803 Fiebrantz Complex Roof Replacement. Bids for both projects were lower than anticipated and the scope of work for the Window Replacement project was changed to window repair, resulting in the $220,000 surplus. An appropriation transfer will be submitted in 2004 to reallocate funds from the Fiebrantz Complex Window and Roof Replacement Projects to the Kinickinnic Roof Replacement Project.

The Bus Storage Building was built in 1981, and the Service Building was built in 1984. Each has the original roof. The built-up roof system in both locations is in poor condition due to age with some leaking and worn and deteriorated roof materials, flashing sealant, and parapet wall cap sheet. Leaks are apparent at the interior perimeter walls and in the metal roof deck in both buildings.

The recommended correction is the replacement of the entire roof system with a new built up roof including new roof drains at the Service Building. At the Bus Storage Building, however, the recommended correction is the replacement of the built-up portion of the roof with an ethylene propylene dieneterpolymer membrane (EPDM) roof. This includes replacing the roof drains, installing the EPDM roof on the parapet walls and terminating beneath the counter-flashing cap.

**WT01902 Kinnickinnic Operating Garage – Boiler Replacement**

An appropriation of $421,300 is for the replacement of the boilers at the MCTS Kinnickinnic Maintenance Building, including $3,300 in capitalized interest. The 80 percent Federal share of this request is $334,400 and the County share is $86,900, financed with $86,100 of general obligation bonds and $800 of investment earnings.

Building heat for the Maintenance Building and the Bus Storage Building is provided by hot water produced by three dual fuel capable boilers located in the Maintenance Building. The boilers are approximately 20 years old and show signs of corrosion and leakage. There are reported difficulties in obtaining replacement parts. In addition, fuel efficiency on the existing boilers is very poor.

The recommended correction is replacing the three boilers with dual fuel fired boilers capable of using natural gas or oil. The work would include new gas piping, oil piping, and heating hot water piping and valves. Savings should be realized in utility costs by installing more energy efficient boilers.

**Staffing Plan**

Walter Wilson will be the project manager utilizing Architectural and Engineering construction and planning staff.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WT020 | Fond du Lac Garage Infrastructure Improvements | |

| Requesting Department or Agency | Functional Group |
|---|---|
| DPW - Transportation Planning | Transportation |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 4 | Steve Nigh | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | | | | | $0 |
| 2004 | $463,700 | $368,000 | | | $95,700 |
| 2005 | $238,000 | $190,400 | | | $47,600 |
| 2006 | $142,000 | $114,240 | | | $27,760 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $843,700 | $672,640 | $0 | $0 | $171,060 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | $85,000 | $76,400 | $161,400 |
| Construction & Implementation | | $375,000 | $303,600 | $678,600 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | $3,700 | | $3,700 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | | | $0 |
| DPW Charges | | $85,000 | $76,400 | $161,400 |
| Capitalized Interest | | $3,700 | | $3,700 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | $375,000 | $303,600 | $678,600 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $0 | $463,700 | $380,000 | $843,700 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $368,000 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $94,800 |
| Airport Reserve | |
| Investment Earnings | $900 |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $463,700 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Tom Pritzlaff | Ron Rutkowski | 25 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $33,748 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $4,524 |
| Change in Annual Costs | $38,272 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $38,272 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 3/04 |
| Complete Final Plans & Specifications | 4/04 |
| Begin Construction | 7/04 |
| Complete Construction | 9/04 |
| Scheduled Project Closeout | 10/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WT020 Fond du Lac Garage Infrastructure Improvements**

An appropriation of $463,700 is budgeted for renovation of the Milwaukee County Transit System (MCTS) Fond du Lac Operating Garage based on the findings of the County-wide facility assessment report, Facilities Condition Assessment. The report provides an assessment of the corrective measures required of the physical plants that comprise the MCTS complexes.

**WT02001 Fond du Lac Operating Garage – Roof Replacement**

An appropriation of $463,700 is for the replacement of the roof at the MCTS Fond du Lac Bus Storage Building, including $3,700 in capitalized interest. The 80 percent Federal share of this request is $368,000 and the County share is $95,700, financed with $94,800 of general obligation bonds and $900 of investment earnings.

The Bus Storage Building was built in 1951, and the roof was replaced in 1976. The sloped rolled built-up roof is in poor condition due to age with worn and deteriorated roof material. The recommended correction is the replacement of the roof and deck with a metal roof.

**Staffing Plan**

Walter Wilson will be the project manager utilizing Architectural and Engineering construction and planning staff.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS

## SECTION 4
## ENVIRONMENTAL SERVICES

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WV006 | Rainbow Park Landfill Investigation | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Environmental Services | Transportation |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 3 | Gary Mick | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | | | | | $0 |
| 2004 | $175,000 | | | | $175,000 |
| 2005 | | | | | $0 |
| 2006 | $200,000 | | | | $200,000 |
| 2007 | $625,000 | | | | $625,000 |
| 2008 | $1,875,000 | | | | $1,875,000 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $2,875,000 | $0 | $0 | $0 | $2,875,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | $175,000 | | $175,000 |
| Construction & Implementation | | | $2,700,000 | $2,700,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | $150,000 | | $150,000 |
| DPW Charges | | $25,000 | | $25,000 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | | $2,700,000 | $2,700,000 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $0 | $175,000 | $2,700,000 | $2,875,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | $175,000 |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $175,000 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Gary Mick | Gary Mick | 30 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $5,833 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $0 |
| Change in Annual Costs | $5,833 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $5,833 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | N/A |
| Complete Preliminary Plans | 3/04 |
| Complete Final Plans & Specifications | N/A |
| Begin Construction | 6/04 |
| Complete Construction | 9/04 |
| Scheduled Project Closeout | 1/05 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WV006 - Rainbow Park Landfill Site Investigation**

An appropriation of $175,000 is budgeted for 2004 to determine the best course of action to remediate contamination at the Rainbow Parks Landfill site. Financing will be provided from sales tax revenue.

A portion of this 25.9 acre park is listed by the Wisconsin Department of Natural Resources (DNR) as the former site of the Clark's Dump. Previously a private operation, the dump was later sold to and operated by the City of West Allis. Both household and industrial wastes were reportedly dumped at the site. The industrial wastes included pickle liquors and waste oils.

The DNR, at the request of the Environmental Protection Agency (EPA), has conducted a Screening Site Inspection (SSI) for possible listing as a superfund site. No further action is planned by the EPA at this time.

This project seeks to determine the limits and types of waste as well as sample any leachate being discharged to the local groundwater system. The site has been carried on the County's Environmental Inventory for a number of years.

From the results of this investigation, the County will be able to determine the best course of action to remediate any contamination at the site as well as quantify future funding needs.

**Staffing Plan**

Department of Parks and Public Infrastructure (formerly Department of Public Works) staff will be used for overall project management. Specialized consultants may be used for some components of basic investigation, 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.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS

## SECTION 5
## MUSEUM

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WM003 | Electrical Distribution System Replacement | |

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

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 2 | Larry Bannister | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | $130,000 | | | | $130,000 |
| 2004 | $300,000 | | | | $300,000 |
| 2005 | $672,000 | | | | $672,000 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $1,102,000 | $0 | $0 | $0 | $1,102,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $125,000 | $22,219 | $49,740 | $196,959 |
| Construction & Implementation | | $277,781 | $622,260 | $900,041 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | $5,000 | | | $5,000 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $108,000 | | | $108,000 |
| DPW Charges | $22,000 | $22,219 | $49,740 | $93,959 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | $277,781 | $622,260 | $900,041 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $130,000 | $300,000 | $672,000 | $1,102,000 |

## Budget Year Financing

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

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Thomas Pritzlaff | Steve Dragosz | 10 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $5,834 |
| Total Expenditures to Date | $5,834 |
| Encumbrances | $94,480 |
| **Available Balance** | $29,686 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $110,200 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $29,145 |
| Change in Annual Costs | $139,345 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $139,345 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 8/03 |
| Complete Final Plans & Specifications | 10/03 |
| Begin Construction | 11/03 |
| Complete Construction | 6/05 |
| Scheduled Project Closeout | 7/05 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WM003 - Electrical Distribution Replacement-Phase I**

An appropriation of $300,000 is budgeted in 2004 to update the electrical system at the Milwaukee Public Museum. In 2005, an appropriation of $672,000 would be needed to complete the upgrade, for a total cost of $1,102,000. Financing will be provided from general obligation bonds.

Panelboards throughout the building are Kenney Electrical with old Westinghouse molded-case, thermal magnetic circuit breakers which have been obsolete for some time and are no longer available. These malfunctioning, obsolete panels are planned to be replaced with newer panels. With the installation of these panels, an updated single-line distribution system diagram will be developed showing a new electrical floor plan and location of all panelboard and electrical distribution equipment. To maintain electrical efficiency, installations of power factor correction capacitors are also required. Obsolete main power transformers also need replacement. Failure of the transformers would interrupt the building's power supply and electrical equipment could be damaged. Planning and design work was approved in 2003 at a cost of $130,000. Construction is estimated at $972,000.

The total cost of construction will be budgeted over 2004 to 2005 in order to maintain an appropriate level of cash flow. The construction is anticipated to begin in the fall of 2003. Therefore, the actual payment for the $972,000 of construction costs is anticipated to occur in both 2004 and 2005 if the project progresses as scheduled. A contract for the entire project budget will be executed in 2003 so that work can proceed. An appropriation of $672,000 will need to be included in a future capital improvements budget to address the remaining cash needs of the project. As such, approval of this appropriation is considered a commitment to completing the financing of the project.

In the Spring of 2004, the Quest for Immortality: Treasures of Ancient Egypt national tour is planning a temporary exhibit at the Museum. More than 2,100 additional visitors are expected during the tour's visit to Milwaukee. Typically, the number of facility rental events increase when major exhibits, are taking place. Facility rental events require more capacity, outlets and locations. The original electrical system is over forty years old and was not designed to handle the required electrical capacity.

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

**Staffing Plan**

Overall project management will be performed by County staff. The project manager will be Steve Dragosz. Specialized consultants will be retained as needed.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WM550 | Plumbing System Replacement | |

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

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 1 | Larry Bannister | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | $110,000 | | | | $110,000 |
| 2004 | $500,000 | | | | $500,000 |
| 2005 | $310,000 | | | | $310,000 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $920,000 | $0 | $0 | $0 | $920,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $105,000 | $37,025 | $22,975 | $165,000 |
| Construction & Implementation | | $462,975 | $287,025 | $750,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | $5,000 | | | $5,000 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $90,000 | | | $90,000 |
| DPW Charges | $20,000 | $37,025 | $22,975 | $80,000 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | $462,975 | $287,025 | $750,000 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $110,000 | $500,000 | $310,000 | $920,000 |

## Budget Year Financing

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

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Thomas Pritzlaff | Steve Dragosz | 25 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $5,730 |
| Total Expenditures to Date | $5,730 |
| Encumbrances | $61,938 |
| **Available Balance** | $42,332 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $36,800 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $24,331 |
| Change in Annual Costs | $61,131 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $61,131 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 8/03 |
| Complete Final Plans & Specifications | 10/03 |
| Begin Construction | 11/03 |
| Complete Construction | 6/05 |
| Scheduled Project Closeout | 7/05 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WM550 - Plumbing System Replacement**

An appropriation of $500,000 is budgeted in 2004 for the replacement of the plumbing system in the Milwaukee Public Museum. Financing will be provided from general obligation bonds.

An appropriation of $310,000 will need to be budgeted in 2005 to complete the implementation of the system bringing the total cost of the system to $920,000, which includes an appropriation of $110,000 in the 2003 Capital Improvements Budget for planning and design.

A study by PSJ Engineering Consultants for the Department of Parks and Public Infrastructure (formerly Department of Public Works) indicated that the plumbing system was in need of repair and replacement and outlined the scope of work below to upgrade the system.

Maintenance and repair issues related to the plumbing system include:

- Urinal flush valves need replacement. The valves are original equipment, obsolete, and frequently malfunction, causing water overflow to adjacent areas and to areas on the floor below.
- Urinal drainpipes are corroded and need replacement.
- Faucets in restrooms need replacement.
- Isolation valves need replacement due to deterioration, which causes valves to freeze and leak. While performing repairs or maintenance on the valves, Museum staff sometimes must drain the entire building water supply.
- Drinking fountains and plumbing in the restrooms throughout the building need replacement since they do not meet American with Disabilities Act (ADA) accessibility requirements.

The planned scope of work also includes the replacement of gate valves, booster pumps, sump pumps, faucets, grease interceptors, backflow preventor circulating pumps, vacuum breakers, and ejector pumps.

In the spring of 2004, The Quest for Immortality: Treasures of Ancient Egypt national tour is planning a temporary exhibit at the Museum. More than 2,100 additional visitors per day are expected during the tour's visit to Milwaukee. The original plumbing system is over forty years old and was not designed to handle the anticipated amount of additional visitors. It is imperative that all visitor areas are completed first due to the Quest Exhibit in 2004.

The total costs of construction for the project is $810,000, and will be budgeted over 2004 and 2005 in order to maintain an appropriate level of cash flow. The construction is anticipated to begin in the fall of 2003. Therefore, the actual payment for the $810,000 of construction costs is anticipated to occur in both 2004 and 2005 if the project progresses as scheduled. A contract for the entire project budget will be executed in 2003 so that work can proceed. An appropriation of $310,000 will need to be included in a future capital improvements budget to address the remaining cash needs of the project. As such, approval of this appropriation is considered a commitment to completing the financing of the project.

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

**Staffing Plan**

Overall project management will be performed by County staff. The project manager will be Walter Wilson. Specialized consultants will be retained as needed.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WM563 | Security/Life Safety System Replacement, Phase III | |

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

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 3 | Larry Bannister | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $718,885 | | | | $718,885 |
| 2003 | $773,000 | | | | $773,000 |
| 2004 | $100,000 | | | | $100,000 |
| 2005 | $150,000 | | | | $150,000 |
| 2006 | $150,000 | | | | $150,000 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $1,891,885 | $0 | $0 | $0 | $1,891,885 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $364,765 | $10,340 | $31,050 | $406,155 |
| Construction & Implementation | $1,107,820 | $89,660 | $268,950 | $1,466,430 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | $19,300 | | | $19,300 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $253,985 | $3,170 | $9,540 | $266,695 |
| DPW Charges | $110,780 | $7,170 | $21,510 | $139,460 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | $19,300 | | | $19,300 |
| Buildings/Structures | $1,107,820 | $89,660 | $268,950 | $1,466,430 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $1,491,885 | $100,000 | $300,000 | $1,891,885 |

## Budget Year Financing

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

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Thomas Pritzlaff | Steve Dragosz | 10 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $718,885 |
| 2002 Expenditures | $55,802 |
| 2003 Expenditures | $39,316 |
| Total Expenditures to Date | $814,002 |
| Encumbrances | $18,507 |
| **Available Balance** | $659,376 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $75,675 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $50,035 |
| Change in Annual Costs | $125,710 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $125,710 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 01/03 |
| Complete Final Plans & Specifications | 05/03 |
| Begin Construction | 01/04 |
| Complete Construction | 10/05 |
| Scheduled Project Closeout | 11/05 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WM563 - Museum Security/Fire/Life Safety System**

An appropriation of $100,000 is budgeted for the Security/Fire/Life Safety System. Financing will be provided from general obligation bonds.

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

The purpose of the Security/Fire/Life Safety System is to upgrade the Museum's security technology to ensure the protection and the safety of the public, staff, and the irreplaceable collections and research documents entrusted to the Museum. This request is a continuation of the 1996 capital improvement project. The first segment provided for a fire alarm system complete with a voice activation system and is compliant with the American with Disabilities Act. An appropriation of $773,000 was included in the 2002 Capital Improvements Budget for planning, design and construction of the second phase.

The Security/Fire/Life Safety System project will need to be extended into years 2005 and 2006. This is due to the building's design structure, exhibit displays, and logistic function in routing cable through exhibits. The cost of equipment and security hardware has also escalated recently. The cost of the project will need to be increased to $1,173,000 from $773,000 that was initially budgeted in 2002, which is an increase of 400,000.

The increase of $400,000 will be used to finish the case alarm wiring and emergency life safety exit door hardware in 2004, with the modifications and unification of fire alarm systems in both the IMAX Theater and Discovery World in 2005 and 2006.

The scope of this project has not deviated from the original narrative description. The unforeseen complexity due to the nature of the Museum's design hindered an accurate estimate.

Appropriations of $150,000 each year are included in the five-year capital improvements plan to address the remaining cash needs of the project in 2005 and 2006.

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

**Staffing Plan**

Overall project management will be performed by County staff. The project manager will be Steve Dragosz. Specialized consultants will be retained as needed.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS

## SECTION 6
## DEPARTMENT OF PARKS, RECREATION & CULTURE

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WP016 | Mitchell Domes HVAC Improvements | |

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

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 4 | Thomas R. Forbes | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $989,396 | | | | $989,396 |
| 2003 | $966,800 | | | | $966,800 |
| 2004 | $1,566,000 | | | | $1,566,000 |
| 2005 | | | | | $0 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $3,522,196 | $0 | $0 | $0 | $3,522,196 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $485,485 | $116,000 | | $601,485 |
| Construction & Implementation | $1,470,711 | $1,450,000 | | $2,920,711 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $286,000 | | | $286,000 |
| DPW Charges | $179,485 | $116,000 | | $295,485 |
| Capitalized Interest | | | | $0 |
| Park Services | $20,000 | | | $20,000 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | $1,470,711 | $1,450,000 | | $2,920,711 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $1,956,196 | $1,566,000 | $0 | $3,522,196 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $1,566,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $1,566,000 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| DPW | |

| Project Useful Life (Years) | 20 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $118,814 |
| 2002 Expenditures | $714,559 |
| 2003 Expenditures | $143,567 |
| Total Expenditures to Date | $976,941 |
| Encumbrances | $872,701 |
| **Available Balance** | $106,554 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $176,110 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $93,152 |
| Change in Annual Costs | $269,262 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $269,262 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | NA |
| Complete Preliminary Plans | 2003 |
| Complete Final Plans & Specifications | 2003 |
| Begin Construction | 5/04 |
| Complete Construction | 10/04 |
| Scheduled Project Closeout | |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WP016 - Mitchell Domes Redevelopment**

An appropriation of $1,566,000 is budgeted to continue heating, ventilating and air conditioning (HVAC) work at the Mitchell Park Domes. This will be the fourth and final stage of the HVAC repair/replacement effort. This appropriation is financed by general obligation bonds.

In October 1999, an HVAC study and design report for the Mitchell Park Domes was completed by PSJ Engineering, Inc. In response to this study, the 2000 Adopted Capital Improvements Budget included an appropriation of $250,000 to address mechanical systems improvements. The 2001 Adopted Capital Improvements Budget authorized $839,396 for phase one HVAC planning and improvements for the Tropical and Arid Domes. This work was completed in 2002.

An appropriation of $150,000 was provided in the 2002 Adopted Capital Improvements Budget for phase two planning and phase two and three construction was funded by an appropriation of $966,000 in the 2003 Adopted Capital Improvements Budget. This work included the continuation of HVAC work in the Arid Dome, which involves the replacement of heating and ventilation units, apex and wall exhaust fans, dampers and addition of direct digital controls. The Show Dome work also includes the replacement of the apex exhaust dampers, replacement of the fin tube heating and steam control valves, condensate piping and exhaust fans. The phase three construction is scheduled to be completed by November 2003.

As part of the 2003 appropriation of $966,000, $176,000 was included for planning for phase four construction. Phase four work will include completion of work in the Show Dome, replacing the entire boiler plant and 20-ton chiller, and the replacement of equipment in the Transition Dome, lobby, and office. Preliminary estimates for the work were $1,209,000, however, that cost has risen to $1,566,000 because of the discovery of significant amount of asbestos abatement that must be included.

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

**Staffing Plan**

Overall project management will be performed by County staff. The project manager will be Steve Dragosz. Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archeological surveys, soils investigation, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WP017 | Countywide Trail and Hard Surface Replacement Program | |

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

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 2 | Thomas R. Forbes | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $1,410,160 | $110,160 | | | $1,300,000 |
| 2003 | $1,449,840 | $699,840 | | | $750,000 |
| 2004 | $250,000 | | | | $250,000 |
| 2005 | $250,000 | | | | $250,000 |
| 2006 | $500,000 | | | | $500,000 |
| 2007 | $250,000 | | | | $250,000 |
| 2008 | $500,000 | | | | $500,000 |
| SUBSEQUENT | $2,500,000 | | | | $2,500,000 |
| TOTAL | $7,110,000 | $810,000 | $0 | $0 | $6,300,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $428,875 | $36,250 | $600,000 | $1,065,125 |
| Construction & Implementation | $2,418,975 | $213,750 | $3,400,000 | $6,032,725 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | $12,150 | | | $12,150 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $207,360 | | | $207,360 |
| DPW Charges | $106,650 | $27,500 | $456,000 | $590,150 |
| Capitalized Interest | | | | $0 |
| Park Services | $114,865 | $8,750 | $144,000 | $267,615 |
| Disadv. Business Serv. | $12,150 | | | $12,150 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | $2,418,975 | $213,750 | $3,400,000 | $6,032,725 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $2,860,000 | $250,000 | $4,000,000 | $7,110,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | $75,000 |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $175,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $250,000 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| DPW | Karl Stave |

| Project Useful Life (Years) | 20 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $288,355 |
| 2002 Expenditures | $927,808 |
| 2003 Expenditures | $317,104 |
| Total Expenditures to Date | $1,533,268 |
| Encumbrances | $159,882 |
| **Available Balance** | $1,166,851 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $53,864 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $166,617 |
| Change in Annual Costs | $220,481 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $220,481 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | NA |
| Complete Preliminary Plans | 4/04 |
| Complete Final Plans & Specifications | 5/04 |
| Begin Construction | 5/04 |
| Complete Construction | 11/04 |
| Scheduled Project Closeout | 12/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WP017 - Countywide Trail and Hard Surface Replacement Program**

An appropriation of $250,000 is budgeted to replace the worst sections of walks and hard surfaces. This appropriation is financed by $175,000 in general obligation bonds and $75,000 in sales tax revenue.

In 2000, the Department of Parks, Recreation and Culture performed a system-wide condition assessment of walkways and paths. Similarly, the Department of Parks and Public Infrastructure (formerly Department of Public Works) has evaluated and prioritized parkway drives, parking lots, bike trail segments and surface yards.

The 2002 Adopted Capital Improvements Budget included an appropriation of $1 million and the 2003 Adopted Capital Improvements Budget included an appropriation of $1,449,840 to replace the worst sections of walks and hard surfaces. As part of the appropriation for 2003, $874,800 was used for the replacement of the Estabrook Park portion of the Oak Leaf Trail. Federal reimbursement of $699,840 from the Transportation Equity Act for the 21st Century (TEA-21) was awarded. The corresponding 20 percent local match from the County is $174,960. The remaining $575,040 will be used to address the worst ranked hard surface areas as identified in the 2000 assessment.

Over the winter of 2002 to 2003, an updated system-wide assessment (in the same format as 2000) was completed by the Department of Parks and Public Infrastructure.

The 2004 appropriation will be used to replace the lowest-ranked hard surface areas as identified in the current assessment.

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

**Staffing Plan**

Overall project management will be performed by Jeff Adam. County staff will prepare plans, bid contracts and manage construction for the large segments of path replacements. Shorter segments of path replacement will be managed by Steve Murphy.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WP024 | O'Donnell Park Maintenance - Stairwell Repair | |

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

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 5 | Thomas R. Forbes | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $287,500 | | | | $287,500 |
| 2003 | $206,250 | | | | $206,250 |
| 2004 | $400,000 | | | | $400,000 |
| 2005 | | | | | $0 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $893,750 | $0 | $0 | $0 | $893,750 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $89,120 | $80,000 | | $169,120 |
| Construction & Implementation | $404,630 | $320,000 | | $724,630 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $27,600 | | | $27,600 |
| DPW Charges | $38,340 | $64,000 | | $102,340 |
| Capitalized Interest | | | | $0 |
| Park Services | $17,824 | $16,000 | | $33,824 |
| Disadv. Business Serv. | $5,356 | | | $5,356 |
| Buildings/Structures | $404,630 | $320,000 | | $724,630 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $493,750 | $400,000 | $0 | $893,750 |

## Budget Year Financing

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

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

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $81,095 |
| 2003 Expenditures | $197,307 |
| Total Expenditures to Date | $278,402 |
| Encumbrances | $13,482 |
| **Available Balance** | $201,867 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $44,688 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $23,637 |
| Change in Annual Costs | $68,325 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $68,325 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | NA |
| Complete Preliminary Plans | 3/04 |
| Complete Final Plans & Specifications | 5/04 |
| Begin Construction | 7/04 |
| Complete Construction | 10/04 |
| Scheduled Project Closeout | 12/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WP024 – O'Donnell Park Maintenance**

An appropriation of $400,000 is budgeted in 2004 to replace stairwell number 15 at O'Donnell Park. This appropriation is financed by general obligation bonds.

The 2002 Adopted Capital Improvements Budget included an appropriation of $287,500 for the sandblasting and painting of the handrails and mullions in this stairwell. During planning it was discovered that portions of the hollow metal window supports were severely corroded. Further investigation determined that the corrosion was even more extensive and it was determined that the entire stairwell curtain walls must be dismantled and rebuilt with new hollow metal members, properly installed paint coatings and ventilation in the stairwell.

The 2003 Adopted Capital Improvements Budget included $206,250 to repair and replace railings around the O'Donnell Park plaza and east façade of the parking deck. The budget deferred the stairwell replacement to 2004, allowing for completion of the railing repair and painting.

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

**Staffing Plan**

The Department of Parks and Public Infrastructure (formerly Department of Public Works) staff will perform most primary planning and administration functions on these projects. Assigned project managers will be Walter Wilson (architectural projects), Karl Stave (engineering projects) and Al Krumsee (Parks projects). Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archeological surveys, soils investigation, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WP032 | Jacobus Park Nature Trail Improvement | |

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

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 9 | Thomas R. Forbes | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | $30,000 | | $15,000 | $15,000 | $0 |
| 2004 | $30,000 | | $15,000 | $15,000 | $0 |
| 2005 | | | | | $0 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $60,000 | $0 | $30,000 | $30,000 | $0 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | | | $0 |
| Construction & Implementation | $30,000 | $30,000 | | $60,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | | | $0 |
| DPW Charges | | | | $0 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | $30,000 | $30,000 | | $60,000 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $30,000 | $30,000 | $0 | $60,000 |

## Budget Year Financing

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

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| | |

Project Useful Life (Years) 15

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $4,693 |
| **Available Balance** | $25,307 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $0 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $0 |
| Change in Annual Costs | $0 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $0 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | NA |
| Complete Preliminary Plans | 6/04 |
| Complete Final Plans & Specifications | 7/04 |
| Begin Construction | 9/04 |
| Complete Construction | 12/04 |
| Scheduled Project Closeout | 12/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WP032 - Jacobus Park Nature Trail Improvement**

An appropriation of $30,000 is budgeted to continue the repair and replacement of the nature trail system in Jacobus Park. The project will be financed by $15,000 from a State of Wisconsin Stewardship Program grant and $15,000 in local revenue.

In 2002, the Parks Department applied for and received a 2003 State of Wisconsin Stewardship Program grant for $15,000 to begin the repair and replacement of the nature trails and signage in Jacobus Park which is located in Wauwatosa at 6501 W. Hillside Lane. The local 50 percent match for this grant was provided by the Jacobus Park Neighborhood Association, for a total project amount of $30,000. Work on this project commenced in July 2003.

In May 2003, the Parks Department received County Board authorization to apply for a second $15,000 State of Wisconsin Stewardship Program grant to continue the project in 2004. As in 2003, the Jacobus Park Neighborhood Association has committed to providing the local $15,000 match. If the Stewardship Program grant is not awarded to Milwaukee County, the project will not proceed at this time. Notification regarding the award of the grant is anticipated in September 2003.

The Jacobus Park Neighborhood Association will provide its contribution directly to the County in order for the project to begin.

This project is a collaborative effort between the County, the Jacobus Park Neighborhood Association and the City of Wauwatosa. In 2003, the City of Wauwatosa provided a $30,000 Community Development Block Grant (CDBG) toward this project. The project would continue the work begun in 2003 consisting of the replacement of asphalted paths and wood chip walkways. In addition, a staircase leading into the park would be repaired and the woods and plants alongside the staircase would be restored.

The project description includes the following improvements:

- Renovation of asphalt walkways
- Renovation of wood chip walkways
- Purchase and installation of post and rail fencing to protect natural areas from excessive wear and erosion
- Rejuvenation of the nature trail signage program

All improvements will be handicap accessible to the fullest extent feasible.

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

**Staffing Plan**

Planning, design, and project management for this project will be provided by the Parks Department's Facilities Planning Division.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WP036 | Oak Leaf Trail Development - St. Francis Segment | |

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

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 8 | Thomas R. Forbes | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | $44,400 | $35,520 | | $8,880 | $0 |
| 2004 | $255,600 | $204,480 | | $51,120 | $0 |
| 2005 | | | | | $0 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $300,000 | $240,000 | $0 | $60,000 | $0 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $44,400 | $45,600 | | $90,000 |
| Construction & Implementation | | $210,000 | | $210,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | | | $0 |
| DPW Charges | $35,520 | $36,480 | | $72,000 |
| Capitalized Interest | | | | $0 |
| Park Services | $8,880 | $9,120 | | $18,000 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | $210,000 | | $210,000 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $44,400 | $255,600 | $0 | $300,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $255,600 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $255,600 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| DPW | |

Project Useful Life (Years) 20

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $220 |
| Total Expenditures to Date | $220 |
| Encumbrances | $0 |
| **Available Balance** | $44,180 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $4,500 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $0 |
| Change in Annual Costs | $4,500 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $4,500 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | NA |
| Complete Preliminary Plans | 12/03 |
| Complete Final Plans & Specifications | 3/04 |
| Begin Construction | 5/04 |
| Complete Construction | 8/04 |
| Scheduled Project Closeout | 12/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WP036 - Oak Leaf Trail Development – St. Francis Segment**

An appropriation of $255,600 is budgeted for the construction of the St. Francis segment of the Oak Leaf Trail. This appropriation will be financed by $204,480 in Federal revenue and $51,120 in local revenue.

In 2000, a development agreement was authorized and executed between the County and the owners of land along the bluffs of Lake Michigan in the City of St. Francis to accommodate a proposed residential and commercial development. Because the proposed development would result in the elimination of a 2,700 square-foot section of the Oak Leaf Trail between Bay View Park and Sheridan Park, the development agreement authorized the Department of Parks, Recreation and Culture to apply for, and accept, a Federal Transportation Efficiency Act for the 21st Century (TEA-21) grant for the replacement of the impacted section of the Oak Leaf Trail. It further committed the developer to reimburse the County for 25 percent of the cost of the trail construction. The grant would reimburse 80 percent of the cost of the project with the remaining 20 percent required local match being provided by the developer.

The estimated total cost of the entire project is $300,000. An appropriation of $44,400 was included in the 2003 Adopted Capital Improvements Budget for planning and design. This appropriation was financed by $35,520 in revenue from a Federal Transportation Efficiency Act for the 21st Century (TEA-21) grant and $8,880 in revenue from the developer. The remaining $255,600 is being budgeted in the 2004 budget for construction. The 2004 appropriation will be financed by $204,480 in TEA-21 revenue and $51,120 in revenue from the developer. The Department of Parks has been notified of the TEA-21 grant award for 2004. With the TEA-21 grant reimbursement, and with the local match being provided by the developer, the County would receive full reimbursement for the design and construction of the project.

The original trail segment was eight-feet wide, approximately 20 years old and located adjacent and within the right-of-way of State Trunk Highway (STH) 32. The proposed project calls for the reconstruction of the trail segment and connections to the remaining trail to the north and south. The new trail will be ten-feet wide, constructed of asphalt and will be approximately 5,700 feet in length. It will also be relocated closer to the Lake Michigan shoreline and integrated with the housing developments where possible.

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

**Staffing Plan**

Overall project management will be performed by Karl Stave. Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archeological surveys, soils investigation, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WP050 | Parks Infrastructure Improvements | |

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

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 1 | Thomas R. Forbes | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $32,390,044 | | | | $32,390,044 |
| 2003 | $2,000,000 | | | | $2,000,000 |
| 2004 | $1,450,000 | | | | $1,450,000 |
| 2005 | $1,750,000 | | | | $1,750,000 |
| 2006 | $1,750,000 | | | | $1,750,000 |
| 2007 | $1,750,000 | | | | $1,750,000 |
| 2008 | $1,750,000 | | | | $1,750,000 |
| SUBSEQUENT | $8,750,000 | | | | $8,750,000 |
| TOTAL | $51,590,044 | $0 | $0 | $0 | $51,590,044 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $1,512,178 | $304,960 | $720,000 | $2,537,138 |
| Construction & Implementation | $7,297,878 | $1,070,040 | $15,030,000 | $23,397,918 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | $128,738 | $45,000 | | $173,738 |
| Other | $25,451,250 | $30,000 | | $25,481,250 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | $15,633 | | | $15,633 |
| Professional Services | $297,595 | | | $297,595 |
| DPW Charges | $1,276,145 | $258,250 | $540,000 | $2,074,395 |
| Capitalized Interest | | | | $0 |
| Park Services | $434,060 | $46,710 | $180,000 | $660,770 |
| Disadv. Business Serv. | $32,239 | | | $32,239 |
| Buildings/Structures | $5,117,180 | $445,500 | $6,390,000 | $11,952,680 |
| Land/Land Improvements | $2,727,811 | $624,540 | $8,640,000 | $11,992,351 |
| Roadway Plng & Construction | $204,006 | | | $204,006 |
| Equipment & Furnishings | $180,847 | $45,000 | | $225,847 |
| Other Expenses | $24,104,528 | $30,000 | | $24,134,528 |
| **Total Project Cost** | $34,390,044 | $1,450,000 | $15,750,000 | $51,590,044 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | $500,000 |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $950,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $1,450,000 |

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

| Project Useful Life (Years) | 20 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $29,195,835 |
| 2002 Expenditures | $1,724,658 |
| 2003 Expenditures | $990,243 |
| Total Expenditures to Date | $31,910,737 |
| Encumbrances | $543,541 |
| **Available Balance** | $1,935,767 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $1,979,885 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $1,041,469 |
| Change in Annual Costs | $3,021,353 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $3,021,353 |

## 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 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WP050 – Parks Infrastructure**

An appropriation of $1,450,000 is budgeted for Parks Department Infrastructure Improvements. This appropriation will be financed by $950,000 in general obligation bonds and $500,000 in sales tax revenue.

The Parks Department has been pursuing an aggressive infrastructure preservation program during the past few years. A preventive, proactive review of physical plant conditions has been performed on 108 buildings used as pavilions, pool bathhouses, golf clubhouses, restaurants and community centers. Condition assessments on 107 structures, including comfort and service buildings, have also been completed. In 1990, heating, ventilating and air-conditioning system (HVAC) evaluations were conducted on all major park buildings. In 1991, a parks lighting system evaluation was conducted on all park paths, drives and parking lots. In 1993, a study was prepared which outlined a program to update electric service at approximately 45 locations. In 1995, a strategic plan was prepared to identify specific park goals, objectives and guidelines for three years and a more general plan was prepared for the next five to ten years. In 2003, the comprehensive system-wide evaluation of playground equipment was updated. Also in 2003, a review and ranking of all Park trails and hard surfaces was prepared, continuing the systematic approach for the reconstruction of parkway drives, parking lots, service yards, basketball courts, tennis courts, bike trails, walks and paths. Each year one-third of the system will be re-assessed. In 2001, a pool study was conducted.

The Parks Facilities Division also conducts annual planning workshops with each park region and division to better determine facility problems and needs.

In 2003, $2 million was included in the 2003 Adopted Capital Improvements Budget for 13 projects and 11 "various" accounts, such as various electrical, various roofs, etc. The appropriation of $1,450,000 for 2004 will provide funding for 12 high-priority infrastructure projects identified through the Parks Department's assessment process and 14 "various" accounts.

A new project code of WP050 has been established to replace the old project code of WP411. This change will allow old subprojects to be closed out in Advantage, the County's financial system and improve financial monitoring of the infrastructure program.

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

**Staffing Plan**

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

## 2004 RECOMMENDED CAPITAL IMPROVEMENTS
## MILWAUKEE COUNTY

| Project No. | Project Description | Cost |
|---|---|---|
| WP05001 | Electrical, Lighting and Security System - Expensed | $60,000 |
| WP05002 | Plumbing - Expensed | $36,400 |
| WP05003 | Priority Repairs -Expensed | $159,470 |
| WP05004 | HVAC - Expensed | $114,080 |
| WP05005 | Pool Repairs - Expensed | $45,600 |
| WP05006 | Roof Repairs - Expensed | $45,600 |
| WP05007 | Catch Basins - Expensed | $31,850 |
| WP05008 | Golf Tees, Drainage & Irrigation | $95,070 |
| WP05009 | Potable Water (Lake, Dineen, Lincoln) | $85,000 |
| WP05010 | Diesel Tanks | $40,000 |
| WP05012 | GIS Development Needs - Expensed | $7,000 |
| WP05013 | Pavilion Furnishings | $17,750 |
| WP05014 | Play Equipment | $30,000 |
| WP05015 | Dineen Park Basketball Reconstruction | $50,000 |
| WP05016 | South Shore Boat Launch Ramp Extension | $108,000 |
| WP05017 | Hales Corners Park Improvements | $62,500 |
| WP05018 | Brown Deer Irrigation Satellite Replacement | $52,300 |
| WP05022 | Currie Golf Irrigation Planning | $118,000 |
| WP05023 | Cannon Park Wading Pool Deck and Plumbing | $170,000 |
| WP05024 | Dineen Park Service Yard | $37,000 |
| WP05025 | Oakwood Irrigation Satellite Replacement | $62,130 |
| WP05026 | Seven Bridges Main Bridge Replacement Planning | $22,250 |
| | **Total** | **$1,450,000** |

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WP406 | Countywide Play Area Redevelopment Program | |

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

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 3 | Thomas R. Forbes | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $3,742,125 | | | | $3,742,125 |
| 2003 | $386,767 | | | | $386,767 |
| 2004 | $250,000 | | | | $250,000 |
| 2005 | $250,000 | | | | $250,000 |
| 2006 | $250,000 | | | | $250,000 |
| 2007 | $250,000 | | | | $250,000 |
| 2008 | $250,000 | | | | $250,000 |
| SUBSEQUENT | $1,000,000 | | | | $1,000,000 |
| TOTAL | $6,378,892 | $0 | $0 | $0 | $6,378,892 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $160,412 | $7,500 | $60,000 | $227,912 |
| Construction & Implementation | $1,653,320 | $72,500 | $580,000 | $2,305,820 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | $2,315,160 | $170,000 | $1,360,000 | $3,845,160 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $13,608 | | | $13,608 |
| DPW Charges | | | | $0 |
| Capitalized Interest | | | | $0 |
| Park Services | $146,804 | $7,500 | $60,000 | $214,304 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | $291,999 | | | $291,999 |
| Land/Land Improvements | $865,474 | $72,500 | $580,000 | $1,517,974 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | $2,315,160 | $170,000 | $1,360,000 | $3,845,160 |
| Other Expenses | $495,847 | | | $495,847 |
| **Total Project Cost** | $4,128,892 | $250,000 | $2,000,000 | $6,378,892 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $250,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $250,000 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| Parks | |

| | |
|---|---|
| Project Useful Life (Years) | 20 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $3,636,298 |
| 2002 Expenditures | $81,537 |
| 2003 Expenditures | $52,818 |
| Total Expenditures to Date | $3,770,653 |
| Encumbrances | $19,411 |
| **Available Balance** | $338,827 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $243,046 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $168,703 |
| Change in Annual Costs | $411,749 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $411,749 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | NA |
| Complete Preliminary Plans | 2/04 |
| Complete Final Plans & Specifications | 3/04 |
| Begin Construction | 4/04 |
| Complete Construction | 10/04 |
| Scheduled Project Closeout | 12/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WP406 - Countywide Play Area Redevelopment Program**

An appropriation of $250,000 is budgeted to continue the replacement of Countywide play area equipment. This appropriation will be financed by general obligation bonds.

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

The Parks Department estimates the current cost of a Class 1 CPE to be $160,000, a Class 2 CPE to be $80,000, a Class 3 CPE to be $65,000 and a Class 4 CPE to be $32,000.

Since 1998, the Countywide Play Area Redevelopment Program has received approximately $2.7 million in total appropriations to replace and improve the play areas cited in the report. Over these years, 39 playgrounds have been completely renovated and improved, meeting all national safety criteria and Americans with Disabilities Act (ADA) requirements.

In 2002, the Facilities Planning Division staff for the Parks Department conducted another detailed condition assessment and safety audit of each of the 111 children's play environments (CPEs) throughout the County. The assessment report was submitted to the County Board in July 2003. The report ranked each play area based on a grading system of A (excellent) to F (failure). The 111 play areas were rated as follows: six received a grade of F, seven received a D or D-, 20 received a C+, C or C-, seven received a B and 71 received an A+, A or A-. The play equipment has been removed from a total of 13 playgrounds that received grades of F, D- or D due to serious safety hazards. The 2003 and 2004 appropriations will replace equipment at four of these 13 playgrounds.

The 2003 Adopted Capital Improvements Budget did not include an appropriation for the replacement of Countywide Play Area equipment. Instead, an appropriation transfer was initiated by the Parks Department in 2003 to transfer the available funds from capital project WP025 – Noyes Pool Planning to WP406 – Countywide Play Area Redevelopment Program, as authorized and directed by the 2003 Adopted Capital Improvement Budget. The amount transferred for use for this project in 2003 was $386,717. Pulaski-Milwaukee and Whitnall Parks will be addressed using these funds.

For the 2004 Capital Improvements Budget, $250,000 has been budgeted to continue the replacement of the most poorly ranked areas. This level of funding will allow the replacement of two play areas which will likely be Greenfield Park, No. 1 and McKinley Beach.

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

**Staffing Plan**

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

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WP447 | South Shore Breakwater/Shoreline Protection/Bike Trail | |

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

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 7 | Thomas R. Forbes | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $637,000 | | | | $637,000 |
| 2003 | | | | | $0 |
| 2004 | $820,000 | | | | $820,000 |
| 2005 | $1,980,000 | | | | $1,980,000 |
| 2006 | $2,500,000 | | | | $2,500,000 |
| 2007 | $2,000,000 | | | | $2,000,000 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $7,937,000 | $0 | $0 | $0 | $7,937,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $637,000 | $94,300 | $777,600 | $1,508,900 |
| Construction & Implementation | | $725,700 | $5,702,400 | $6,428,100 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $73,000 | $58,000 | | $131,000 |
| DPW Charges | $564,000 | | $466,600 | $1,030,600 |
| Capitalized Interest | | | | $0 |
| Park Services | | $36,300 | $311,000 | $347,300 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | $725,700 | $5,702,400 | $6,428,100 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $637,000 | $820,000 | $6,480,000 | $7,937,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $820,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $820,000 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| DPW | Karl Stave |

| Project Useful Life (Years) | 20 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $73,000 |
| 2002 Expenditures | $137,269 |
| 2003 Expenditures | $85,630 |
| Total Expenditures to Date | $295,899 |
| Encumbrances | $181,301 |
| **Available Balance** | $159,800 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $75,445 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $209,911 |
| Change in Annual Costs | $285,356 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $285,356 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | NA |
| Complete Preliminary Plans | 2003 |
| Complete Final Plans & Specifications | 2/04 |
| Begin Construction | 4/04 |
| Complete Construction | 10/04 |
| Scheduled Project Closeout | NA |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

## WP447 – South Shore Breakwater/Shoreline Protection/Bike Trail

An appropriation of $820,000 is budgeted to prepare final construction and bid documents in order to execute a contract for the construction of a shoreline protection system and replacement of the bike trail along the bluff west of the failing breakwater near South Shore Park. This appropriation would be financed by general obligation bonds.

In 2001, the U.S. Army Corps of Engineers prepared a study of the South Shore breakwater. Based on the finding of that study and recommendation of County staff, an appropriation of $564,000 was included in the 2002 Capital Improvements Budget for planning and design of the breakwater, shoreline protection and reconstruction of the bike trail. In addition, funds were included for the preparation of contract documents for the reconstruction of the breakwater.

Planning for this project began in the latter half of 2002. Historical records provided insight into the existing breakwater. Significant public input was obtained in the planning process and caused the phasing of the project to be reconsidered. Ultimately, it was determined that the shoreline protection and bike trail replacement portion of the project should be addressed in the first construction phase because the breakwater itself provides minimal environmental and erosion protection to the shoreline.

The construction cost for this project is estimated at $2,800,000, which will be budgeted over 2004 and 2005 to maintain an appropriate level of cash flow. A contract for the entire project will be executed in the final quarter of 2004 so that work can proceed. An appropriation of $1,980,000 will need to be included in the 2005 capital improvements budget to address the remaining cash needs of the construction phase of this project. As such, approval of this appropriation is considered a commitment to completing the financing of the construction phase of the project in future years based on cash flow budgeting.

In 2004, the Department of Parks and Public Infrastructure (formerly Department of Public Works) is directed to pursue potential grant opportunities to offset the cost of the bike trail portion of this project, which is estimated to cost $162,500.

The five-year capital improvements plan calls for the breakwater to be rebuilt in 2006 ($2,500,000) and 2007 ($2,000,000). By phasing the breakwater project over two years the total cost is estimated to increase by $122,000.

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

**Staffing Plan**

Overall project management will be performed by Department of Parks and Public Infrastructure staff. The project manager during construction will be Karl Stave. Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archeological surveys, soils investigations, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS

## SECTION 7
## MCKINLEY MARINA

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WP513 | McKinley Marina Seawall Improvements | |

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

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 6 | Thomas R. Forbes | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $16,163,606 | | $2,712,870 | $10,000 | $13,440,736 |
| 2003 | $2,500,000 | | | | $2,500,000 |
| 2004 | $550,000 | | | | $550,000 |
| 2005 | $493,020 | | | | $493,020 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $19,706,626 | $0 | $2,712,870 | $10,000 | $16,983,756 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $4,102,130 | $110,000 | $98,604 | $4,310,734 |
| Construction & Implementation | $14,496,177 | $440,000 | $394,416 | $15,330,593 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | $65,299 | | | $65,299 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $970,592 | | | $970,592 |
| DPW Charges | $2,850,936 | $88,000 | $80,000 | $3,018,936 |
| Capitalized Interest | | | | $0 |
| Park Services | $280,602 | $22,000 | $18,604 | $321,206 |
| Disadv. Business Serv. | $65,299 | | | $65,299 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | $14,496,177 | $440,000 | $394,416 | $15,330,593 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $18,663,606 | $550,000 | $493,020 | $19,706,626 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $550,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $550,000 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| DPW | Karl Stave |

| Project Useful Life (Years) | 75 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $10,698,358 |
| 2002 Expenditures | $4,368,322 |
| 2003 Expenditures | $1,799,550 |
| Total Expenditures to Date | $16,866,230 |
| Encumbrances | $267,211 |
| **Available Balance** | $1,530,165 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $383,214 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $449,172 |
| Change in Annual Costs | $832,386 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $832,386 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | NA |
| Complete Preliminary Plans | 2/03 |
| Complete Final Plans & Specifications | 3/03 |
| Begin Construction | 5/03 |
| Complete Construction | 10/03 |
| Scheduled Project Closeout | 12/03 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WP513 – McKinley Marina Redevelopment**

An appropriation of $550,000 is budgeted for the first of two phases to replace the bulkhead wall and close the boat well opening east of the Old Coast Guard Station. This project will be financed by general obligation bonds.

Planning and improvements at the McKinley Marina began in 1994 and have continued through 2003. In addition to a market study and feasibility analysis completed in 1996, and "The Plan for the Phased Development of McKinley Marina, McKinley Park and Veterans Park" completed in 1999, several construction projects have been completed at the Marina over the last ten years. These include the construction of a new entrance breakwater, a new interior breakwater, a new fuel dock, replacement of fixed docks and finger piers with new floating dockage (including new utility services), and the renovation of the center section and south section tenant restrooms. Replacement of the north section tenant restrooms and the construction of an observation deck will begin late in 2003.

The bulkhead wall east of the Coast Guard Station is failing. Sections have fallen into Lake Michigan. This represents a significant safety hazard to the public and to that section of the lakefront during storms. In 2003, an appropriation transfer occurred to utilize $148,200 in available funds budgeted in the 2002 Adopted Capital Improvements Budget toward planning for the reconstruction of the seawall.

Although funds are currently available for planning and design, this phase is on hold pending further discussions with Honor Our Neighbors Origins and Rights (HONOR). In March, the County Board approved, in concept, a proposal by HONOR to restore the Coast Guard Station and develop it as a Wisconsin Indian History Cultural Center. The Department of Parks and Public Infrastructure (formerly Department of Public Works) anticipate that these discussions will be completed and a final plan will be developed in time for construction to begin in 2004.

The total cost of the construction is $1,043,020. An additional $493,020 will be requested in 2005 to complete the reconstruction of the seawall. Deferring half of the appropriation until 2005 will allow the project to maintain an appropriate level of cash flow and avoid potential arbitrage penalties.

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

**Staffing Plan**

Overall project management will be performed by Department of Parks and Public Infrastructure staff. The project manager during construction will be Karl Stave. Specialized consultants may be used for some components of the planning, design and construction management phases of the project, including but not limited to planning, design, archeological surveys, soils investigations, material testing, environmental testing, construction surveying, construction inspection, construction management, etc., as required

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS

## SECTION 8
## ZOO

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WZ011 | Feline Building Renovation | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Zoological Department | Parks, Recreation and Culture |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 1 | Sue Rand | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | $500,000 | | | | $500,000 |
| 2004 | $4,391,000 | | | | $4,391,000 |
| 2005 | $1,000,000 | | | | $1,000,000 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $5,891,000 | $0 | $0 | $0 | $5,891,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $475,000 | $649,796 | $122,480 | $1,247,276 |
| Construction & Implementation | | $4,226,204 | $356,856 | $4,583,060 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | $25,000 | $15,000 | $20,664 | $60,664 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $300,000 | $532,558 | $42,480 | $875,038 |
| DPW Charges | $175,000 | $117,238 | $80,000 | $372,238 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | $5,000 | $15,000 | $20,664 | $40,664 |
| Buildings/Structures | | $4,226,204 | $356,856 | $4,583,060 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | $20,000 | | | $20,000 |
| **Total Project Cost** | $500,000 | $4,891,000 | $500,000 | $5,891,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $4,391,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $4,391,000 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Philip Hung | Walter Wilson | 30 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $147,791 |
| Total Expenditures to Date | $147,791 |
| Encumbrances | $293,906 |
| **Available Balance** | $58,304 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $196,367 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $155,800 |
| Change in Annual Costs | $352,167 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $352,167 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | N/A |
| Complete Preliminary Plans | 6/03 |
| Complete Final Plans & Specifications | 11/03 |
| Begin Construction | 01/04 |
| Complete Construction | 06/05 |
| Scheduled Project Closeout | 12/05 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WZ011 - Feline Building Renovation**

An appropriation of $4,391,000 is budgeted in 2004 for construction of the Feline Building. Financing will be provided from general obligation bonds. In 2003, $500,000 was budgeted for planning and design.

This project is part of the joint Zoological Society/Milwaukee County Zoo Capital Improvements Program. The project consists of a complete renovation of the existing building interior, with several exhibit additions and improvements adjacent to the building. Construction is scheduled for 2004 and 2005. The initial design included a conceptual component that incorporates the Pachyderm Area, which is also part of the overall Capital Improvement Program. The Pachyderm Area is adjacent to the Feline Building. The conceptual design includes both areas to ensure an integrated visitor experience and coordinated Zoo operations.

The total construction budget for this project was increased by $1,700,000 to $7,341,000. The entire increase will be financed from contributions from the Zoological Society. Contracts for the $1,700,000 will be independent of the County and, therefore, there will not be an appropriation or offsetting revenue for the $1,700,000 included in the County's Capital Improvement Budget. The County's construction costs will remain at the initial cost of $5,391,000.

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

**Staffing Plan**

Department of Parks and Public Infrastructure (formerly 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.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WZ014 | Zoo Infrastructure Improvements | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Zoological Department | Parks, Recreation and Culture |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 2 | Sue Rand | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $8,261,631 | | $100,000 | | $8,161,631 |
| 2003 | $1,506,000 | | | | $1,506,000 |
| 2004 | $1,742,690 | | $191,373 | | $1,551,317 |
| 2005 | $165,000 | | | | $165,000 |
| 2006 | $1,500,000 | | | | $1,500,000 |
| 2007 | $1,500,000 | | | | $1,500,000 |
| 2008 | $1,500,000 | | | | $1,500,000 |
| SUBSEQUENT | $1,500,000 | | | | $1,500,000 |
| TOTAL | $17,675,321 | $0 | $291,373 | $0 | $17,383,948 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $620,325 | $302,882 | | $923,207 |
| Construction & Implementation | $3,242,500 | $1,439,808 | $6,165,000 | $10,847,308 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | $5,904,806 | | | $5,904,806 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $433,975 | $181,769 | | $615,744 |
| DPW Charges | $327,023 | $121,113 | | $448,136 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | $47,194 | | | $47,194 |
| Buildings/Structures | $1,293,350 | $930,000 | | $2,223,350 |
| Land/Land Improvements | $149,958 | $509,808 | | $659,766 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | $7,516,131 | | $6,165,000 | $13,681,131 |
| **Total Project Cost** | $9,767,631 | $1,742,690 | $6,165,000 | $17,675,321 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $191,373 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | $122,500 |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $1,428,817 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $1,742,690 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| DPW - Various | Karl Stave | 20 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $7,116,898 |
| 2002 Expenditures | $829,876 |
| 2003 Expenditures | $635,866 |
| Total Expenditures to Date | $8,582,639 |
| Encumbrances | $198,740 |
| **Available Balance** | $986,252 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $850,778 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $444,985 |
| Change in Annual Costs | $1,295,763 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $1,295,763 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | N/A |
| Complete Preliminary Plans | Various |
| Complete Final Plans & Specifications | Various |
| Begin Construction | Various |
| Complete Construction | Various |
| Scheduled Project Closeout | Various |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WZ014 - Zoo Infrastructure Improvements**

An appropriation of $1,742,690 is budgeted for various infrastructure projects at the Zoo. Financing will be provided from $191,373 in state grants, $122,500 in sales tax and $1,428,817 in general obligation bonds.

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 1.35 million people per year, the Zoo's equipment and structures require ongoing repair and maintenance.

A multi-year, intensive infrastructure renovation project was started in 1990. This capital project consists of major maintenance appropriations to provide the proper level of equipment and building maintenance required for these facilities. Prior appropriations for infrastructure improvements have been approximately $1.5 million annually since 1999 in accordance with the five-year Memorandum of Understanding between the Milwaukee County Zoological Society and Milwaukee County. The 2004 Capital Improvement Budget is the last year of the five-year agreement. Infrastructure improvements for 2004 total $1,742,690 and include the following work elements identified by sub-project number:

| | |
|---|---|
| 01) Asphalt Replacement | $ 100,000 |
| 02) Walkway Lighting | $ 180,000 |
| 03) Zoofari Renovations | $ 15,000 |
| 04) North American Erosion Control ($73,873 State grant) | $ 215,290 |
| 05) Aviary Building Re-roof | $ 96,000 |
| 06) Replace Air Handling – Administration | $ 234,000 |
| 07) Phone & Fiber Upgrade – Lower & Upper Zoo | $ 50,400 |
| 08) Replace Train Station and Loading Area | $ 300,000 |
| 09) Picnic Pavilion Renovations – Maple | $ 120,000 |
| 10) Picnic Pavilion Renovations – Oak | $ 120,000 |
| 11) Dairy Barn Roof | $ 72,000 |
| 12) Lake Evinrude Streambank Stabilization ($117,500 State grant and $122,500 in sales tax) | $ 240,000 |
| Totals | $1,742,690 |

**01. Asphalt Replacement ($100,000)** - The Zoo-wide asphalt replacement project is a continuation of an annual maintenance program to recondition the most urgent areas of the Zoo. The program began in 1991. Some areas of asphalt had not been reconditioned for 20 years. In some cases the asphalt was deteriorated to the point of being hazardous. Approximately $100,000 has been budgeted annually since the beginning of the program. The primary areas planned for replacement in 2004 include the areas near the Aviary service road to the back road near the north gate.

**02. Walkway Lighting ($180,000)** - This sub-project is to continue to improve the lighting throughout the Zoo for safety reasons and to support the growth of night events. The sub-project includes up to 25 poles and controls with related wiring. The primary areas planned for lighting in 2004 include the areas near the Polar Bear exhibit to the main drive near the front of the Zoo. This appropriation will conclude walkway lighting improvements at the Zoo.

**03. Zoofari Renovations ($15,000)** - This appropriation replaces overhead doors in the Boiler Room and at the Commissary.

**04. North American Erosion Control ($215,290)** – Construction or rebuilding of terrace, swale and install retaining walls as necessary in the elk yard, elk holding areas, and pony holding areas to reduce erosion and protect elk pond from sediments. The County will apply for a grant to correct the erosion. Financing for this sub-project will be provided from a $73,873 State Grant and $141,417 in general obligation bonds.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WZ014 - Zoo Infrastructure Improvements (Contd.)**

**05. Aviary Renovations ($96,000)** – The lower Aviary roofs have not been replaced since initial construction and leaks have caused some damage. The replacement of the roof involves stripping the old layer roof and the installation of a new roof.

**06. Replace Air Handling – Administration Building ($234,000)** – This appropriation involves replacement of all existing pneumatic controls of the Administration Building air handling unit. The scope of work would involve the replacement of controls wired to an operator workstation, existing water-cooled chiller with a self-contained chiller on the ground behind the Administration Building and the chilled water pump.

**07. Phone & Fiber Upgrade – Lower & Upper Zoo ($50,400)** – This project involves installation of telephone cabling and possible ductwork. A new 100 pair twisted phone cable and 48 cord multimode fiber optic cable are needed in the upper Zoo, from the Administration Building to the Small Mammal Building. A new 100-pair twisted phone cable and 24-core multimode fiber optic cable are needed in the lower Zoo, from the Administration Building to the Lakeview Concession Area. The cable and fiber would be installed using the Zoo's existing duct packages. Some of these ducts may have to be drilled out prior to pulling the cable.

**08. Replace Train Station and Loading Area ($300,000)** – Demolition and construction of a new train station is planned. Office and storage space will be increased in the new station. The size of the canopy that covers the ride platform would also be increased to cover the whole train platform.

**09. Picnic Pavilion Renovations – Maple ($120,000)** - Renovations include new partitions, painting, tile lighting, exhaust fans, flooring, and updated restrooms to comply with Americans with Disabilities Act (ADA) requirements.

**10. Picnic Pavilion Renovations – Oak ($120,000)** – This project updates the picnic pavilion including new partitions, painting, tile lighting, exhaust fans, flooring, and updated restrooms to comply with ADA requirements.

**11. Dairy Barn Roof ($72,000)** – Roof failures leading to leaks are threatening the building structure. Replacement of the wood shingle roof on the Dairy Barn to eliminate leaks is needed.

**12. Lake Evinrude Streambank Stabilization ($240,000)** – This appropriation is to perform streambank stabilization along approximately 1,000 feet of shoreline along Lake Evinrude. This sub-project will consist of excavating selected areas along the shoreline, adding filter fabric, adding bedding stone, and placing large field stones on the fabric to stabilize the shoreline. Financing for this sub-project will be provided from a $117,500 state grant and $122,500 in sales tax revenue.

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

**Staffing Plan**

Department of Parks and Public Infrastructure (formerly Department of Public Works) staff will be responsible for project management. Specialized consultants will be retained as needed.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS

## SECTION 9
## DHHS - BEHAVIORAL HEALTH DIVISION

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WE024 | Psychiatric Hospital Fire Alarm System - Design | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Behavioral Health Division | Health & Human Services |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 1 | Dennis M. Amaturo | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | | | | | $0 |
| 2004 | $136,800 | | | | $136,800 |
| 2005 | $600,000 | | | | $600,000 |
| 2006 | $631,200 | | | | $631,200 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $1,368,000 | $0 | $0 | $0 | $1,368,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | $136,800 | $91,200 | $228,000 |
| Construction & Implementation | | | $1,140,000 | $1,140,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | $111,800 | | $111,800 |
| DPW Charges | | $25,000 | $91,200 | $116,200 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | $1,140,000 | $1,140,000 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $0 | $136,800 | $1,231,200 | $1,368,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $136,800 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $136,800 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Thomas Pritzlaff & Steven Dragosz | Steve Dragosz | 10 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $136,800 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $36,180 |
| Change in Annual Costs | $172,980 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $172,980 |

## Project Schedule

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

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WE024 - Psychiatric Hospital Fire Alarm System - Design**

An appropriation of $136,800 is budgeted to hire a consultant to design a new fire alarm system in the Psychiatric Hospital of the Behavioral Health Complex. The consultant would develop a conceptual design and budget report for updating the fire alarm system to a smart, addressable system meeting current Americans with Disabilities Association (ADA) requirements. Financing will be provided from general obligation bonds.

The current system's smoke detectors and pull stations are original (1978) and the system's main control panel and field panels were installed in 1987. The field panels are needed so the original smoke detectors can communicate with the replacement main control panel. The main control panel is not directly compatible with the field devices (smoke detectors).

The current system requires extensive inspection and testing each and every week of the year. There are numerous announcements each week that the building's fire alarm system is being tested. Many staff now wait when they hear an alarm to verify that it is not a test before they take any action. An updated system with modern "smart" technology would minimize/lower the number of tests done weekly from 13 or more to one or two. This upgrade would significantly improve the staff's confidence in whether the system is reporting a real fire alarm or not by reducing the number of regularly scheduled tests. A smart system provides more specific information when a field device fails, which will result in quicker system repairs.

Actual purchase and installation funds would be requested in the budget year subsequent to the completion of the design phase, once system design is established and costs can be estimated. The estimated out-year costs of $600,000 and $631,200 are anticipated for 2005 and 2006 and are included in the five-year capital improvements plan.

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

**Staffing Plan:**

Overall project management would be completed by County staff.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS

## SECTION 10
## DPW - COUNTY GROUNDS

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WG008 | County Grounds Roadway Rehabilitation | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Department of Public Works | Facilities Management |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 1 | Frank J. Pritzlaff | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | $1,344,000 | | | | $1,344,000 |
| 2004 | $1,156,000 | | | | $1,156,000 |
| 2005 | | | | | $0 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $2,500,000 | $0 | $0 | $0 | $2,500,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $204,200 | $120,600 | | $324,800 |
| Construction & Implementation | $1,139,800 | $1,035,400 | | $2,175,200 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | $5,000 | | | $5,000 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $5,000 | | | $5,000 |
| DPW Charges | $199,200 | $120,600 | | $319,800 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | $1,139,800 | $1,035,400 | | $2,175,200 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $1,344,000 | $1,156,000 | $0 | $2,500,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $1,156,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $1,156,000 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Frank J. Pritzlaff | Fred Abadi | 15 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $102,146 |
| Total Expenditures to Date | $102,146 |
| Encumbrances | $744,675 |
| **Available Balance** | $497,178 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $166,667 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $66,118 |
| Change in Annual Costs | $232,785 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $232,785 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | |
| Complete Final Plans & Specifications | |
| Begin Construction | 4/15/04 |
| Complete Construction | 8/1/04 |
| Scheduled Project Closeout | |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WG008 - Milwaukee County Grounds Roadway Rehabilitation**

An appropriation of $1,156,000 is budgeted for construction for phase two of the rehabilitation of roadways in the southeast quadrant of the Milwaukee County Grounds. This project will be financed with general obligation bonds. The County will be reimbursed a percentage of the cost of the project by the Private Geographic Members (PGMs) of the Milwaukee Regional Medical Center. The cost-share percentage is based on square footage and is evaluated annually. Presently, it is 17.8 percent for Milwaukee County (DHS Behavioral Health Division) with the remaining 82.2 percent distributed to the other PGMs (Froedtert Hospital, Children's Hospital, Medical College of Wisconsin, Curative Rehabilitation Center and Blood Center of Southeastern Wisconsin).

Revenue reimbursement to the County by the PGMs will be consistent with the same method used for previous debt issuance by the County for outside entities. The debt service payment would be budgeted in the General Debt Service Fund budget.

Constructed in the early 1980s, these roadways have lost structural integrity and surface operational function. The rehabilitation of these roadways will be conducted in two consecutive years: North 87th Street from West Wisconsin Avenue to Watertown Plank Road and Connell Avenue from the Emergency Entrance to North 87th Street.

Planning and design have been completed. In 2003, $1,344,000 was budgeted for phase one for construction. Phase one construction began July 2003 and is expected to be completed in the fall of 2003.

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

**Staffing Plan**

Transportation staff will manage and perform the planning, design and construction management for this project. Specialized consultants may be used for some components of the basic planning and design, and construction management phases of the project, as needed.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS

## SECTION 11
## DEPARTMENT OF HEALTH & HUMAN SERVICES

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WS005 | 12th & Vliet Street Building Renovation | |

| Requesting Department or Agency | Functional Group |
|---|---|
| DPW Facilities Management | Department of Human Services |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 1 | Walter Wilson | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $4,833,231 | | | | $4,833,231 |
| 2003 | $650,000 | | | | $650,000 |
| 2004 | $4,686,800 | | | | $4,686,800 |
| 2005 | $800,720 | | | | $800,720 |
| 2006 | $814,000 | | | | $814,000 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $11,784,751 | $0 | $0 | $0 | $11,784,751 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $1,050,195 | $850,541 | $235,546 | $2,136,282 |
| Construction & Implementation | $4,133,036 | $3,686,259 | $1,379,174 | $9,198,469 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | $300,000 | | | $300,000 |
| Other | | $150,000 | | $150,000 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $669,725 | $502,865 | $148,788 | $1,321,378 |
| DPW Charges | $404,775 | $347,676 | $86,758 | $839,209 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | $4,108,731 | $3,686,259 | $1,379,174 | $9,174,164 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | $300,000 | | | $300,000 |
| Other Expenses | | $150,000 | | $150,000 |
| **Total Project Cost** | $5,483,231 | $4,686,800 | $1,614,720 | $11,784,751 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | $774,579 |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $3,912,221 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $4,686,800 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| Thomas Pritzlaff | Walter Wilson |

| Project Useful Life (Years) | 50 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $196,064 |
| 2002 Expenditures | $404,679 |
| 2003 Expenditures | $1,733,058 |
| Total Expenditures to Date | $2,333,801 |
| Encumbrances | $3,203,484 |
| **Available Balance** | ($54,054) |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $235,695 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $309,028 |
| Change in Annual Costs | $544,723 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $544,723 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 10/19/02 |
| Complete Final Plans & Specifications | 6/11/02 |
| Begin Construction | 3/26/03 |
| Complete Construction | 4/30/05 |
| Scheduled Project Closeout | 12/30/05 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WS005 - 12th & Vliet Streets Building Exterior & Interior Renovation & Infrastructure**

An appropriation of $4,686,800 is budgeted to complete renovation of the exterior and interior and selected infrastructure work of the 12th and Vliet Streets building. This project would be financed by $3,912,221 in general obligation bonds and $774,579 in sales tax revenue.

Exterior and interior improvements, which began in 2003, are being undertaken so that the Department of Health and Human Services (DHHS) could ultimately centralize its operations as their leases expire in other locations. The Department of Parks and Public Infrastructure (formerly Department of Public Works), which is managing the project, anticipates the building renovations to be complete by March of 2004. The building has been designed to house approximately 530 employees.

The 2003 Adopted Capital Improvements Budget included an appropriation of $650,000 for various mechanical systems improvements to the 12th and Vliet Streets building. Improvements include the reconstruction of the basement air distribution system, waterproofing to contain basement leakage and rehabilitation of utilities damaged by leakage.

The following work elements are included in the 2004 project: demolition and removal, relocation of employees and furniture, removal and installation of new telecommunications and data cabling systems that meet current technology standards. In addition, the existing freight elevator will be repaired and upgraded to meet current Americans with Disabilities Act (ADA) standards as well as State and local elevator codes.

In addition, the mechanical work in the basement that began in 2003 will be continued into 2004. Finally, the main building electrical distribution switchgear will be upgraded to meet current and future load demands. Several malfunctioning breakers will be replaced with new ones. This work will extend the life of the switchgear for many more years and save the cost of purchasing new switchgear.

The 2004 costs are divided into two tables: Building Renovation and Infrastructure Improvements

**Building Renovation**

| | |
|---|---|
| IMSD Cabling | $ 61,000 |
| DHHS Move from Annex | 208,800 |
| DHHS Move from Schlitz Park | 320,000 |
| DHHS Move from Keg House | 140,000 |
| Additional Environmental Abatement | 75,000 |
| Refurbish 180 G-F Workstations | 242,000 |
| Stairwell Building Code Compliance | 150,000 |
| Professional Fees (2003 remainder) | 265,000 |
| Professional Fees (2004) | 44,000 |
| Construction | 1,550,000 |
| Total | $3,055,800 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WS005 - 12th & Vliet Street Building Exterior & Interior Renovation & Infrastructure (Contd.)**

**Infrastructure Improvements**

| | |
|---|---|
| Basement Air Distribution | $ 70,000 |
| Chiller and Condenser Tower | 650,000 |
| Boiler Design and Replacement | 350,000 |
| Basement Lighting Upgrade | 150,000 |
| Switchgear Upgrade | 42,000 |
| Water Leak Repair | 100,000 |
| Freight Elevator Repairs | 160,000 |
| Professional Fees | 109,000 |
| Total | $1,631,000 |

**2005-2006 Improvements**

The work elements anticipated for 2005 include construction of a shelter over the parking lot to prevent leaks into the basement and air handling unit controls at an estimated cost of $800,720. The 2006 budget is anticipated to include $314,000 in improvements to the north entrance to make it handicap accessible. Currently, persons with disabilities are forced to use the freight elevator at the building's loading dock or enter the opposite side (the south side) of the building.

Including the exterior and interior renovations and the mechanical improvements, the total budget is estimated to be approximately $12,149,751 thru 2006.

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

**Staffing Plan**

Department of Parks and Public Infrastructure (formerly Department of Public Works) staff will be responsible for project management. Specialized consultants will be retained as needed. The project managers will be Walter Wilson, AIA and David Gulgowski, PE.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WS013 | Senior Center Infrastructure Improvements | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Department on Aging | Health and Human Services |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 2 | Mary Proctor Brown | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | $308,000 | | | | $308,000 |
| 2004 | $351,600 | | | | $351,600 |
| 2005 | $518,400 | | | | $518,400 |
| 2006 | $687,602 | | | | $687,602 |
| 2007 | $360,000 | | | | $360,000 |
| 2008 | $206,380 | | | | $206,380 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $2,431,982 | $0 | $0 | $0 | $2,431,982 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $48,372 | | $304,380 | $352,752 |
| Construction & Implementation | $255,706 | $351,600 | $1,468,002 | $2,075,308 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | $3,922 | | | $3,922 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $31,376 | | | $31,376 |
| DPW Charges | $16,996 | | $304,380 | $321,376 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | $3,922 | | | $3,922 |
| Buildings/Structures | $255,706 | $351,600 | $1,468,002 | $2,075,308 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $308,000 | $351,600 | $1,772,382 | $2,431,982 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $351,600 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $351,600 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| Thomas Pritzlaff | William Robedeau |

| Project Useful Life (Years) | 25 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $36,466 |
| Total Expenditures to Date | $36,466 |
| Encumbrances | $84,995 |
| **Available Balance** | $186,539 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $97,279 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $64,319 |
| Change in Annual Costs | $161,598 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $161,598 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | N/A |
| Complete Preliminary Plans | 2/06/04 |
| Complete Final Plans & Specifications | 3/05/04 |
| Begin Construction | 3/22/04 |
| Complete Construction | 5/21/04 |
| Scheduled Project Closeout | 10/15/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WS013 – Department on Aging Infrastructure**

An appropriation of $351,600 is budgeted for mechanical system improvements to senior centers being managed by the Department on Aging. This appropriation would be financed by general obligation bonds.

The 2004 budgeted appropriation would address the two most critical infrastructure needs identified by the Department on Aging and Department of Parks and Public Infrastructure (formerly Department of Public Works) for the Rose Senior Center. The first priority is the replacement of the lighting followed by the replacement of the existing heating, ventilating and air conditioning (HVAC) system.

**WS01316 – Rose Senior Center – Lighting Replacement – Priority 1**
An appropriation of $81,600 is budgeted to replace all existing lighting to brighten the interior of the facility and improve energy efficiency.

**WS01305 – Rose Senior Center – HVAC Replacement – Priority 2**
An appropriation of $270,000 is budgeted to begin the HVAC replacement in 2004. The heating and cooling systems are operated by a combination of ceiling mounted fan coil units, fin tube radiation and electric ceiling mounted cabinet heaters and small wall mounted space heaters. Much of the equipment dates back to the original construction of the building. The main air handling unit exhibits evidence of corrosion and signs of grease leakage from the fan shaft. In addition, ceiling tiles have been replaced and continue to soil and mold due to condensation from piping.

The total cost of replacing the HVAC system is $788,400, which is budgeted to occur over 2004 to 2005. In 2004, the chiller and cooling tower will be replaced for $270,000. This includes design costs of $26,175 and construction costs of $243,825. If the chiller is completed in 2004, then the unit ventilators, piping and air handler can be done in 2005 for $518,400.

HVAC improvements would correct the quantity and quality of air delivery and produce energy efficiency at Rose Senior Center.

The following infrastructure projects have been included on the five-year capital plan:

**WS01317 – Washington Park Senior Center HVAC Improvements – Priority 3**
An appropriation of $205,200 is included in 2006 to replace the HVAC system at Washington Park Senior Center. Approximately three years ago, the HVAC units were assessed to be operating at 74 percent of air delivery. All exhaust fans are operating significantly less than designed or not working at all.

HVAC improvements would correct the quantity and quality of air delivery and produce energy efficiency at Washington Park Senior Center. This improvement should aid in the prevention of computer and exercise equipment overheating. The planning and design phase was completed in 2003.

**WS01318 – McGovern Park Senior Center HVAC Improvements – Priority 4**
An appropriation of $211,680 is included in 2006 and an appropriation of $93,478 is included in 2008 to replace the HVAC system at McGovern Park Senior Center. Approximately three years ago, the HVAC units were assessed to be deficient in quantity of air delivery. The air delivery system was measured at slightly more than 50 percent. Also, the circulating pump's discharge and suction pressure measurements seem to be operating at approximately 50 percent.

An appropriation of $308,000 was included in the 2003 Adopted Capital Improvements Budget for infrastructure improvements to Clinton Rose Park, Washington Park, McGovern Park and Kelly Senior Centers.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WS013 – Department on Aging Infrastructure (Contd.)**

**WS01319 – Senior Center Improvements – General** – This project is projected to receive appropriations of $270,722 in 2006, $360,000 in 2007 and $112,902 in 2008 to address a variety of infrastructure improvements at all of the senior center sites managed by the Department of Aging.

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

**Staffing Plan**

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

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS

## SECTION 12
## COURTHOUSE COMPLEX

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WC016 | Courthouse Complex Roof Replacement | |

| Requesting Department or Agency | Functional Group |
|---|---|
| DPW Facilties Management | General Government |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 1 | Walter Wilson | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $37,470 | | | | $37,470 |
| 2003 | $1,044,417 | | | | $1,044,417 |
| 2004 | $1,417,550 | | | | $1,417,550 |
| 2005 | $900,000 | | | | $900,000 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $3,399,437 | $0 | $0 | $0 | $3,399,437 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $211,887 | $233,725 | $154,325 | $599,937 |
| Construction & Implementation | $870,000 | $1,129,325 | $745,675 | $2,745,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | $54,500 | | $54,500 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $109,400 | $75,288 | $49,712 | $234,400 |
| DPW Charges | $54,917 | $158,437 | $104,613 | $317,967 |
| Capitalized Interest | $47,570 | $54,500 | | $102,070 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | $870,000 | $1,129,325 | $745,675 | $2,745,000 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $1,081,887 | $1,417,550 | $900,000 | $3,399,437 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $1,403,950 |
| Airport Reserve | |
| Investment Earnings | $13,600 |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $1,417,550 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| Thomas Pritzlaff | Walter Wilson |

| Project Useful Life (Years) | 50 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $11,769 |
| 2003 Expenditures | $21,357 |
| Total Expenditures to Date | $33,126 |
| Encumbrances | $82,637 |
| **Available Balance** | $966,124 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $67,989 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $89,905 |
| Change in Annual Costs | $157,894 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $157,894 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 8/13/03 |
| Complete Final Plans & Specifications | 8/30/04 |
| Begin Construction | 10/26/04 |
| Complete Construction | 3/30/05 |
| Scheduled Project Closeout | 5/30/05 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WC016 - Courthouse Roof Replacement**

An appropriation of $1,417,550 is budgeted, including $54,500 in capitalized interest charges, for 2004 to continue replacement of the Courthouse roof. Financing will be provided from $1,403,950 in general obligation bonds and $13,600 in investment earnings.

All of the existing roofs that cover the Courthouse complex are over 30 years old and have continuous leaking problems. Ongoing roof repairs have not resolved any of the reoccurring problems with leaking. Therefore, planning and design costs of $37,470 in 2002, and construction costs of $1,044,417 in 2003 were budgeted for replacement of the seventh and eighth floor roofs of the Courthouse. The total cost of the project is expected to be $3,344,937.

The results of the work of the roof design/construction consulting team have been completed and reviewed, and a final design consultant was selected to prepare construction documents so that bids can be solicited to completely remove the existing roof. Test results indicate that the entire Courthouse roof (88,542 square feet) must be replaced due to deterioration in addition to the seventh and eight floor roofs. In some places, the roof top is above the seventh floor and in other places the roof top is above the eighth floor.

The consultant estimated that construction work could begin in the year 2003 and would cost approximately $2.7 million when accounting for other associated work such as parapet repair and hazardous material removal. It has not been determined whether the roof can be completed within one year. Originally, Department of Parks and Public Infrastructure (formerly Department of Public Works) had planned to complete the roof replacement in 2005 in three phases (including planning and design as phase one). It is certain, however, that the complexity of the project will require the use of a tower crane. The crane, once assembled, is expected to remain at the project site until the entire roof is completed. Due to the feasibility of the tower crane remaining at the project site, the roof will most likely be completed as one phase rather than the other alternative of completing the project in two phases.

The cost to continue construction for the project is $2,263,050, and will be budgeted over 2004 and 2005 in order to maintain an appropriate level of cash flow. Therefore, the actual payment for the $2,263,050 of the remaining construction costs is anticipated to occur in both 2004 and 2005. A contract for the entire project was executed in 2003 so that work can proceed. An appropriation of $900,000 will need to be included in a future capital improvements budget to address the remaining cash needs of the project.

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

**Staffing Plan**

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

# 2004 REQUESTED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WC021 | Criminal Justice Facility Video Visitation | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Sheriff | Public Safety |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 5 | George Brotz | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | | | | | $0 |
| 2004 | $600,000 | | | | $600,000 |
| 2005 | | | | | $0 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $600,000 | $0 | $0 | $0 | $600,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | $100,000 | | $100,000 |
| Construction & Implementation | | $500,000 | | $500,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | $60,000 | | $60,000 |
| DPW Charges | | $40,000 | | $40,000 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | $500,000 | | $500,000 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $0 | $600,000 | $0 | $600,000 |

## Budget Year Financing

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

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Thomas Pritzlaff | Steve Dragosz | 15 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $40,000 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $15,868 |
| Change in Annual Costs | $55,868 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $55,868 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 2/31/04 |
| Complete Final Plans & Specifications | 3/31/04 |
| Begin Construction | 4/31/04 |
| Complete Construction | 6/31/04 |
| Scheduled Project Closeout | 8/31/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WC021 - CJF Video Visitation**

An appropriation of $600,000 is budgeted to install a video visitation system at the Criminal Justice Facility (CJF). Financing will be provided by general obligation bonds.

The appropriation of $600,000 is to construct a video visitation area within the current visitors area of the Criminal Justice Facility (CJF). The video visitation project includes demolition, construction and equipment. Installation of the system will provide a greater level of jail security. Once the project is completed, visitors would remain on the lowest level of the CJF, where visits would take place by closed circuit television. The actual number of video visiting booths installed would be less than is currently available with face to face visiting. However, with the elimination of the movement of visitors to the floors, it is anticipated the number of inmates able to be visited daily would not decrease.

This project consists of the following:

- 23 visitor booths constructed in the area now used for visitor waiting. Booths would be constructed to allow for seating two persons at each booth.
- Monitors, microphones and speakers at two booth locations of each housing pod.
- A personal computer (PC) controller location. The PC controller allows for the deputy or Law Enforcement Assistant to select which inmate booth video is routed through the system to be viewed at a particular visitor booth. The locations will need to be communicated between the control station of the housing unit and this officer station.
- An equipment room for the equipment rack, located out of the secure perimeter to allow for vendor access.
- A 120 –volt duplex receptacle at all booth locations, a PC control station location and equipment rack.

The system should provide for off-site video conferencing via the officer control station. This is to be achieved from any inmate booth.

Currently, visitation is allowed three days per week, 7:00 a.m. to 9:00 p.m.

The video visitation area would be constructed on the first floor. Only one Law Enforcement Assistant or deputy per shift would be required to supervise the visitation area. Sheriff's Department staff indicates implementation would result in decreased operating expenses of $253,229 annually through the abolishment of two Law Enforcement Assistant positions and the elimination of 4,992 overtime hours for deputies. The project is scheduled to be completed by September 2004. Therefore, savings of $84,410 have been budgeted in the Sheriff's operating budget for 2004. The balance of $168,819 in savings will be budgeted in 2005.

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

**Staffing Plan**

Department of Parks and Public Infrastructure (formerly Department of Public Works) staff will be responsible for project management. Specialized consultants will be retained as needed.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WC028 | Community Correction Center Infrastructure | |

| Requesting Department or Agency | Functional Group |
|---|---|
| DPW - Facilities Management | General Government |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 3 | John H. Bitz | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | | | | | $0 |
| 2004 | $145,600 | | | | $145,600 |
| 2005 | $260,000 | | | | $260,000 |
| 2006 | $250,000 | | | | $250,000 |
| 2007 | $210,000 | | | | $210,000 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $865,600 | $0 | $0 | $0 | $865,600 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | $100,000 | $46,957 | $146,957 |
| Construction & Implementation | | $40,000 | $673,043 | $713,043 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | $5,600 | | $5,600 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | $100,000 | | $100,000 |
| DPW Charges | | | $46,957 | $46,957 |
| Capitalized Interest | | $5,600 | | $5,600 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | $673,043 | $673,043 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | $40,000 | | $40,000 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $0 | $145,600 | $720,000 | $865,600 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $144,200 |
| Airport Reserve | |
| Investment Earnings | $1,400 |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $145,600 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| John H. Bitz | Walter Wilson |

| Project Useful Life (Years) | 30 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $28,853 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $22,893 |
| Change in Annual Costs | $51,746 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $51,746 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | n/a |
| Complete Preliminary Plans | 04/04 |
| Complete Final Plans & Specifications | 05/04 |
| Begin Construction | 07/04 |
| Complete Construction | 10/04 |
| Scheduled Project Closeout | 12/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WC028 – Community Correction Center Infrastructure**

An appropriation of $145,600 is budgeted, including $5,600 in capitalized interest charges, for renovations in the Community Correction Center. Financing will be provided from $144,200 in general obligation bonds and $1,400 in investment earnings.

The Community Correction Center (CCC) is a five-story building formerly known as St. Anthony's Hospital located on Tenth Street and State Street.

Several complaints have been received concerning the condition of the facility from inmates, judges and CCC staff. The City of Milwaukee Department of Building Inspectors has recorded numerous building code violations at the facility. The 2004 appropriation will provide the initial funding to begin overhauling and retuning two elevators, replacing the heating units, and removal of bathroom fixtures on the third floor.

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

**Staffing Plan**

Department of Parks and Public Infrastructure (formerly Department of Public Works) staff will be responsible for project management. Specialized consultant will be retained as needed.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS

## SECTION 13
## HOUSE OF CORRECTION

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WJ014 | HOC Infrastructure Improvements | |

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

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 2 | David J. Lehmann | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $287,895 | | | | $287,895 |
| 2003 | $0 | | | | $0 |
| 2004 | $217,160 | | | | $217,160 |
| 2005 | $250,000 | | | | $250,000 |
| 2006 | $250,000 | | | | $250,000 |
| 2007 | $250,000 | | | | $250,000 |
| 2008 | $250,000 | | | | $250,000 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $1,505,055 | $0 | $0 | $0 | $1,505,055 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $49,256 | $30,360 | | $79,616 |
| Construction & Implementation | $234,645 | $186,800 | $1,000,000 | $1,421,445 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | $3,994 | | | $3,994 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $31,950 | $18,260 | | $50,210 |
| DPW Charges | $21,300 | $12,100 | | $33,400 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | $234,645 | $186,800 | $1,000,000 | $1,421,445 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $287,895 | $217,160 | $1,000,000 | $1,505,055 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | $31,560 |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $185,600 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $217,160 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| T. Pritzlaff, S. Dragosz, I. Zusevics | Ivars Zusevics | 15 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $15,089 |
| 2002 Expenditures | $170,854 |
| 2003 Expenditures | $77,240 |
| Total Expenditures to Date | $263,183 |
| Encumbrances | $8,965 |
| **Available Balance** | $15,747 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $100,337 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $39,804 |
| Change in Annual Costs | $140,141 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $140,141 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | |
| Complete Final Plans & Specifications | 1/31/04 |
| Begin Construction | 2/1/04 |
| Complete Construction | 12/31/04 |
| Scheduled Project Closeout | 12/31/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WJ014 - HOC Infrastructure Improvements**

An appropriation of $217,160 is budgeted for various infrastructure projects at the House of Correction. Financing would be provided from $185,600 in general obligation bonds and $31,560 in sales tax revenue.

This capital project consists of major maintenance appropriations to provide the proper level of equipment and building maintenance required for these facilities.

Prior appropriations for infrastructure improvements include $200,000 for 2001 and $155,000 for 2002. Due to increased costs for the renovation of the Adult Correctional Center in 2001, $50,105 was transferred from the HOC Infrastructure Improvements project to the ACC project.

Infrastructure improvements for 2004 total $217,160 and include the following work elements identified by sub-project number:

**12. Light Fixtures Upgrade ($20,000)** – current fixtures are old and inefficient. Replacement bulbs are both costly to purchase and even more costly to dispose of due to environmental concerns.

**13. ACC Asbestos Abatement ($16,560)** - numerous locations in the Adult Correctional Center (ACC) have exposed asbestos that creates a health hazard. Financing for this sub-project will be provided from $16,500 in sales tax revenue.

**14. Roadway Repair ($15,000)** – some of the roadways within the facility are in major disrepair, replacement and resurfacing are needed to preserve these roads. Financing for this sub-project will be provided from $15,000 in sales tax revenue.

**15. Replace Main Water Line in ACC ($81,600)** – the old water main is over 50 years old and has been patched and repaired many times. Repairs are beginning to be more costly than replacing.

**16. Rooftop Guardrail ($18,000)** – a guardrail to prevent accidental falls while servicing equipment located on the rooftop will be installed.

**17. Upgrade Security Cameras ($66,000)** – current cameras are obsolete. Repair costs have increased significantly and parts have become very difficult to obtain.

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

**Staffing Plan**

Department of Parks and Public Infrastructure (formerly Department of Public Works) staff will be responsible for project management. Specialized consultants will be retained as needed.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WJ022 | Upgrade Fire Alarm System | |

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

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 1 | David J. Lehman | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | | | | | $0 |
| 2004 | $200,000 | | | | $200,000 |
| 2005 | $364,000 | | | | $364,000 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $564,000 | $0 | $0 | $0 | $564,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | $94,000 | | $94,000 |
| Construction & Implementation | | $470,000 | | $470,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | $56,400 | | $56,400 |
| DPW Charges | | $37,600 | | $37,600 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | $470,000 | | $470,000 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $0 | $564,000 | $0 | $564,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $200,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $200,000 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Thomas Pritzlaff, Steve Dragosz | Steve Dragosz | 10 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $56,400 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $14,916 |
| Change in Annual Costs | $71,316 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $71,316 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | |
| Complete Final Plans & Specifications | 3/1/04 |
| Begin Construction | 4/1/04 |
| Complete Construction | 6/31/04 |
| Scheduled Project Closeout | 12/31/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WJ022 - Upgrade Fire Alarm System**

An appropriation of $200,000 is budgeted to upgrade the fire alarm system in the Adult Correctional Center (ACC) at the House of Correction (HOC). Financing would be provided from general obligation bonds.

The fire alarm system installed in the ACC, Franklin M. Lotter building (FML), and the 600-bed facility are all out of date. The system no longer meets the revised national code requirements of the National Fire Protection Association and National Electrical Code. The codes were revised after installation of the system. Due to technological advances in recent years, the alarm system is no longer manufactured. All of the fire alarms must be replaced, as they do not meet national codes.

The project would consist of replacement of all smoke detector heads and smoke detector guards, rewiring, and appropriate reprogramming of the fire alarm system. Out-year cost of $364,000 is budgeted to continue upgrading the fire alarm systems in the FML building and the 600-bed facility.

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

**Staffing Plan**

Department of Parks and Public Infrastructure (formerly Department of Public Works) staff will be responsible for project management. Specialized consultants will be retained as needed.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS

## SECTION 14
## OTHER COUNTY AGENCIES

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | | 4789-2004 |
|---|---|---|---|
| WO010 | County Web, Internet and Electronic Commerce Development | | |
| Requesting Department or Agency | | Functional Group | |
| Information Mangement Services | | Other Agencies | |
| Department Priority | Person Completing Form | | Date |
| 4 | E. Thundercloud | | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $867,437 | | | | $867,437 |
| 2003 | $0 | | | | $0 |
| 2004 | $200,000 | | | | $200,000 |
| 2005 | $100,000 | | | | $100,000 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $1,167,437 | $0 | $0 | $0 | $1,167,437 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $575,437 | $200,000 | $100,000 | $875,437 |
| Construction & Implementation | | | | $0 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | $292,000 | | | $292,000 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $575,437 | $200,000 | $100,000 | $875,437 |
| DPW Charges | | | | $0 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | $292,000 | | | $292,000 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $867,437 | $200,000 | $100,000 | $1,167,437 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | $200,000 |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $200,000 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| | |

Project Useful Life (Years) 5

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $580,926 |
| 2002 Expenditures | $46,128 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $627,054 |
| Encumbrances | $30,957 |
| **Available Balance** | $209,426 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $233,487 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $21,883 |
| Change in Annual Costs | $255,371 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $255,371 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 8/03 |
| Complete Final Plans & Specifications | 12/03 |
| Begin Construction | 9/03 |
| Complete Construction | 12/05 |
| Scheduled Project Closeout | 12/05 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO010 – County Web, Internet & E-Commerce Development**

An appropriation of $200,000 is budgeted for staff ($80,000) and consulting services ($120,000) related to web services. This appropriation is financed by sales tax revenue.

The 2004 budget will finance consultant services to address the development of common processing of payments, collections and forms at a cost of $60,000 in the first quarter of 2004, electronic reporting assessment at a cost of $20,000 in the second quarter and implementation of security software and streamlined procedures at a cost of $40,000 in the third quarter.

**Long-term/Short-term Objectives**

The long-term web services vision is to utilize web technologies and streamline internal processes to provide better support of Milwaukee County constituents, employees and business partners. The near-term objectives include:

- Creating a single County web portal that is easy to use and information is easy to find
- Enabling self-service for constituents, employees, and partners in a secure manner
- Utilizing industry standard technology and processes to provide quality service within existing resource constraints
- Allowing re-use of shared web services such as electronic collections or payments

**Web Development Strategy**

The strategy for the web development project is to develop the underlying technical infrastructure and standard policies now to provide better long-term customer support at less cost. Each initiative also provides opportunities for internal process improvements and supports Homeland Security initiatives.

A detailed cost/benefit analysis will be part of the assessment phase of each initiative before proceeding to any development. Typical cost savings from these initiatives come from software support costs, hardware costs, information technology productivity and employee productivity.

Gartner Group, a leading technology research firm, has found the biggest cost savings for governmental entities (both short-term and long-term) come from infrastructure consolidation. Gartner has studied various public sector approaches to "e-Government" and has determined the most effective use of technology to be grounded in well-planned e-government architecture. They state that 70 percent of governments that do not develop this architecture will duplicate efforts and infrastructure and will fail to meet constituent expectations for service delivery, resulting in complaints and wasted public funds. Constituents' expectations have been raised, based primarily on their private sector experience with the web (i.e. Amazon.com). A prerequisite to successful e-government is the presence of a solid foundation of technology, policies, and processes. From a cost savings standpoint, Gartner has also found that deferring infrastructure investment provides short-term cost savings but may result in higher expenses in the long run.

The following table identifies the initiatives to be undertaken by IMSD from 2003 to 2005 with regard to web development:

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO010 – County Web, Internet & E-Commerce Development (Contd.)**

| Year of Completion | Initiative | Deliverable |
|---|---|---|
| 2003/2004 | Web services infrastructure | Consolidation of domains, network platforms and email systems |
| 2004 | Network security upgrades | Select and install industry leading network security software and processes |
| 2004 | Network monitoring software | Select and install industry leading network monitoring software and processes |
| 2003/2004 | County website redeployment | 1. Consolidate 10 existing websites into one main site 2. Develop self-service capability (examples are online job applications and payment of delinquent property taxes) 3. Develop standards to allow departments to manage their own web content |
| 2003/2004 | Intranet | 1. Create Countywide intranet where content is maintained by each division 2. Develop self-service capabilities (examples include password resets and address changes) |
| 2003/2004 | Shared web services | Standard methods for web collections, payments and data entry forms |
| 2004/2005 | Electronic reporting | Streamline reporting process |
| 2005 | Application review | Identify internal process improvements |

For each initiative, a communication and status-reporting plan will be used to keep project sponsors and other stakeholders aware of the progress. Each initiative will include distinct checkpoints to review the status and approve the approach before moving ahead with the next phase. This helps reduce the financial risk that the initiatives will not deliver the expected benefits by breaking it down into manageable phases.

The next step for each initiative is an assessment phase, to further define the scope and develop the workplan and cost/benefit analysis with the appropriate checkpoints to be reviewed and approved.

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

**IMSD Staffing Plan**

IMSD staff will perform project management, business analysis and application and infrastructure development for the project. It is anticipated that recruitment for the Internet Project Developer will begin in January, 2004 and an individual will be on board by March. Consultant services will be used to develop the ability to handle forms, collections and payments on the website.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | | 4789-2004 |
|---|---|---|---|
| WO021 | Milwaukee County Public Art Program | | |
| Requesting Department or Agency | | Functional Group | |
| Department of Administrative Services - Fiscal Affairs | | General Government | |
| Department Priority | Person Completing Form | Date | |
| | Clare O'Brien | September 15, 2003 | |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $591,478 | | | | $591,478 |
| 2003 | $98,284 | | | | $98,284 |
| 2004 | $163,334 | | | | $163,334 |
| 2005 | $170,000 | | | | $170,000 |
| 2006 | $170,000 | | | | $170,000 |
| 2007 | $170,000 | | | | $170,000 |
| 2008 | $170,000 | | | | $170,000 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $1,533,096 | $0 | $0 | $0 | $1,533,096 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $108,488 | $38,631 | $170,000 | $317,119 |
| Construction & Implementation | $581,274 | $115,893 | $518,810 | $1,215,977 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $108,488 | $38,631 | $170,000 | $317,119 |
| DPW Charges | | | | $0 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | $581,274 | $115,893 | $518,810 | $1,215,977 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $689,762 | $154,524 | $688,810 | $1,533,096 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | $40,834 |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $122,500 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $163,334 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Clare O'Brien | Greg High | 5 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $77,789 |
| 2002 Expenditures | $308,937 |
| 2003 Expenditures | $144,379 |
| Total Expenditures to Date | $531,105 |
| Encumbrances | $77,500 |
| **Available Balance** | $81,157 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $25,400 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $0 |
| Change in Annual Costs | $25,400 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $25,400 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | n/a |
| Complete Preliminary Plans | n/a |
| Complete Final Plans & Specifications | n/a |
| Begin Construction | 2003 |
| Complete Construction | 2005 |
| Scheduled Project Closeout | 2005 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO021 – Milwaukee County Public Art Program**

An appropriation of $163,334 is budgeted for the public art program. This project is financed by $122,500 in general obligation bonds and $40,834 in sales tax revenue.

In reviewing budgeted eligible projects for 2004, one percent of the costs for eligible projects equals approximately $163,334.

Not all of the projects listed on the proceeding page may provide opportunities for public art, but these projects appear eligible based on the Milwaukee County One Percent for Art Program Guidelines. The Public Art Committee may decide that funds from a specific improvement project are insufficient or that the site is inappropriate for public art. Funds may then be transferred to other Percent for Art projects or remain in the Public Art Program account. Therefore, actual fund amounts for an art project may not equal one percent of its construction cost. Although funds within the Airport may be transferred to and from Airport projects through a fund transfer as approved by the County Board, Airport funds cannot be transferred to non-Airport projects within the Public Art Program as described in the paragraph below.

There are no budgeted Airport capital projects that are eligible for public art. Public art projects for the Airport must be financed and budgeted separately, according to Federal regulations and the lease agreement between Milwaukee County and the Airlines. Therefore, Airport public art projects and qualifying public art projects identified throughout the rest of the capital budget must maintain two separate funding sources, and these two funding sources cannot be commingled.

The Public Art Committee is comprised of nine members, four appointed by the County Executive, four appointed by the County Board Chairman and the Director of Public Works.

Pursuant to guidelines established in the 2000 Budget, the County Executive and County Board will designate and finance County capital projects for the one percent Public Art Program through the annual adopted budget.

To be eligible for the Public Art Program, a project must:

1. Have a construction budget of $500,000 or more.
2. Be a structure/facility to which the public has access, or
3. Be a roadway, highway and/or bike trail.

Projects which are not eligible for the Public Art Program include:

1. Purchase of computer equipment.
2. Purchase of fleet equipment.
3. Projects involving demolition (without reconstruction).
4. Projects that do not involve or provide general public access.
5. Land development projects involving environmental remediation/redevelopment.

The Committee is charged with reviewing the above eligibility criteria, artist selection and making recommendations for additions/modifications. Any changes to the program criteria will require the review and approval of the County Board and the County Executive.

The Director of Public Works is responsible for contracting with artists and authorizing payment from the Public Art Program. Standard accounting procedures for disbursements will be followed.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO021 – Milwaukee County Public Art Program (contd.)**

Once a capital project is identified for public art, a selection panel appointed by the Public Art Committee will review proposals for specific projects and make recommendations to the Public Art Committee. The Public Art Committee then selects the final artist and approves the installation of work before the final payment is made.

The following is a list of eligible projects for 2004:

| Project Number | Project Name | Construction Budget | 1% |
|---|---|---|---|
| WH030032 | Milwaukee River Parkway Bridge #647 Construction | $751,800 | $7,518 |
| WH201132 | Port Washington Road Good Hope to County Line Construct | $969,137 | $9,692 |
| WH205152 | CTH "T", W. Beloit Rd./Root River-Construct | $1,270,000 | $12,700 |
| WH226042 | W. Hampton Ave. – Union Pacific RR-Construct | $2,380,840 | $23,808 |
| WH226052 | W. Hampton Ave. – Menomonee River-Construct | $818,820 | $8,188 |
| WP447 | South Shore Breakwater | $820,000 | $8,200 |
| WP51304 | McKinley Marina Seawall Improvements | $550,000 | $5,500 |
| WZ011 | Feline Building Renovation | $4,391,000 | $43,910 |
| WS00501 | 12th & Vliet Building Renovation | $3,055,800 | $30,558 |
| WO029 | Milwaukee County Historical Society | $1,326,000 | $13,260 |
| | **Total** | **$16,333,397** | **$163,334** |

Bond proceeds are limited to the construction of the artwork and artistic cost relating to construction. All other expenses of the program must be financed with another revenue source. Project administration costs of $40,834, which reflects 25 percent of the one percent ($163,334), are also included in the appropriation. Project administration costs are financed with sales tax revenues.

Out year costs of $170,000 as shown on the five-year plan for 2004 to 2008 are based on average appropriations to this project over the past four years.

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

**Staffing Plan**

The Director of the Department of Parks and Public Infrastructure (formerly Department of Public Works) serves on the Public Art Committee along with other County Executive and County Board Chairman appointees. The project manager is Greg High.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WO029 | Milwaukee Historical Society Renovation | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Historical Society | General Government |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| | Clare O'Brien | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $100,000 | | | | $100,000 |
| 2003 | $300,000 | | | | $300,000 |
| 2004 | $1,326,000 | | | | $1,326,000 |
| 2005 | | | | | $0 |
| 2006 | $1,000,125 | | | $500,062 | $500,063 |
| 2007 | $4,099,875 | | | $2,049,938 | $2,049,937 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $6,826,000 | $0 | $0 | $2,550,000 | $4,276,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $400,000 | $98,194 | | $498,194 |
| Construction & Implementation | | $1,227,806 | $5,100,000 | $6,327,806 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | $390,000 | | | $390,000 |
| Professional Services | | | | $0 |
| DPW Charges | $10,000 | $98,194 | | $108,194 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | $1,227,806 | $5,100,000 | $6,327,806 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $400,000 | $1,326,000 | $5,100,000 | $6,826,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $663,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | $663,000 |
| Other Revenue | |
| Total Budget Year Financing | $1,326,000 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| | |

| Project Useful Life (Years) | 30 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $5,774 |
| 2003 Expenditures | $43,620 |
| Total Expenditures to Date | $49,393 |
| Encumbrances | $34,876 |
| **Available Balance** | $315,730 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $227,533 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $113,088 |
| Change in Annual Costs | $340,621 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $340,621 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | n/a |
| Complete Preliminary Plans | 5/2005 |
| Complete Final Plans & Specifications | 8/2005 |
| Begin Construction | 7/2004 |
| Complete Construction | 12/2006 |
| Scheduled Project Closeout | 1/2007 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO029 – Milwaukee County Historical Society**

An appropriation of $1,326,000 is budgeted to undertake phase one of a renovation project involving the repair, re-glazing and restoration of 27 cast iron windows for the Historical Society building located at 910 North 3rd Street. This appropriation would be financed by $663,000 from the Historical Society and $663,000 from County general obligation bonds.

Designed by the architectural firm of Kirchoff and Rose and constructed in 1913 as the Second Ward Savings Bank, the Historical Center building was donated to Milwaukee County in 1965 by First Wisconsin Bank for use by the Historical Society.

The Historical Society plans to finance its share of phase one from $1.2 million in private funds already raised for the restoration of the entire facility. In total, the Historical Society expects to fundraise $4.6 million toward the $7,626,000 renovation project.

The 2002 and 2003 Adopted Capital Improvements Budgets included $400,000 combined from the County to finance the planning phase of this project. In addition, the Historical Society provided $100,000 in 2002 from private donations to finance its share of the design. Including design development costs of $500,000 already committed to this project during 2002 and 2003, as well as $700,000 in fundraising and relocation expenses to be borne entirely by the Historical Society, the total cost for all stages of the project would be $7,626,000. The total cost shown on the fiscal sheet is $800,000 less than the total cost of the renovation project because it does not reflect $700,000 in relocation and fundraising costs and $100,000 in design costs to be financed solely by the Historical Society.

Of the $7,626,000 total renovation cost, the County has already committed $400,000, $663,000 is budgeted in 2004 and the remaining County financing to be requested in the coming years is $2,550,000.

The table below shows the breakdown of costs:

| Project Year | Proposed County Commitment | Historical Society Commitment | Total |
|---|---|---|---|
| 2002 | $100,000 | $100,000 | $200,000 |
| 2003 | $300,000 | $0 | $300,000 |
| 2004 | $663,000 | $663,000 | $1,326,000 |
| 2006 | $500,063 | $700,062 | $1,200,125 |
| 2007 | $2,049,937 | $2,549,938 | $4,599,875 |
| | **$3,613,000** | **$4,013,000** | **$7,626,000** |

As part of this process, the architectural firm hired to complete the planning, Uihlein Wilson, has recommended that the Historical Society re-open all windows on both floors to provide additional light and enhance the exterior appearance. Secondly, the restoration and re-glazing of the cast iron windows will provide greater energy efficiency and reduce the consumption of steam and electricity currently required to heat and cool the building, while at the same time providing for the installation of more modern heating, ventilation and air conditioning (HVAC) equipment during later stages of the project. Finally, the Historical Society indicates that the restoration of the window frames will call attention to its capital campaign.

The renovation of the windows is governed by the lease between the County and Historical Society. The lease states "Milwaukee County shall…Maintain and repair the basic building construction, roof, outside windows, public utility heating main, water main connection, and other exterior repairs..."

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO029 – Milwaukee County Historical Society (contd.)**

One area of concern during the planning process was the building's foundation. In the spring of 2003, foundation issues were thoroughly explored. A thorough foundation evaluation indicated that the wooden pilings upon which the Historical Center is located are in excellent condition despite their 90 years of use. The assessment also indicated that the soil beneath the basement slab of the Historical Center had not subsided and that, as a result, the building continues to rest on a firm foundation. Consequently, no additional foundation remediation costs are included in the budget for the restoration of the building.

As part of the 2003 budget appropriation, County staff was directed to initiate due diligence procedures with the Historical Society for its private fundraising commitment. These due diligence procedures were authorized by County Board Resolution (00-460) and apply to public/private partnerships being considered by Milwaukee County.

Based upon its fundraising efforts to date, the Historical Society has begun due diligence procedures with Department of Administrative Services staff. A report on the due diligence findings will be presented prior to issuance of bonds to finance this project.

This past spring, staff from DAS met with the director of the Historical Society to begin its due diligence review. During the past few months, staff worked to obtain the documentation as required by the due diligence procedures. The supporting documentation identified on this checklist is on file with DAS.

Construction on the windows would begin in April and extend until October of 2004. Monthly expenditures for the Historical Society would be approximately $101,000 between April and September and $99,000 in October. This expenditure cash flow is based on a total budget of $663,000 for the windows and a $6,000 per month fee to a fundraising consultant for the capital campaign.

Based on the $1,166,721 in pledges committed to the restoration effort thus far, the Historical Society projects that it will collect an additional $124,173 between August 2003 and December 2003 and another $7,050 between January and March of 2004 for a total of $131,223 in additional revenue prior to the start of construction. At the start of construction in April, the Historical Society should have $131,223 in additional revenue plus $467,043 currently on hand for total contributions of $598,266.

Expenditures against these contributions will total $48,000 which reflects $6,000 per month between August 2003 and March of 2004 for the fundraising consultant. This reduces the available cash on hand to $550,266 as of April 2004.

By the end of construction in October of 2004, the Historical Society projects that it will receive an additional $87,440, increasing cash on hand to $637,706. Construction costs will be $95,000 each month from April to September and $93,000 for October for a total cost of $663,000. Additional expenses for the fundraising consultant will be $42,000 from April to October for total expenses of $705,000. Therefore, the Historical Society would be $67,294 short in meeting total expenditures based on the pledge commitments received and would not have sufficient funds available to address its obligation until October of 2005.

The cash flow projection developed is based on current pledge commitments of $1,166,721 and assumes that no additional pledges would be committed between August of 2003 and October of 2004. However, the Historical Society fully expects to achieve the outstanding pledge commitments as well as obtain future commitments beyond the $1,166,721 in current commitments. As of September 2003, the Historical Society identified four additional potential donors with the possibility of generating a total of $275,000 in additional pledges. A verbal commitment has been received, and written confirmation is expected in late September, on one of these grants which totals $25,000. Grant applications are pending before the three remaining foundations.

**WO029 – Milwaukee County Historical Society (contd.)**

The project is included in the County Executive's Budget with the understanding that, if necessary, the County will temporarily cover the $67,294 shortage until the Historical Society receives additional pledges.

**Phase Two**
Following completion of phase one of the restoration of the Milwaukee County Historical Center, the Historical Society plans to undertake the restoration and renovation of the interior of the Historical Center in two additional stages. Phase two of the project will include the replacement of the current wheelchair lift with a full-service elevator providing access to all three floors, the relocation of the communicating stairway to the second floor, the renovation of lower level toilet rooms to meet Americans with Disabilities Act (ADA) requirements and the upgrading of all electrical and sewer/water service in the building. Phase two is projected to cost a total of $1,000,125. The Historical Society plans to request half the construction costs, or $500,063, from Milwaukee County.

**Phase Three**
Phase three of the restoration project includes the reinforcement of the Historical Center mezzanine; the expansion of the research library to include the entire second floor south; the renovation of administrative offices on the first floor south; the reconfiguration of exhibit galleries; the installation of new heating, ventilation and air conditioning (HVAC), fire protection and lighting systems; and the restoration of floor, wall and ceiling finishes throughout. The total cost of phase three will be $4,099,875, and half of the construction costs, or $2,049,938, will be requested from Milwaukee County.

Future commitments for phases two and three are not being recommended at this time pending additional fundraising by the Historical Society and further review by DAS. Prior to the 2005 budget process, DAS staff will review the fundraising efforts of the Historical Society and make a determination as to the level of funds the Historical Society can reasonably achieve as well as the funds the County can afford to commit in light of the extensive infrastructure priorities identified in its five-year capital program.

Although a formal recommendation is not being made at this time for the two subsequent phases, these phases are included on the five-year plan for projection purposes only. Although the Historical Society requested subsequent phases to occur in 2005 and 2006, the phases are included on the five-year plan in 2006 to 2007 to enable the Historical Society to conduct further fundraising activities to achieve their commitment.

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

**Staffing Plan**

Staffing from the Department of Parks and Public Infrastructure (formerly Department of Public Works) will be used for overall project management. The project manager will be Ivars Zusevics. Specialized consultants may be used for some components of basic planning and design as needed.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WO030 | Countywide Access Road Improvements Program | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Department of Public Works | General Government |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| | | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $907,595 | | | | $907,595 |
| 2003 | $0 | | | | $0 |
| 2004 | $537,250 | | | | $537,250 |
| 2005 | $530,000 | | | | $530,000 |
| 2006 | $300,000 | | | | $300,000 |
| 2007 | $718,150 | | | | $718,150 |
| 2008 | $810,000 | | | | $810,000 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $3,802,995 | $0 | $0 | $0 | $3,802,995 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $200,045 | $85,354 | $300,183 | $585,582 |
| Construction & Implementation | $671,955 | $433,594 | $2,026,638 | $3,132,187 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | $35,595 | $18,302 | $31,329 | $85,226 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | $38,368 | | $38,368 |
| DPW Charges | $180,045 | $38,834 | $280,183 | $499,062 |
| Capitalized Interest | $35,595 | | $31,329 | $66,924 |
| Park Services | $20,000 | $8,153 | $20,000 | $48,153 |
| Disadv. Business Serv. | | $865 | | $865 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | $433,594 | | $433,594 |
| Roadway Plng & Construction | $671,955 | | $2,026,638 | $2,698,593 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | $17,436 | | $17,436 |
| **Total Project Cost** | $907,595 | $537,250 | $2,358,150 | $3,802,995 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $537,250 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $537,250 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Thomas Pritzlaff | Karl Stave | 20 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $308,809 |
| 2003 Expenditures | $171,387 |
| Total Expenditures to Date | $480,195 |
| Encumbrances | $259,593 |
| **Available Balance** | $167,807 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $168,470 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $100,578 |
| Change in Annual Costs | $269,048 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $269,048 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | n/a |
| Complete Preliminary Plans | 6/04 |
| Complete Final Plans & Specifications | 7/04 |
| Begin Construction | 8/04 |
| Complete Construction | 10/04 |
| Scheduled Project Closeout | 12/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO030 – Countywide Access Road Improvement Program**

An appropriation of $537,250 is budgeted for the countywide replacement of asphalt roadways and parking lots. This project is financed by general obligation bonds.

Individual departments originally budgeted various roadway and parking lot projects. The various projects have now been consolidated into one project managed by the Department of Parks and Public Infrastructure (formerly Department of Public Works), with the highest priority projects being recommended for funding. Department of Parks and Public Infrastructure performs pavement ratings for all County roadways. This evaluation looks at traffic volume, condition of pavement, overall riding comfort and drainage conditions. The recommendation for the following projects is to reconstruct as soon as possible.

| Roadway | Budget |
|---|---|
| WO03003 – Kletzsch Park parking lot replacement for picnic areas No. 5 thru 7 | $306,250 |
| WO03014 – Fleet Roadway Improvements | $231,000 |
| **Total** | **$537,250** |

**WO03003 – Kletzsch Park Parking Lot** – this project would replace the parking lot for picnic areas numbers 5, 6 and 7 at the park located at 6560 North Milwaukee River Parkway.

**WO03014 – Fleet Roadway Improvements** - This project represents a continuation for roadway improvements for the deteriorating concrete roadway. This project was first budgeted during the 1999 budget process. The roadway on the east and south sides of the Central Garage have been replaced prior to 2002. The remaining 33-year old concrete roadway on the west and north sides is breaking up and is problematic for plowing operations. Continued deterioration is anticipated due to the high volume of traffic and weight of County vehicles. This project is in the 2003 Adopted Capital Five Year Plan to continue for the years 2004 and 2005. It has been determined that an asphalt cap will not be sufficient and that replacement of the concrete is necessary. This project has been revised to complete the west side of the Central Garage during 2004 and the north side during 2005.

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

**Staffing Plan**

Overall project management will be performed by Department of Parks and Public Infrastructure staff. Specialized consultants may be used for some components of the planning, design and construction management as needed.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WO032 | Marcus Center Fire Alarm Replacement | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Marcus Center | General Government |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 3 | Steve Dragosz | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | $75,000 | | | | $75,000 |
| 2004 | $223,020 | | | | $223,020 |
| 2005 | $223,020 | | | | $223,020 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $521,040 | $0 | $0 | $0 | $521,040 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $75,000 | $16,520 | $16,520 | $108,040 |
| Construction & Implementation | | $206,500 | $206,500 | $413,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $37,500 | | | $37,500 |
| DPW Charges | $37,500 | $16,520 | $16,520 | $70,540 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | $206,500 | $206,500 | $413,000 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $75,000 | $223,020 | $223,020 | $521,040 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $223,020 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $223,020 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| Johnson Controls/DPW | Steve Dragosz |

| Project Useful Life (Years) | 20 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $6,166 |
| Total Expenditures to Date | $6,166 |
| Encumbrances | $16,700 |
| **Available Balance** | $52,134 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $26,052 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $13,780 |
| Change in Annual Costs | $39,832 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $39,832 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 6/1/04 |
| Complete Final Plans & Specifications | 8/1/04 |
| Begin Construction | 10/1/04 |
| Complete Construction | 4/1/05 |
| Scheduled Project Closeout | 6/1/05 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO032 – Marcus Center Fire Alarm Replacement**

An appropriation of $223,020 is budgeted to replace the existing fire alarm system at the Marcus Center for the Performing Arts located at 929 North Water Street. This appropriation would be financed by general obligation bonds.

The installation of this fire alarm system will bring the entire building in line with current life safety standards and coordinate with the newer system which was installed as part of the 1996 east addition project. The budgeted alarm system will address the remaining two-thirds of the building.

An appropriation of $75,000 was included in the 2003 Adopted Capital Improvements Budget for the planning and design phase. This phase will be completed in 2003.

The total cost of the construction is $446,040. An additional $223,020 will be budgeted in 2005 to complete the construction of the fire alarm replacement. Deferring half of the appropriation until 2005 will allow the project to maintain an appropriate level of cash flow and avoid potential arbitrage penalties.

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

**Staffing Plan**

Department of Parks and Public Infrastructure (formerly Department of Public Works), Steve Dragosz, P.E., Managing Electrical Engineer, will be responsible for project management.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WO101 | Fleet Fire/Heat Detection System | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Fleet Management Division | General Government |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 2 | Darryl Marcoux | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | $48,200 | | | | $48,200 |
| 2004 | $340,000 | | | | $340,000 |
| 2005 | | | | | $0 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $388,200 | $0 | $0 | $0 | $388,200 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $48,200 | $24,800 | | $73,000 |
| Construction & Implementation | | $310,000 | | $310,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | | $5,200 | | $5,200 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $40,343 | | | $40,343 |
| DPW Charges | $7,857 | $24,800 | | $32,657 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | $5,200 | | $5,200 |
| Buildings/Structures | | $310,000 | | $310,000 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $48,200 | $340,000 | $0 | $388,200 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $340,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $340,000 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| | |

| Project Useful Life (Years) | 20 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $6,541 |
| Total Expenditures to Date | $6,541 |
| Encumbrances | $16,700 |
| **Available Balance** | $24,959 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $19,410 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $10,267 |
| Change in Annual Costs | $29,677 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $29,677 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | N/A |
| Complete Preliminary Plans | 2003 |
| Complete Final Plans & Specifications | 2003 |
| Begin Construction | 2/04 |
| Complete Construction | 11/04 |
| Scheduled Project Closeout | 12/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO101– Fleet Fire/Heat Detection System**

An appropriation of $340,000 is budgeted for the construction of a fire/heat detection system for the Fleet Central Garage. This project would be financed by general obligation bonds.

The 2003 Adopted Capital Improvements Budget included an appropriation of $58,200 for planning and design. Fleet Management has a central garage of approximately 229,164 square feet in which it maintains a fleet of approximately 2,300 equipment units. Part of the central garage facility is utilized for parking for several hundred vehicles. During October 1999, a fire occurred which was detected by security personnel. Built in 1967, the central garage does not have an adequate fire/heat detection system. Because of the high volume of gasoline and propane in the vehicles and equipment stored in the central garage, it is imperative that safety be given high priority in order to safeguard personnel and prevent the high cost of replacing equipment.

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

**Staffing Plan**

Department of Parks and Public Infrastructure project managers will be assigned for design and construction. Specialized consultants may be used for some components of basic planning, design, and construction management as needed.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | | 4789-2004 |
|---|---|---|---|
| WO112 | Fleet Equipment Acquisition | | |
| Requesting Department or Agency | | Functional Group | |
| Fleet Management | | General Government | |
| Department Priority | Person Completing Form | | Date |
| 1 | Darryl Marcoux | | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $33,064,870 | $1,929,475 | $194,697 | | $30,940,698 |
| 2003 | $4,080,000 | | | | $4,080,000 |
| 2004 | $2,908,800 | | | | $2,908,800 |
| 2005 | $2,000,000 | | | | $2,000,000 |
| 2006 | $2,000,000 | | | | $2,000,000 |
| 2007 | $2,000,000 | | | | $2,000,000 |
| 2008 | $2,000,000 | | | | $2,000,000 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $48,053,670 | $1,929,475 | $194,697 | $0 | $45,929,498 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | | | $0 |
| Construction & Implementation | | | | $0 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | $37,144,870 | $2,908,800 | $8,000,000 | $48,053,670 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | | | $0 |
| DPW Charges | | | | $0 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | $37,144,870 | $2,908,800 | $8,000,000 | $48,053,670 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $37,144,870 | $2,908,800 | $8,000,000 | $48,053,670 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $1,023,800 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | $1,885,000 |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $2,908,800 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| | |

| Project Useful Life (Years) | 6 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $23,504,449 |
| 2002 Expenditures | $4,594,992 |
| 2003 Expenditures | $3,723,654 |
| Total Expenditures to Date | $31,823,095 |
| Encumbrances | $3,064,053 |
| **Available Balance** | $2,257,722 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $8,008,945 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $977,069 |
| Change in Annual Costs | $8,986,014 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $8,986,014 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | N/A |
| Complete Preliminary Plans | 1/1/04 |
| Complete Final Plans & Specifications | 3/1/04 |
| Begin Construction | 3/1/04 |
| Complete Construction | 12/1/04 |
| Scheduled Project Closeout | 12/31/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO112 – Fleet Equipment Acquisition**

An appropriation of $2,908,800 is budgeted for replacement equipment. This appropriation is financed by $1,023,800 in general obligation bonds and $1,885,000 in Passenger Facility Charge (PFC) revenue.

Fleet Management plans to purchase $1,023,800 in general Countywide equipment and $1,885,000 for the Airport. A more detailed listing of the type of equipment and cost is located on the following pages. Although Countywide equipment needs for 2004 total $3,910,000, the budget includes only $2,908,800 since there are 2001, 2002 and 2003 surplus funds available to purchase approximately $1 million in fleet equipment in 2003. An appropriation fund transfer requesting a change in the scope of work for this project will be initiated in the fall of 2003 in order to use $1 million in surplus funds for the purchase of this equipment.

The actual equipment purchased in 2004 will be based on the highest priority items identified by Fleet Management in cooperation with the departments. Priority codes will be reflected in the equipment detail listing. These codes are high for a critical piece, medium for an important piece and low for a standard replacement piece.

Debt for equipment acquisitions will be structured over a shorter time period to match the expected useful life of equipment, vehicles and attachments. Debt financing for automobiles and light trucks will be structured over four to seven years instead of 15 years anticipated for other capital improvements.

When purchasing vehicles or equipment for replacement, departments are required to turn in a comparable piece of equipment, as identified by the Director of Fleet Management, for each unit that is replaced. Any department wishing to retain old equipment as spares or extra pieces must obtain prior authorization from the County Board. All costs associated with the retention of the old equipment will be charged directly to the department.

Although the 2004 budget does not include new and additional vehicles or equipment, departments must make such a request in this budget so as to justify program needs and receive County Board approval. All other associated expenses such as fuel, parts and future anticipated expenses also should be identified.

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

**Staffing Plan**

The project Manager is George Torres.

2004 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO112 - Fleet Equipment Acquisition
Detail List

High = Critical Piece
Med = Important Piece
Low = Standard Replacement Piece

| LINE | EQUIP NO. | LIFE | PRIORITY CODE | DEPT CODE | ORGANIZATION DESCRIPTION | EQUIP YEAR | EQUIPMENT DESCRIPTION | CHASSIS MAIN UNIT | 633 Plow | 635 Wing | 425 Spreader | Other Attachments/ Equipment | Description of Upgrades | Upgrades Cost | TOTAL BUDGET | Footnote | Reimbursement Revenue |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FLEET EQUIPMENT | | | | | | | | | | | | | | | | | |
| | AIRPORT FLEET FUNDS | | | | | | | | | | | | | | | | |
| 1 | 166-001 | 7 | Med | 5041 | GMIA-Airport | 1997 | SUV, midsize | $ 25,000 | | | | | | | $ 25,000 | 1 | |
| 2 | 166-002 | 7 | Med | 5041 | GMIA-Airport | 1997 | SUV, midsize | $ 25,000 | | | | | | | $ 25,000 | 1 | |
| 3 | 155-335 | 7 | Med | 5041 | GMIA-Airport | 1991 | SUV, midsize | $ 25,000 | | | | | | | $ 25,000 | 1 | |
| 4 | 205-025 | 12 | Med | 5041 | GMIA-Airport | 1989 | Tractor/loader w/bucket | $ 40,000 | | | | $ 35,000 | | | $ 75,000 | 1 | |
| | | | | | | | | | | | | | | | $ 150,000 | | $ - |
| | HIGHWAY | | | | | | | | | | | | | | | | |
| 5 | 104-116 | 10 | High | 5160 | Highway Patrol-Central | 1996 | Truck, stakebody | $ 52,000 | | | | | Swaploader | $ 30,000 | $ 82,000 | 1 | |
| 6 | 104-117 | 10 | High | 5110 | Highway Patrol-North | 1996 | Truck, stakebody | $ 52,000 | | | | | Swaploader | $ 30,000 | $ 82,000 | 1 | |
| 7 | 104-118 | 10 | High | 5140 | Highway Patrol-South | 1997 | Truck, stakebody | $ 52,000 | | | | | Swaploader | $ 30,000 | $ 82,000 | 1 | |
| 8 | 104-119 | 10 | High | 5120 | Highway Patrol-Central | 1997 | Truck, stakebody | $ 52,000 | | | | | Swaploader | $ 30,000 | $ 82,000 | 1 | |
| 9 | 106-037 | 15 | High | 5110 | Highway Patrol-North | 1996 | Sweeper, centurian | $ 180,000 | | | | | | $ - | $ 180,000 | 1 | $ 25,000 |
| 10 | 490-050 | 15 | High | 5120 | Highway Patrol-Central | 1989 | Trailer, 12,000lbs, (skid steer) | $ 10,200 | | | | | | | $ 10,200 | 1 | |
| 11 | 203-268 | 15 | High | 5160 | Highway Patrol-Central | 1986 | Tractor, upgrade to 204 | $ 55,000 | | | | | Larger Unit | $ 10,000 | $ 65,000 | 1 | |
| 12 | 203-270 | 15 | High | 5140 | Highway Patrol-South | 1986 | Tractor, upgrade to 204 | $ 55,000 | | | | | Larger Unit | $ 10,000 | $ 65,000 | 1 | |
| 13 | 203-271 | 15 | High | 5110 | Highway Patrol-North | 1986 | Tractor, upgrade to 204 | $ 55,000 | | | | | Larger Unit | $ 10,000 | $ 65,000 | 1 | |
| 14 | 491-114 | 15 | High | 5160 | Highway Patrol-Central | 1970 | Trailer 7,000lbs, (roller) | $ 8,000 | | | | | | | $ 8,000 | 1 | |
| 15 | 491-115 | 15 | High | 5140 | Highway Patrol-South | 1970 | Trailer 7,000lbs, (roller) | $ 8,000 | | | | | | | $ 8,000 | 1 | |
| | | | | | | | | | | | | | | | $ 729,200 | | $ 25,000 |
| | PARKS | | | | | | | | | | | | | | | | |
| 16 | 101-063 | 10 | Med | 9430 | Parks Maintenance | 1988 | Truck, 1 ton, utility box, 4 x 2 | $ 28,000 | | | | $ 12,000 | | | $ 40,000 | | |
| 17 | 101-098 | 10 | Med | 9430 | Parks Maintenance | 1994 | Truck P.U., 1 ton w/plow, 4X4 | $ 28,000 | $ 5,000 | | | | | | $ 33,000 | | |
| 18 | 101-475 | 10 | Med | 9430 | Parks Maintenance | 1984 | Truck, 1 ton, stakebody, 4 x 2 | $ 28,000 | | | | | | | $ 28,000 | | |
| 19 | 101-476 | 10 | Med | 9430 | Parks Maintenance | 1984 | Truck , 1 ton, stakebody 4 x 2 | $ 28,000 | | | | | | | $ 28,000 | | |
| 20 | 102-072 | 7 | Med | 9155 | South Region | 1994 | Truck, P.U. 3/4 ton, 4x4,w/plow | $ 22,000 | $ 5,000 | | | | | | $ 27,000 | | |
| 21 | 102-192 | 7 | Med | 9155 | South Region | 1994 | Truck, P.U. 3/4 ton, 4x4,w/plow | $ 22,000 | $ 5,000 | | | | | | $ 27,000 | | |
| 22 | 102-316 | 15 | Med | 9155 | South Region | 1998 | Truck with aerial bucket | $ 25,000 | | | | | Bucket | $ 55,000 | $ 80,000 | | |
| 23 | 104-105 | 10 | Med | 9430 | Parks Maintenance | 1987 | Truck, 1 ton, stakebody, lift gate | $ 28,000 | | | | $ 5,000 | | | $ 33,000 | | |
| 24 | 106-366 | 15 | Med | 9420 | Landscape Services | 1989 | Truck, tree spade 84" | $ 175,000 | | | | | | | $ 175,000 | | |
| 25 | 155-343 | 7 | Med | 9167 | Aquatics | 1994 | Truck, P.U. 3/4 ton, 4x4,w/winch | $ 22,000 | | | | $ 2,000 | | | $ 24,000 | | |
| 26 | 902-013 | 12 | Med | 9420 | Landscape Services | 1991 | Chipper 14" | $ 30,000 | | | | | | | $ 30,000 | | |
| | | | | | | | | | | | | | | | $ 525,000 | | $ - |
| | SHERIFF | | | | | | | | | | | | | | | | |
| 27 | 150-119 | 5 | High | 4038 | Detention Bureau | 1994 | Van, mini, 4 x 2 | $ 25,000 | | | | $ 5,000 | | | $ 30,000 | | |
| 28 | 150-120 | 5 | High | 4038 | Detention Bureau | 1994 | Van, mini, 4 x 2 | $ 25,000 | | | | $ 5,000 | | | $ 30,000 | | |
| 29 | 150-175 | 3 | High | 4021 | Traffic Patrol | 1997 | Squad, sedan | $ 20,000 | | | | $ 6,000 | | | $ 26,000 | | |
| 30 | 150-190 | 3 | High | 4021 | Traffic Patrol | 1998 | Squad, sedan | $ 20,000 | | | | $ 6,000 | | | $ 26,000 | | |
| 31 | 150-191 | 3 | High | 4021 | Traffic Patrol | 1998 | Squad, sedan | $ 20,000 | | | | $ 6,000 | | | $ 26,000 | | |
| 32 | 150-196 | 3 | High | 4064 | Drug Unit | 1999 | Squad, sedan | $ 20,000 | | | | $ 6,000 | | | $ 26,000 | | |
| 33 | 150-202 | 3 | High | 4021 | Traffic Patrol | 1999 | Squad, sedan | $ 20,000 | | | | $ 6,000 | | | $ 26,000 | | |
| 34 | 150-209 | 3 | High | 4021 | Traffic Patrol | 1998 | Squad, sedan | $ 20,000 | | | | $ 6,000 | | | $ 26,000 | | |
| 35 | 150-214 | 3 | High | 4021 | Traffic Patrol | 2000 | Squad, sedan | $ 20,000 | | | | $ 6,000 | | | $ 26,000 | | |

2004 RECOMMENDED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY

WO112 - Fleet Equipment Acquisition
Detail List

High = Critical Piece
Med = Important Piece
Low = Standard Replacement Piece

| LINE | EQUIP NO. | LIFE | PRIORITY CODE | DEPT CODE | ORGANIZATION DESCRIPTION | EQUIP YEAR | EQUIPMENT DESCRIPTION | CHASSIS MAIN UNIT | 633 Plow | 635 Wing | 425 Spreader | Other Attachments/ Equipment | Description of Upgrades | Upgrades Cost | TOTAL BUDGET | Footnote | Reimbursement Revenue |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36 | 150-238 | 5 | High | 4038 | Detention Bureau | 2001 | Van, 15 passenger, diesel | $ 28,000 | | | | $ 7,000 | | | $ 35,000 | | |
| 37 | 150-239 | 5 | High | 4038 | Detention Bureau | 2001 | Van, 15 passenger, diesel | $ 28,000 | | | | $ 7,000 | | | $ 35,000 | | |
| 38 | 150-240 | 5 | High | 4038 | Detention Bureau | 2001 | Van, 15 passenger, diesel | $ 28,000 | | | | $ 7,000 | | | $ 35,000 | | |
| 39 | 150-241 | 5 | High | 4038 | Detention Bureau | 2001 | Van, 15 passenger, diesel | $ 28,000 | | | | $ 7,000 | | | $ 35,000 | | |
| | | | | | | | | | | | | | | | **$ 382,000** | | **$ -** |
| | **FACILITIES** | | | | | | | | | | | | | | | | |
| 40 | 101-013 | 10 | Med | 5702 | Facilities | 1986 | Van, cargo | $ 23,000 | | | | | | | $ 23,000 | 1 | |
| 41 | 101-487 | 10 | Med | 5702 | Facilities | 1985 | Truck, 1 ton, stake body, 4 x 2 | $ 28,000 | | | | | | | $ 28,000 | 1 | |
| 42 | 101-491 | 10 | Med | 5702 | Facilities | 1985 | Van, cargo | $ 23,000 | | | | | | | $ 23,000 | 1 | |
| 43 | 101-503 | 10 | Med | 5702 | Facilities | 1985 | Van, cargo | $ 23,000 | | | | | | | $ 23,000 | 1 | |
| 44 | 153-039 | 10 | Med | 5702 | Facilities | 1993 | Van, mini, 4 x 4 | $ 25,000 | | | | | | | $ 25,000 | 1 | |
| | | | | | | | | | | | | | | | **$ 122,000** | | **$ -** |
| | **OTHERS** | | | | | | | | | | | | | | | | |
| 45 | 101-369 | 10 | Med | 5300 | Fleet | 1980 | Van, cutaway, 4 x 2, field service | $ 48,000 | | | | $ 2,800 | | | $ 50,800 | | |
| 46 | 101-370 | 10 | Med | 5300 | Fleet | 1980 | Van, cutaway, 4 x 2, field service | $ 48,000 | | | | | | | $ 48,000 | | |
| 47 | 114-002 | 7 | Med | 4501 | DA's office | 1995 | Sedan | $ 18,000 | | | | | | | $ 18,000 | | |
| | | | | | | | | | | | | | | | **$ 116,800** | | **$ -** |
| | | | | | **SUBTOTAL OF WO11201-GENERAL FLEET EQUIPMENT** | | | | | | | | | | **$ 2,025,000** | | **$ 25,000** |
| | **AIRPORT-PASSENGER FACILITY CHARGES** | | | | | | | | | | | | | | | | |
| 48 | 104-046 | 12 | Med | 5041 | Airport/PFC | 1971 | Truck, stake body | $ 75,000 | | | | | | | $ 75,000 | | |
| 49 | 208-090 | 15 | Med | 5041 | Airport/PFC | 1989 | Loader w/ramp hog | $ 140,000 | $ 15,000 | | | | | | $ 155,000 | | |
| 50 | 208-091 | 15 | Med | 5041 | Airport/PFC | 1989 | Loader w/ramp hog | $ 140,000 | $ 15,000 | | | | | | $ 155,000 | | |
| 51 | 603-022 | 20 | Med | 5041 | Airport/PFC | 1983 | Snow blower unit | $ 375,000 | | | | | | | $ 375,000 | | |
| 52 | 603-023 | 20 | Med | 5041 | Airport/PFC | 1983 | Snow blower unit | $ 375,000 | | | | | | | $ 375,000 | | |
| 53 | 603-024 | 20 | Med | 5041 | Airport/PFC | 1984 | Snow blower unit | $ 375,000 | | | | | | | $ 375,000 | | |
| 54 | 603-025 | 20 | Med | 5041 | Airport/PFC | 1984 | Snow blower unit | $ 375,000 | | | | | | | $ 375,000 | | |
| | | | | | **SUBTOTAL OF WO11202-AIRPORT PFC FUNDS** | | | | | | | | | | **$ 1,885,000** | | **$ 1,885,000** |
| | | | | | **GRAND TOTAL** | | | | | | | | | | **$ 3,910,000** | | **$ 1,910,000** |

**Footnote:**

[1] Items denoted above are included on this list for tracking purposes but will actually be purchased in 2003 with $1,001,200 in available funds from budget years 2001, 2002 and 2003 pending County Board approval of an appropriation transfer.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WO201 | IMSD Enterprise Server - Genesys System | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Information Management Services Division | General Government |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| | Elizabeth Thundercloud | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $856,433 | | | | $856,433 |
| 2003 | $400,000 | | | | $400,000 |
| 2004 | $500,000 | | | | $500,000 |
| 2005 | $4,000,000 | | | | $4,000,000 |
| 2006 | $4,000,000 | | | | $4,000,000 |
| 2007 | $1,210,000 | | | | $1,210,000 |
| 2008 | $1,700,000 | | | | $1,700,000 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $12,666,433 | $0 | $0 | $0 | $12,666,433 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $546,433 | $483,350 | | $1,029,783 |
| Construction & Implementation | | | | $0 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | $710,000 | $16,650 | $10,910,000 | $11,636,650 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | $546,433 | | | $546,433 |
| Professional Services | | $483,350 | | $483,350 |
| DPW Charges | | | | $0 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | $710,000 | $16,650 | $10,910,000 | $11,636,650 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $1,256,433 | $500,000 | $10,910,000 | $12,666,433 |

## Budget Year Financing

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

| Cost Estimates Prepared By | IMSD Review By |
|---|---|
| CDJ and Associates | Bud Borja |

| Project Useful Life (Years) | 10 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $386,433 |
| 2002 Expenditures | $346,931 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $733,365 |
| Encumbrances | $0 |
| **Available Balance** | $523,068 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $1,266,643 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $334,991 |
| Change in Annual Costs | $1,601,634 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $1,601,634 |

## Project Schedule

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

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO201 – Enterprise Server Replacement**

An appropriation of $500,000 is budgeted for staff, including consulting services, to continue the implementation of the critical path and short-term recommendations of the July 2003 Human Resources System Management Committee (HRSMC) report. This appropriation is financed by sales tax revenue.

**Background**

The HRSMC report documents the current human resources (HR) system, process and organization as a collection of standalone systems, undocumented policies and procedures, frequent human intervention and manual review, contradictory knowledge and reports. Data ownership is unclear and employee self service capabilities are not taken advantage of.

In 2002, the HRSMC was established to study alternative solutions for serving human resources information system needs. In July 2003, the HRSMC approved a report that includes critical path, short-term and long-term recommendations. Both of these will be addressed in 2003 and 2004. In the second quarter of 2004, a request for proposal (RFP) will be used to choose between the following three alternatives:

1. Reinstall Genesys 6.1 on a new technology platform
2. License and implement new HR software
3. Outsource all or parts of HR functionality

**Critical Path Recommendations – 2003 - 2004**

1. Define and document Countywide Personnel, Payroll, Benefits and Retirement policies.

2. Define a strategy and process for an executive committee to define and monitor the actions and projects associated with the County's Human Resources Information System (HRIS).

3. Review the HRIS decision process and define new process and priorities as appropriate for executing maintenance, short-tem and long-term direction.

4. Address process and data ownership responsibilities for Personnel, Payroll, Benefits and Retirement.

5. Establish infrastructure best practices including: seamless enterprise network, standardized email and calendar solutions; and centralized servers in a hardened facility with industry standard backup/restore procedures, disaster recover, uninterrupted power service and fire protection. This includes the mini computer/departmental LAN currently located in the Department of Human Resources (DHR). (This is servicing the Local Area Network, unlike the Web project which focuses on the Wide Area Network and Internet accessibility.)

**Short-term (23 months) Recommendations – 2004 - 2005**

1. Implement a Retirement Calculator. (Early 2004)

2. Review and reengineer COBRA administration and service process. (Consider Outsourcing)

3. Review and reengineer Benefits Enrollment administration and service process. (Consider Outsourcing)

4. Review the Merit Review/Step Increase and Performance Appraisal policy to make sure that implementation matches policy intent.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO201 – Enterprise Server Replacement (Contd.)**

5. Review and reengineer New Hire process from the point after recruiting to bring employees onto the HRIS system, complete benefits enrollment paper work, fingerprinting, and photographs for badges.

6. Provide training for and enforce departmental accountability for the timely processing of Employee Change Transaction Reports.

7. Make direct deposit the "default" for payments.

8. Outsource or implement enhanced Time and Attendance collection features for Family and State Leave Act (FSLA)-Exempt employees.

9. Review check processing and distribution and consider outsourcing.

10. Review and resolve existing workarounds for payroll processes.

**2004 Cost Breakdown**

| Recommendation | HRIS Analyst | Internet Developer | Consultant Services | Software |
|---|---|---|---|---|
| 1. Retirement Calculator | 2 months | 3 months | $100,000 | $ 75,000 |
| 2. COBRA process | 2 months | | $ 1,000 | |
| 3. Benefits Enrollment process | 2 months | 1 month | $ 30,000 | |
| 4. Step Increase policy | 1 month | | | |
| 5. New Hire Process | 1 month | 1 month | $ 25,000 | |
| 6. ECTR training | 1 month | 1 month | | |
| 7. Direct Deposit as default | .5 month | | $ 4,000 | |
| 8. Time and Attendance | .5 month | 2 months | $ 40,000 | $ 65,000 |
| 9. Check distribution | | | | |
| 10. Workarounds | | 2 months | | |
| Total Estimate | $80,000 | $80,000 | $200,000 | $140,000 |

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

**IMSD Staffing Plan**

IMDS staff will perform project management, business analysis and application and infrastructure development for this project.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | | 4789-2004 |
|---|---|---|---|
| WO202 | IMSD Voice and Data Communications. | | |
| Requesting Department or Agency | | Functional Group | |
| Information Management Services Division | | General Government | |
| Department Priority | Person Completing Form | | Date |
| 5 | Elizabeth Thundercloud | | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $59,830 | | | | $59,830 |
| 2003 | | | | | $0 |
| 2004 | $232,500 | | $232,500 | | $0 |
| 2005 | | | | | $0 |
| 2006 | | | | | $0 |
| 2007 | $300,000 | | | | $300,000 |
| 2008 | $300,000 | | | | $300,000 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $892,330 | $0 | $232,500 | $0 | $659,830 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | | | $0 |
| Construction & Implementation | | | | $0 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | $59,830 | $232,500 | $600,000 | $892,330 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | | | $0 |
| DPW Charges | | | | $0 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | $59,830 | $232,500 | $600,000 | $892,330 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $59,830 | $232,500 | $600,000 | $892,330 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $232,500 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $232,500 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| | |

| | |
|---|---|
| Project Useful Life (Years) | 5 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $29,915 |
| 2003 Expenditures | $29,915 |
| Total Expenditures to Date | $59,830 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $178,466 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $17,451 |
| Change in Annual Costs | $195,917 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $195,917 |

## Project Schedule

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

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO202 – Voice and Data Communications**

An appropriation of $232,500 is budgeted for the purchase and installation of additional telephone switch hardware to improve call center services for the Department of Health and Human Services (DHHS) in the renovated 12th and Vliet Streets building. This project would be financed by State revenue.

Milwaukee County is currently undertaking exterior and interior improvements to the 12th and Vliet Streets building so that DHHS can ultimately centralize its operations as their leases expire in other locations. The Department of Parks and Public Infrastructure (formerly Department of Public Works), which is managing the project, anticipates the building renovations to be completed by March of 2004.

This appropriation request includes the following:

- telephone switch hardware ($205,000)
- hardware installation ($20,000)
- new single line phones with message waiting lights ($3,500)
- digital phones ($4,000)

DHHS employees were provided with message waiting lights and digital phones at one of their temporary locations during the 12th and Vliet Streets remodeling. The equipment budgeted in this budget will provide those same features at the 12th and Vliet Streets location. Message waiting lights provide a visual indicator for employees and their supervisors when a voice mail message is waiting for their attention. Digital phones have the ability to provide speakerphone and display capabilities without requiring a separate power source. Such features of a true call center help to streamline service and make the business flow more efficient.

These new features coupled with the use of the current Apropo software (call center software) have allowed DHHS to streamline part of their business process to handle the increased call volumes with a reduced staff. If the same features are not provided, DHHS may need to increase staff in order to handle the increasing number of calls.

This project is part of the foundation for standardizing true call center features within the County. Currently, both DHHS and Child Support use differing levels of call center functionality. Depending upon the needs of DHHS employees and clients, future budgets could include high availability equipment, automated self service to answer most frequently asked questions; advanced call routing and triage capabilities to help locate an available, knowledgeable person to answer the call; database queries for self-service answers and to brief the employee before answering the call; and message board statistics to enable managers to assess calls waiting, calls lost, length and time of call and types of calls.

DHHS has met with the State of Wisconsin and Federal officials to discuss the potential for reinvesting food stamp overpayment error rate funds into phone system improvements at 12th and Vliet Streets. Food stamp error rate funds are monitored by the United States Department of Agriculture (USDA) which oversees the food stamp program. The USDA has allowed states that incur eligibility errors to reinvest their own funds into initiatives focused on improving the error rate. In the summer of 2003, DHHS submitted a proposal to the State of Wisconsin to utilize these funds toward improvements to the phone system. If the County receives approval to apply these funds to this project for 2004, the project will be implemented as budgeted with offsetting revenue. However, if the County's request is denied, the project will not advance unless other available funds are identified.

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

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO202 – Voice and Data Communications (Contd.)**

**IMSD Staffing Plan**

IMSD staff will be responsible for the project management, acquisition and deployment of this computer equipment.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WO301 | Countywide Technical Infrastructure | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Information Management Services | General Government |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 2 | Bill Fleming | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $808,377 | | | | $808,377 |
| 2003 | $610,592 | | | | $610,592 |
| 2004 | $749,932 | | | | $749,932 |
| 2005 | | | | | $0 |
| 2006 | | | | | $0 |
| 2007 | $1,000,000 | | | | $1,000,000 |
| 2008 | $1,000,000 | | | | $1,000,000 |
| SUBSEQUENT | $1,000,000 | | | | $1,000,000 |
| TOTAL | $5,168,901 | $0 | $0 | $0 | $5,168,901 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | | | $0 |
| Construction & Implementation | | | | $0 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | $1,418,969 | $749,932 | $3,000,000 | $5,168,901 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | | | $0 |
| DPW Charges | | | | $0 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | $1,418,969 | $749,932 | $3,000,000 | $5,168,901 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $1,418,969 | $749,932 | $3,000,000 | $5,168,901 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | $3,597 |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $746,335 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $749,932 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| | |

| | |
|---|---|
| Project Useful Life (Years) | 5 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $162,691 |
| 2002 Expenditures | $407,149 |
| 2003 Expenditures | $399,426 |
| Total Expenditures to Date | $969,267 |
| Encumbrances | $623,466 |
| **Available Balance** | ($173,763) |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $1,033,780 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $136,703 |
| Change in Annual Costs | $1,170,483 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $1,170,483 |

## Project Schedule

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

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO301- County-Wide Technical Infrastructure**

An appropriation of $749,932 is budgeted for the purchase of new and replacement computer equipment Countywide. This appropriation would be financed by $746,335 in general obligation bonds and $3,597 in sales tax revenue.

The appropriation would enable the purchase of 269 computers (223 replacements and 46 new), 34 printers, 45 laptops, 22 file servers (21 replacements and 1 new), 46 components needed for wide area network (WAN) connectivity and six pieces of sundry equipment. The 2004 appropriation includes 46 computers to support new programs.

During the 2001 budget process, Milwaukee County began an initiative to consolidate purchases of computer equipment under one capital project to further the centralized management of Information Technology (IT) resources and improve tracking of IT expenditures. This effort was a continuation of a five-year technology plan developed in 1997, wherein it was recommended that Milwaukee County "establish shared procurement services for departments to obtain necessary technology, such as hardware, software and application development services." Cost savings and advantageous economies of scale have resulted from using the centralized purchasing method.

In 2002, the Information Management Services Division (IMSD) developed a computer replacement schedule, identifying the models and ages of the personal computer inventory totaling 4,419. The age of the computers as well as department's core missions, health, safety and security issues and increased productivity were considered.

During the budget processes, departments submit requests for computer equipment to IMSD. Requests are reviewed and prioritized. The consolidation of the 2004 Countywide requests are presented in the table on the subsequent page.

The 2003 Adopted Capital Improvements Budget included an appropriation of $750,592 for the purchase of 366 personal computers and 63 computers to support new programs. A 2002 carryover of surplus funds provided the ability to purchase an additional 134 replacement computers, providing for a total replacement of 500 computers in 2003.

During 2004 (year two of the replacement plan), 223 computers are scheduled for replacement. Equipment reaching the five-year mark will continue to be replaced in each subsequent year of the plan.

Prior to purchasing the budgeted equipment, IMSD will conduct an inventory of County employees to determine whether or not the equipment list should be adjusted based on potential Countywide layoffs and retirements in 2004.

The 2004 Capital Improvements Budget begins an initiative to replace the County's 140 fileservers under a five-year replacement schedule. Implementation of this replacement schedule will insure the County's infrastructure remains current by replacing 22 fileservers, approximately 16 percent of the total.

The technology industry is constantly improving software and equipment and, by obtaining newer software and equipment, Milwaukee County departments support their changing statutory, contractual, and business processes.

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

**IMSD Staffing Plan**

IMSD staff will be responsible for the project management, acquisition and deployment of this computer equipment.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
## MILWAUKEE COUNTY

**WO301 - Countywide Technical Infrastructure**

| Sub-Project | Org. | Department | Description | Monitor Size | New/Replacement | Recommended-2004 Pricing Qty | Price | Total |
|---|---|---|---|---|---|---|---|---|
| WO30101 | 4000 | Sheriff | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 | Replacement | 40 | $745 | $29,800 |
| WO30101 | 4000 | Sheriff | Software-Windows 2003 Server | | New | 3 | $1,199 | $3,597 |
| WO30101 | 4000 | Sheriff | SERVER1(Department-low end) | | New | 0 | $12,000 | $0 |
| WO30101 | 4000 | Sheriff | SERVER1(Department-low end) | | Replacement | 3 | $12,000 | $36,000 |
| WO30101 | 4000 | Sheriff | Software-ScheduleSoft employee scheduling | | New | 0 | $35,848 | $0 |
| WO30101 | 4000 | Sheriff | Digital Playback System | | Replacement | 0 | $4,000 | $0 |
| WO30101 | 4000 | Sheriff | COMP1(Stnd. Desktop PC-CPU only)-Replacement | | Replacement | 0 | $635 | $0 |
| | **4000 Total** | | | | | | | **$69,397** |
| WO30103 | 5081 | DPW-A & E | SERVER1(Department-low end) | | New | 1 | $12,000 | $12,000 |
| WO30103 | 5081 | DPW-A & E | PRNTR3 (Laser/Workgroup) | | Replacement | 1 | $2,500 | $2,500 |
| WO30103 | 5081 | DPW-A & E | PRNTR5 (Printer/Plotter 42") | | Replacement | 1 | $8,000 | $8,000 |
| WO30103 | 5081 | DPW-A & E | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 | Replacement | 7 | $745 | $5,215 |
| | **5081 Total** | | | | | | | **$27,715** |
| WO30103 | 5083 | DPW-Transportation | CMPTR (Stnd. Laptop) | | Replacement | 1 | $1,300 | $1,300 |
| | **5083 Total** | | | | | | | **$1,300** |
| WO30103 | 5300 | DPW-Fleet Management | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 19 | Replacement | 13 | $800 | $10,400 |
| WO30103 | 5300 | DPW-Fleet Management | PRNTR2 (Laser/Workteam) | | Replacement | 4 | $1,500 | $6,000 |
| | **5300 Total** | | | | | | | **$16,400** |
| WO30103 | 5190 | DPW-Highway Maintenance | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 | Replacement | 3 | $745 | $2,235 |
| WO30103 | 5190 | DPW-Highway Maintenance | COMP1(Stnd. Desktop PC-CPU only)-Replacement | | Replacement | 8 | $635 | $5,080 |
| | **5190 Total** | | | | | | | **$7,315** |
| WO30103 | 5700 | DPW-Facilities Management | COMP1(Stnd. Desktop PC-CPU only)-Replacement | | Replacement | 9 | $635 | $5,715 |
| | **5700 Total** | | | | | | | **$5,715** |
| WO30104 | 9500 | Zoo | SERVER2(Enterprise-high end) | | Replacement | 0 | $20,000 | $0 |
| WO30104 | 9500 | Zoo | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 Flat Panel | Replacement | 12 | $900 | $10,800 |
| WO30104 | 9500 | Zoo | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 | New | 0 | $745 | $0 |
| WO30104 | 9500 | Zoo | PRNTR2 (Laser/Workteam) | | Replacement | 2 | $1,500 | $3,000 |
| WO30104 | 9500 | Zoo | PRNTR2 (Laser/Workteam) | | New | 1 | $1,500 | $1,500 |
| WO30104 | 9500 | Zoo | CMPTR (Stnd. Laptop) | | New | 0 | $1,300 | $0 |
| WO30104 | 9500 | Zoo | COMP1(Stnd. Desktop PC-CPU only)-Replacement | | Replacement | 12 | $635 | $7,620 |
| | **9500 Total** | | | | | | | **$22,920** |
| WO30105 | 3430 | Register of Deeds | Scanner-Fujitsu 4340C | | New | 2 | $6,000 | $12,000 |
| WO30105 | 3430 | Register of Deeds | SERVER2(Enterprise-high end) | | Replacement | 1 | $20,000 | $20,000 |
| | **3430 Total** | | | | | | | **$32,000** |
| WO30106 | 3090 | Treasurer | COMP1(Stnd. Desktop PC-CPU only)-Replacement | | Replacement | 3 | $635 | $1,905 |
| | **3090 Total** | | | | | | | **$1,905** |
| WO30109 | 1141 | Human Resources | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 | Replacement | 20 | $745 | $14,900 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
## MILWAUKEE COUNTY

**WO301 - Countywide Technical Infrastructure**

| Sub-Project | Org. | Department | Description | Monitor Size | New/Replacement | Recommended-2004 Pricing Qty | Price | Total |
|---|---|---|---|---|---|---|---|---|
| WO30109 | 1141 | Human Resources | PRNTR2 (Laser/Workteam) | | Replacement | 2 | $1,500 | $3,000 |
| | **1141 Total** | | | | | | | **$17,900** |
| WO30111 | 6325 | BHD-Nursing Administration | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 | Replacement | 2 | $745 | $1,490 |
| WO30111 | 6325 | BHD-Nursing Administration | PRNTR3 (Laser/Workgroup) | | Replacement | 1 | $2,500 | $2,500 |
| | **6325 Total** | | | | | | | **$3,990** |
| WO30111 | 6336 | BHD-Education Services | PRNTR3 (Laser/Workgroup) | | Replacement | 1 | $2,500 | $2,500 |
| | **6336 Total** | | | | | | | **$2,500** |
| WO30111 | 6403 | BHD-Downtown CSP | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 | New | 6 | $745 | $4,470 |
| | **6403 Total** | | | | | | | **$4,470** |
| WO30111 | 6404 | BHD-Southside CSP | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 | New | 10 | $745 | $7,450 |
| | **6404 Total** | | | | | | | **$7,450** |
| WO30111 | 6405 | BHD-Northside CSP | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 | New | 6 | $745 | $4,470 |
| | **6405 Total** | | | | | | | **$4,470** |
| WO30111 | 6407 | BHD-Sail | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 | New | 4 | $745 | $2,980 |
| WO30111 | 6407 | BHD-Sail | CMPTR (Stnd. Laptop) | | Replacement | 1 | $1,300 | $1,300 |
| | **6407 Total** | | | | | | | **$4,280** |
| WO30111 | 6424 | BHD-AODA | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 | New | 4 | $745 | $2,980 |
| | **6424 Total** | | | | | | | **$2,980** |
| WO30111 | 6513 | BHD-Dietary | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 | Replacement | 6 | $745 | $4,470 |
| | **6513 Total** | | | | | | | **$4,470** |
| WO30111 | 6556 | BHD-MIS | PRNTR3 (Laser/Workgroup) | | Replacement | 12 | $2,500 | $30,000 |
| | **6556 Total** | | | | | | | **$30,000** |
| WO30111 | 6557 | BHD-Medical Records | PRNTR3 (Laser/Workgroup) | | Replacement | 1 | $2,500 | $2,500 |
| WO30111 | 6557 | BHD-Medical Records | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 | Replacement | 2 | $745 | $1,490 |
| | **6557 Total** | | | | | | | **$3,990** |
| WO30112 | 7210 | CHRP | COMP1(Stnd. Desktop PC-CPU only) | | Replacement | 30 | $635 | $19,050 |
| WO30112 | 7210 | CHRP | CMPTR (Stnd. Laptop) | | Replacement | 1 | $1,300 | $1,300 |
| | **7210 Total** | | | | | | | **$20,350** |
| WO30112 | 7251 | GAMP | CMPTR (Stnd. Laptop) | | Replacement | 1 | $1,300 | $1,300 |
| | **7251 Total** | | | | | | | **$1,300** |
| WO30112 | 7271 | EMS | CMPTR (Stnd. Laptop) | | Replacement | 5 | $1,300 | $6,500 |
| | **7271 Total** | | | | | | | **$6,500** |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO301 - Countywide Technical Infrastructure**

| Sub-Project | Org. | Department | Description | Monitor Size | New/Replacement | Recommended-2004 Pricing Qty | Price | Total |
|---|---|---|---|---|---|---|---|---|
| WO30113 | 4300 | House of Correction | PRNTR2 (Laser/Workteam) | | Replacement | 3 | $1,500 | $4,500 |
| WO30113 | 4300 | House of Correction | SERVER2(Enterprise-high end) | | Replacement | 1 | $20,000 | $20,000 |
| WO30113 | 4300 | House of Correction | CMPTR (Stnd. Laptop) | | New | 2 | $1,300 | $2,600 |
| WO30113 | 4300 | House of Correction | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 | New | 15 | $745 | $11,175 |
| WO30113 | 4300 | House of Correction | PRNTR2 (Laser/Workteam) | | New | 2 | $1,500 | $3,000 |
| WO30113 | 4300 | House of Correction | PROJECTOR | | New | 0 | $3,400 | $0 |
| WO30113 | 4300 | House of Correction | PROJECTOR | | Replacement | 1 | $3,400 | $3,400 |
| | **4300 Total** | | | | | | | **$44,675** |
| WO30114 | 1160 | IMSD | CMPTR (Stnd. Laptop) | | Replacement | 1 | $1,300 | $1,300 |
| WO30114 | 1160 | IMSD | SERVER2(Enterprise-high end) | | Replacement | 1 | $20,000 | $20,000 |
| WO30114 | 1160 | IMSD-Zoo | Cisco Bridge | | New | 1 | $3,000 | $3,000 |
| WO30114 | 1160 | IMSD-Zoo | Cisco Bridge | | Replacement | 1 | $3,000 | $3,000 |
| WO30114 | 1160 | IMSD-Zoo | Switch | | Replacement | 4 | $2,500 | $10,000 |
| WO30114 | 1160 | IMSD-Parks Admin | Switch | | Replacement | 3 | $1,800 | $5,400 |
| WO30114 | 1160 | IMSD-Sheriff | Switch | | Replacement | 3 | $2,500 | $7,500 |
| WO30114 | 1160 | IMSD-Sheriff | Switch | | Replacement | 2 | $3,500 | $7,000 |
| WO30114 | 1160 | IMSD-DHS-JPC | Switch | | Replacement | 0 | $3,500 | $0 |
| WO30114 | 1160 | IMSD-DHS-JPC | Switch | | Replacement | 0 | $2,500 | $0 |
| | **1160 Total** | | | | | | | **$57,200** |
| WO30114 | 1161 | IMSD | SERVER1(Department-low end) | | Replacement | 15 | $12,000 | $180,000 |
| WO30114 | 1161 | IMSD | Server Rack Systems | | New | 8 | $1,200 | $9,600 |
| WO30114 | 1161 | IMSD | UPS | | New | 8 | $1,300 | $10,400 |
| WO30114 | 1161 | IMSD | Backup Changers | | Replacement | 8 | $4,000 | $32,000 |
| | **1161 Total** | | | | | | | **$232,000** |
| WO30114 | 1173 | IMSD-Connectivity | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 19 | Replacement | 5 | $800 | $4,000 |
| WO30114 | 1173 | IMSD-Connectivity | Switch | | Replacement | 4 | $2,500 | $10,000 |
| WO30114 | 1173 | IMSD-Connectivity | Cisco VPN-Box | | New | 1 | $8,000 | $8,000 |
| WO30114 | 1173 | IMSD-Connectivity | Server Rack | | New | 3 | $1,200 | $3,600 |
| | **1173 Total** | | | | | | | **$25,600** |
| WO30114 | 1178 | IMSD-Applications | COMP3(High End Desktop) | | Replacement | 0 | $4,000 | $0 |
| WO30114 | 1178 | IMSD-Applications | CMPTR (Stnd. Laptop) | | Replacement | 1 | $1,300 | $1,300 |
| WO30114 | 1178 | IMSD-Applications | COMP1(Stnd. Desktop PC-CPU only) | | Replacement | 6 | $635 | $3,810 |
| | **1178 Total** | | | | | | | **$5,110** |
| WO30114 | 1163 | IMSD-Fiscal & Support | PROJECTOR | | Replacement | 0 | $3,400 | $0 |
| | **1163 Total** | | | | | | | **$0** |
| WO30115 | 1000 | County Board | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 | Replacement | 9 | $745 | $6,705 |
| WO30115 | 1000 | County Board | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 19 | Replacement | 1 | $800 | $800 |
| | **1000 Total** | | | | | | | **$7,505** |
| WO30116 | 1001 | Audit | COMP1(Stnd. Desktop PC-CPU only) | | Replacement | 10 | $635 | $6,350 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
## MILWAUKEE COUNTY

**WO301 - Countywide Technical Infrastructure**

| Sub-Project | Org. | Department | Description | Monitor Size | New/Replacement | Recommended-2004 Pricing Qty | Price | Total |
|---|---|---|---|---|---|---|---|---|
| | 1001 Total | | | | | | | $6,350 |
| WO30118 | 9000 | Parks | Switch | | Replacement | 0 | $3,000 | $0 |
| | 9000 Total | | | | | | | $0 |
| WO30120 | 1040 | Disadvantaged Business Development | COMP1(Stnd. Desktop PC-CPU only) | | Replacement | 7 | $635 | $4,445 |
| | 1040 Total | | | | | | | $4,445 |
| WO30122 | 1152 | Procurement | COMP1(Stnd. Desktop PC-CPU only)-Replacement | | Replacement | 1 | $635 | $635 |
| | 1152 Total | | | | | | | $635 |
| WO30124 | 4900 | Medical Examiner | COMP1(Stnd. Desktop PC-CPU only)-Replacement | | Replacement | 2 | $635 | $1,270 |
| | 4900 Total | | | | | | | $1,270 |
| WO30125 | 7912 | Aging | CMPTR (Stnd. Laptop) | | New | 15 | $1,300 | $19,500 |
| WO30125 | 7912 | Aging | CMPTR (Stnd. Laptop) | | Replacement | 15 | $1,800 | $27,000 |
| | 7912 Total | | | | | | | $46,500 |
| WO30130 | 2811 | Clerk of Courts | Color Laserjet Printer with NIC | | New | 1 | $2,300 | $2,300 |
| | 2811 Total | | | | | | | $2,300 |
| WO30132 | 1151 | DAS-Fiscal Affairs | CMPTR (Stnd. Laptop) | | Replacement | 2 | $1,300 | $2,600 |
| WO30132 | 1151 | DAS | COMP1(Stnd. Desktop PC-CPU only)-Replacement | | Replacement | 5 | $635 | $3,175 |
| | 1151 Total | | | | | | | $5,775 |
| WO30133 | 3010 | Election Commission | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 19 | New | 1 | $800 | $800 |
| WO30133 | 3010 | Election Commission | PRNTR2 (Laser/Workteam) | | New | 1 | $1,500 | $1,500 |
| | 3010 Total | | | | | | | $2,300 |
| WO30135 | 1130 | Corporation Counsel | PROJECTOR | | New | 0 | $3,400 | $0 |
| WO30135 | 1130 | Corporation Counsel | PRNTR2 (Laser/Workteam) | | Replacement | 1 | $1,500 | $1,500 |
| WO30135 | 1130 | Corporation Counsel | COMP2 (Stnd. Desktop PC-CPU & Mntr) | 17 | Replacement | 10 | $745 | $7,450 |
| | 1130 Total | | | | | | | $8,950 |
| | Grand Total | | | | | | | $749,932 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WO302 | 800 MHz Radio | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Information Mamagement Services Division | General Government |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| | Elizabeth Thundercloud | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | | | | | $0 |
| 2004 | $48,752 | | | | $48,752 |
| 2005 | | | | | $0 |
| 2006 | | | | | $0 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $48,752 | $0 | $0 | $0 | $48,752 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | | | $0 |
| Construction & Implementation | | | | $0 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | $48,752 | | $48,752 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | | | $0 |
| DPW Charges | | | | $0 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | $48,752 | | $48,752 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $0 | $48,752 | $0 | $48,752 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $48,752 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $48,752 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| | |

| Project Useful Life (Years) | 5 |
|---|---|

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $9,750 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $1,289 |
| Change in Annual Costs | $11,040 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $11,040 |

## Project Schedule

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

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO302-800 MHz Radio System**

An appropriation of $48,752 is budgeted for the replacement of the radio console used to monitor the 800 MHz system. This project is financed by general obligation bonds.

The 800 MHz System provides public safety communications to 13 County departments and 13 suburban law enforcement agencies. At the present time, the 800 MHz system supports 2,856 subscriber units and 84 control stations. In 2004, 126 more subscribers and four control stations will be added when the Northshore Police Departments begins using the system. Back-up power for the radio system is essential in the event all or a portion of the electrical power grid to Milwaukee County is disrupted by a man-made or natural disaster.

The appropriation would replace the Smartnet Information Management System (SIMS) radio console. The original console is over ten years old and is a UNIX-based device. The vendor, Motorola, will discontinue support of the device in 2004. The SIMS console has several radio system management functions. The primary function is control of system operation and diagnostics. It allows the technician to determine system faults and control the system to work around temporary system problems. It provides the ability to control the radio network remotely, through a dialup modem and permits the transmission of data to the Sheriff's Department CAD system. It also provides the ability to create reports of radio system statistics.

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

**IMSD Staffing Plan**

IMSD staff will be responsible for the project management, acquisition and deployment of the radio console.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WO411 | Sheriff's Mobile Data Computer Upgrade | |

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

| Department Priority | Person Completing Form | Date |
|---|---|---|
| 3 | George Brotz | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | | | | | $0 |
| 2003 | | | | | $0 |
| 2004 | $192,000 | | | | $192,000 |
| 2005 | $128,000 | | | | $128,000 |
| 2006 | $192,000 | | | | $192,000 |
| 2007 | | | | | $0 |
| 2008 | | | | | $0 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $512,000 | $0 | $0 | $0 | $512,000 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | | | | $0 |
| Construction & Implementation | | | | $0 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | $192,000 | $320,000 | $512,000 |
| Other | | | | $0 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | | | $0 |
| DPW Charges | | | | $0 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | $192,000 | $320,000 | $512,000 |
| Other Expenses | | | | $0 |
| **Total Project Cost** | $0 | $192,000 | $320,000 | $512,000 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $192,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $192,000 |

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Sherriffs Dept | | 5 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $0 |
| 2002 Expenditures | $0 |
| 2003 Expenditures | $0 |
| Total Expenditures to Date | $0 |
| Encumbrances | $0 |
| **Available Balance** | $0 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $102,400 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $13,541 |
| Change in Annual Costs | $115,941 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $115,941 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | |
| Complete Preliminary Plans | 2/31/04 |
| Complete Final Plans & Specifications | 3/31/04 |
| Begin Construction | 4/1/04 |
| Complete Construction | 9/1/04 |
| Scheduled Project Closeout | 11/31/04 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO411 - Mobile Data Computer Upgrade**

An appropriation of $192,000 is budgeted for the first year of a three-year replacement cycle for the mobile data computers (MDC) located in the Sheriff's squad cars. This project is financed by general obligation bonds.

The Patrol and Communications Divisions use MDCs to access the State of Wisconsin's TIME system to receive current driver license information, criminal history information and the result of wanted checks regarding subjects and vehicles. There are 64 MDCs department-wide. The approximate cost of replacing 24 MDCs in 2004 at $8,000 each is $192,000.

The following proposed replacement schedule would allow for the replacement of all 64 MDCs over the next few years:

| | | |
|---|---|---|
| 2004 | 24 units | $192,000 |
| 2005 | 16 units | $128,000 |
| 2006 | 24 units | $192,000 |

**Staffing Plan**

The Sheriff's Department will be responsible for project management.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WO860 | Countywide Handicapped Accessibility Program | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Office for Persons with Disabilities | General Government |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| | Ivars Zusevics | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $1,279,706 | $36,480 | | | $1,243,226 |
| 2003 | $300,000 | | | | $300,000 |
| 2004 | $130,000 | | | | $130,000 |
| 2005 | $100,000 | | | | $100,000 |
| 2006 | $100,000 | | | | $100,000 |
| 2007 | $592,000 | | | | $592,000 |
| 2008 | $502,000 | | | | $502,000 |
| SUBSEQUENT | | | | | $0 |
| TOTAL | $3,003,706 | $36,480 | $0 | $0 | $2,967,226 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $142,250 | $19,500 | | $161,750 |
| Construction & Implementation | $773,350 | $110,500 | $1,294,000 | $2,177,850 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | $664,106 | | | $664,106 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | $59,000 | $10,400 | | $69,400 |
| DPW Charges | $83,250 | $9,663 | | $92,913 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | $773,350 | $109,937 | $1,294,000 | $2,177,287 |
| Land/Land Improvements | | | | $0 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | $664,106 | | | $664,106 |
| **Total Project Cost** | $1,579,706 | $130,000 | $1,294,000 | $3,003,706 |

## Budget Year Financing

| | |
|---|---|
| Federal, State and Local Aids | $0 |
| Non-Cash/ In-Kind Aids | |
| Sales and Use Tax Revenue | $49,000 |
| Property Tax Revenue | |
| Miscellaneous Revenue | |
| G.O. Bonds and Notes | $81,000 |
| Airport Reserve | |
| Investment Earnings | |
| PFC Revenue | |
| Gifts & Cash Contributions | |
| Other Revenue | |
| Total Budget Year Financing | $130,000 |

| Cost Estimates Prepared By | DPW Review By |
|---|---|
| John Bunn & Thomas Pritzlaff | Walter Wilson |

| | |
|---|---|
| Project Useful Life (Years) | 30 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $876,285 |
| 2002 Expenditures | $154,103 |
| 2003 Expenditures | $104,566 |
| Total Expenditures to Date | $1,134,953 |
| Encumbrances | $78,442 |
| **Available Balance** | $366,311 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $100,124 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $78,475 |
| Change in Annual Costs | $178,598 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $178,598 |

## Project Schedule

| | |
|---|---|
| Complete Site Acquisition | n/a |
| Complete Preliminary Plans | various |
| Complete Final Plans & Specifications | various |
| Begin Construction | various |
| Complete Construction | various |
| Scheduled Project Closeout | various |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO860 – Countywide Handicapped Accessibility Program**

An appropriation of $130,000 is budgeted to provide for the facility accessibility requirements in compliance with the Americans with Disabilities Act (ADA) for all County facilities. This appropriation would be financed by $81,000 in general obligation bonds and $49,000 in sales tax revenue.

The appropriation would complete the highest priority projects established by the Commission for Persons with Disabilities. These projects include 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 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.

Milwaukee County makes 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 Countywide facilities: The Flad Report was done in 1979 to determine compliance with the requirements of Section 504 of the "Rehabilitation Act of 1973," and The Pfaller, Herbst Report, "Handicapped Building Accessibility Study," was completed in 1984 as an update to the earlier study.

ADA extended modification requirements of the Rehabilitation Act to all public facilities and programs, whether they received Federal assistance or not. In response to this mandate, Milwaukee County's Office for Persons with Disabilities conducted a Countywide evaluation of programs and services accessibility in 1992 and again in 2002. This self-evaluation provided additional data on modifications to be added to the original 1984 Countywide study.

These three studies and two decades of ongoing accessibility improvements form the basis for Milwaukee County's continuing efforts to comply with applicable law. The Commission for Persons with Disabilities reviewed the modifications recommended in the previous studies and the Countywide "self-evaluations," and selected those considered priorities.

The following projects are budgeted for 2004:

<u>Kosciuszko Community Center ADA Improvements</u> – An appropriation of $81,000 is included for ADA improvements to this facility, located at 2201 South 7th Street in the City of Milwaukee, including modifying toilet rooms, drinking fountain improvements, addition of power door openers and signage. The total cost of the improvements is $156,000. The improvements would be financed by the budgeted appropriation of $81,000 and $75,000 in existing funds in the program.

The Kosciuszko Center is one of two community centers operated by the Parks. It serves a large and diverse constituency with a variety of community meetings, events and recreation programs. The renovations will assure that this community center will be accessible to people with disabilities.

<u>General Accessibility</u>- $49,000 of funding is established to meet minor accessibility renovations in various County facilities. These funds are typically deployed to provide: power doors, accessible drinking fountains, lowering of service counters, ADA signage and other problems identified by constituents with disabilities. It is anticipated that a significant portion of these funds will be used to improve the accessibility of voting sites located in Milwaukee County facilities.

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO860 – Countywide Handicapped Accessibility Program (Contd.)**

**Staffing Plan**

The Department of Parks and Public Infrastructure (formerly Department of Public Works) and Office for Persons with Disabilities work cooperatively to identify ADA needs throughout the County. Overall project management will be completed by County staff.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

| Project No. | Project Title and Location | 4789-2004 |
|---|---|---|
| WO870 | County Special Assessments | |

| Requesting Department or Agency | Functional Group |
|---|---|
| Department of Public Works - Transportation Division | General Government |

| Department Priority | Person Completing Form | Date |
|---|---|---|
| | Benedict C. Eruchalu / Joan L. Vitense | September 15, 2003 |

## Capital Project Cost and Reimbursement Revenue By Year

| YEAR | CAPITAL APPROPRIATION | CAPITAL REIMBURSEMENT REVENUE | | | NET COUNTY COMMITMENT |
|---|---|---|---|---|---|
| | | FEDERAL | STATE | LOCAL/OTHER | |
| PRIOR | $3,881,653 | | | | $3,881,653 |
| 2003 | $100,000 | | | | $100,000 |
| 2004 | $100,000 | | | | $100,000 |
| 2005 | $100,000 | | | | $100,000 |
| 2006 | $100,000 | | | | $100,000 |
| 2007 | $100,000 | | | | $100,000 |
| 2008 | $100,000 | | | | $100,000 |
| SUBSEQUENT | $250,000 | | | | $250,000 |
| TOTAL | $4,731,653 | $0 | $0 | $0 | $4,731,653 |

## Project Cost Breakdown

| PROJECT BY PHASE | PRIOR YEARS PROJECT COST | 2004 PROJECT COST | 5 YEAR PLAN | TOTAL PROJECT COST |
|---|---|---|---|---|
| Basic Planning & Design | $480,000 | $20,000 | $130,000 | $630,000 |
| Construction & Implementation | $590,000 | $80,000 | $520,000 | $1,190,000 |
| Right-of-Way Acquisition | | | | $0 |
| Equipment | | | | $0 |
| Other | $2,911,653 | | | $2,911,653 |
| **PROJECT EXPENDITURES** | **PRIOR YEARS PROJECT COST** | **2004 PROJECT COST** | **5 YEAR PLAN** | **TOTAL PROJECT COST** |
| Consultant Fees | | | | $0 |
| Professional Services | | | | $0 |
| DPW Charges | $44,641 | $20,000 | $130,000 | $194,641 |
| Capitalized Interest | | | | $0 |
| Park Services | | | | $0 |
| Disadv. Business Serv. | | | | $0 |
| Buildings/Structures | | | | $0 |
| Land/Land Improvements | $590,000 | $80,000 | $520,000 | $1,190,000 |
| Roadway Plng & Construction | | | | $0 |
| Equipment & Furnishings | | | | $0 |
| Other Expenses | $3,347,012 | | | $3,347,012 |
| **Total Project Cost** | $3,981,653 | $100,000 | $650,000 | $4,731,653 |

## Budget Year Financing

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

| Cost Estimates Prepared By | DPW Review By | Project Useful Life (Years) |
|---|---|---|
| Benedict C. Eruchalu | Fred V. Abadi | 25 |

## Project Fiscal Status

| | |
|---|---|
| Prior Year Expenditures | $3,318,320 |
| 2002 Expenditures | $262,339 |
| 2003 Expenditures | $56,767 |
| Total Expenditures to Date | $3,637,426 |
| Encumbrances | $0 |
| **Available Balance** | $344,227 |

## Project Annual Operating Costs

| | |
|---|---|
| Net Annual Depreciation | $141,666 |
| Change in Operating Costs | $0 |
| Annual Interest Expense | $125,139 |
| Change in Annual Costs | $266,805 |
| Change in Annual Revenues | $0 |
| Change in Property Taxes | $266,805 |

## 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 |

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS
# MILWAUKEE COUNTY

**WO870 – County Special Assessments**

An appropriation of $100,000 is budgeted for special assessments levied on the County by local municipalities. This appropriation is financed by sales tax revenue.

Typically, the special assessments are for the installation of improvements such as street pavement, curb and gutter, sidewalks, water main and sewers in lands abutting County lands or facilities.

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

**Staffing Plan**

Overall, Department of Parks and Public Infrastructure (formerly Department of Public Works) staff will perform project management. The project manager will be Benedict C. Eruchalu.

**This Page Left Intentionally Blank.**

# 2004 RECOMMENDED CAPITAL IMPROVEMENTS

# FIVE-YEAR CAPITAL IMPROVEMENTS PROGRAM
# 2004 to 2008

# Five-Year Recommended Capital Improvements Program (2004-2008)

**Master Spreadsheet**

9/15/2003

| Project Number | Project | 2004 Preliminary Budget | BOND AMOUNT | 2005 Projected Budget | BOND AMOUNT | 2006 Projected Budget | BOND AMOUNT | 2007 Projected Budget | BOND AMOUNT | 2008 Projected Budget | BOND AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **TRANSPORTATION AND PUBLIC WORKS** | | | | | | | | | | |
| | **AIRPORT** | | | | | | | | | | |
| WA006 | GMIA C Concourse Gate Expansion | | - | 6,795,000 | 6,795,000 | 14,373,000 | 14,373,000 | | - | | - |
| WA014 | GMIA Terminal Apron Joint Repair | 736,000 | - | 650,000 | - | 650,000 | - | | - | | - |
| WA028 | GMIA Property Acquisition (St. Stephen's Church) | | | 1,590,000 | 1,590,000 | | - | | - | | - |
| WA034 | GMIA Separate Field Lighting Circuits & New Regulator Room | 2,500,000 | - | 1,652,000 | - | | - | | - | | - |
| WA040 | GMIA-Terminal Wall Treatments | | - | 998,000 | 998,000 | | - | | - | | - |
| WA042 | GMIA Baggage Claim Remodeling | | | 1,510,000 | 1,510,000 | 8,530,000 | 8,530,000 | | | | - |
| WA048 | GMIA D Concourse Improvements | | - | 5,115,000 | 5,115,000 | | - | | - | | - |
| WA051 | GMIA Bus/Limousine Queing Area | 350,000 | 350,000 | | - | | - | | - | | - |
| WA058 | GMIA Remodel Airport Security Substation | | - | 150,000 | 150,000 | | - | | - | | - |
| WA060 | GMIA Rebuild Taxiway B East of Taxiway R | 430,000 | - | | - | | - | | - | | - |
| WA061 | GMIA E Concourse Stem Remodeling (Design) | 135,000 | 135,000 | 990,000 | 990,000 | | - | | - | | - |
| WA062 | GMIA Firehouse Garage Addition (Design) | | - | 79,200 | 79,200 | 712,800 | 712,800 | | - | | - |
| WA063 | GMIA Parallel Taxiway between 1R&1L | | - | | - | | - | 685,000 | 685,000 | 7,135,000 | 7,135,000 |
| WA064 | GMIA - Phase II Mitigation Program | | - | 6,250,000 | 6,250,000 | 6,250,000 | 6,250,000 | | - | | - |
| WA065 | GMIA Cargo Apron Expansion - Phase II | | - | | - | | - | 3,057,000 | 3,057,000 | 6,284,000 | 6,284,000 |
| WA066 | GMIA Outer Taxiway Extension | | - | 2,170,000 | 2,170,000 | | - | | - | | - |
| WA069 | GMIA Rebuild Taxiway M at B | | - | 1,125,000 | 1,125,000 | | - | | - | | |
| WA070 | GMIA Rebuild Taxiway R & R3 | | - | | - | 4,202,000 | 4,202,000 | | - | | |
| WA071 | GMIA New Employee Parking (St. Stephen's) | | - | 1,622,000 | 1,622,000 | | - | | - | | |
| WA073 | GMIA Taxiway B-C | | - | 2,491,000 | 2,491,000 | | - | | - | | |
| WA074 | GMIA South Ticketing | | - | | - | 1,866,000 | 1,866,000 | | - | | |

# Five-Year Recommended Capital Improvements Program (2004-2008)

**Master Spreadsheet**

**9/15/2003**

| Project Number | Project | 2004 Preliminary Budget | BOND AMOUNT | 2005 Projected Budget | BOND AMOUNT | 2006 Projected Budget | BOND AMOUNT | 2007 Projected Budget | BOND AMOUNT | 2008 Projected Budget | BOND AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | - | | - | | - | | - | | |
| WA075 | GMIA Terminal Lighting Renovation | | | 330,000 | 330,000 | | - | | - | | |
| | | | | | - | | | | - | | |
| WA308 | GMIA-Phase I Mitigation Program | 9,375,000 | - | | - | | - | | - | | |
| | | | | | | | - | | | | |
| WA | Total Airport | 13,526,000 | 485,000 | 33,517,200 | 31,215,200 | 36,583,800 | 35,933,800 | 3,742,000 | 3,742,000 | 13,419,000 | 13,419,000 |
| | | | | | | | - | | - | | |
| | HIGHWAY | | | | | | | | | | |
| WH001011 | Traffic Hazard Elimination - Various - Design | | - | | - | 90,000 | 9,000 | | - | | - |
| WH001012 | Traffic Hazard Elimination - Various - Construct | | - | | - | | - | 300,000 | 30,000 | 300,000 | 30,000 |
| WH001042 | W. Layton Ave.: S. 27th St. to S. 92nd St. - Construct | | - | 305,610 | 30,561 | | - | | - | | - |
| WH001051 | Oklahoma Ave., Beloit Rd. & S. 92nd St. - Design | | - | 38,200 | 3,820 | | - | | - | | - |
| WH001052 | Oklahoma Ave., Beloit Rd. & S. 92nd St. - Construct | | - | 276,861 | 27,686 | | - | | - | | - |
| WH001071 | W. Silver Spring Dr.: 91st St. to 124th St. - Design | | - | 50,000 | 5,000 | | - | | - | | - |
| WH001072 | W. Silver Spring Dr.: 91st St. to 124th St. - Construct | | - | 260,100 | 26,010 | | - | | - | | - |
| WH001081 | W. Good Hope Rd. & N. 91st St. - Design | | - | | - | 45,000 | 4,500 | | - | | - |
| WH001082 | W. Good Hope Rd. & N. 91st St. - Construct | | - | | - | 170,000 | 17,000 | | - | | - |
| WH001091 | W. Hampton Ave.: 60th St. to 124th St. - Design | | - | | - | 89,000 | 8,900 | | - | | - |
| WH001092 | W. Hampton Ave.: 60th St. to 124th St. - Construct | | - | | - | | - | 330,000 | 33,000 | | - |
| WH001101 | S. 76th St.: Parkview Ln. to Oklahoma Ave. - Design | | - | | - | | - | | - | 142,800 | 14,280 |
| WH001111 | W. Mill Rd. - Design | | - | | - | | - | | - | 57,000 | 5,700 |
| WH001112 | W. Mill Rd. - Construct | | - | | - | | - | | - | 155,000 | 15,500 |
| | Total Traffic Hazard Elimination Program | | - | 930,771 | 93,077 | 394,000 | 39,400 | 630,000 | 63,000 | 654,800 | 65,480 |
| WH010021 | Reconst. Mill Rd.: 43rd-Teutonia - Design | | - | | - | | - | 100,000 | 20,000 | | - |
| WH010022 | Reconst. Mill Rd.: 43rd-Teutonia - Construct | | - | | - | | - | | - | 400,000 | 80,000 |
| WH010071 | Reconst. S.13th St.: Rawson to College - Design | 155,000 | - | | - | | - | | - | | - |
| WH010072 | Reconst. S.13th St.: Rawson to College - Construct | | - | 1,787,500 | 255,500 | 1,787,500 | 255,500 | | - | | - |
| WH010073 | Reconst. S.13th St.: Rawson to College - ROW | | - | 300,000 | 40,000 | | - | | - | | - |
| WH010091 | W. Hampton Ave.: 92nd to Hwy 100 - Design | | - | | - | | - | 300,000 | 60,000 | | - |
| WH010092 | W. Hampton Ave.: 92nd to Hwy 100 - Construct | | - | | - | | - | 1,000,000 | 200,000 | 1,000,000 | 200,000 |
| WH010131 | S. 13th St.: So. County Line to Ryan Rd. - Design | | - | | - | | - | 150,000 | 30,000 | | - |
| | Total County Highway Action Program | 155,000 | - | 2,087,500 | 295,500 | 1,787,500 | 255,500 | 1,550,000 | 310,000 | 1,400,000 | 280,000 |
| WH020011 | Resurf. S. 76th St.: South County Line-Puetz - Design | | - | | - | | - | 150,000 | 30,000 | | - |
| WH020031 | Resurf. Silver Spring Dr: 90th to 124th - Design | | - | | - | 342,900 | 68,580 | | - | | - |
| WH020032 | Resurf. Silver Spring Dr: 90th to 124th -Construct | | - | | - | | - | 1,200,000 | 240,000 | 1,200,000 | 240,000 |
| WH020051 | Resurf. W. Oklahoma Ave.: 108th to 72nd - Design | | - | | - | | - | 336,000 | 67,200 | | - |
| WH020091 | Resurf. Silver Spring Dr: 90th to 69th - Design | | - | 257,100 | 51,420 | | - | | - | | - |
| WH020092 | Resurf. Silver Spring Dr: 90th to 69th -Construct | | - | | - | | - | 700,000 | 140,000 | | - |
| | Total Major Rehabilitation - CTH | - | - | 257,100 | 51,420 | 342,900 | 68,580 | 2,386,000 | 477,200 | 1,200,000 | 240,000 |
| WH030012 | Forest Home Bridge-Branch of Root River - Construct | | - | 450,000 | 90,000 | 450,000 | 90,000 | | - | | - |
| WH030022 | Oak Creek Parkway Bridge #741- Construct | | - | 527,600 | 105,520 | 452,000 | 90,400 | | - | | - |
| WH030032 | Milwaukee River Parkway Brdg #647 - Construct | 751,800 | 150,360 | 726,000 | 145,200 | | - | | - | | - |
| WH030041 | Jackson Park Drive - KK River Bridge - Design | | - | 126,000 | 25,200 | | - | | - | | - |
| WH030042 | Jackson Park Drive - KK River Bridge - Construct | | - | | - | | - | 500,000 | 100,000 | | - |
| WH030051 | W. College Ave - Whitnall Park Brdg #562- Design | 120,000 | 24,000 | | - | | - | | - | | - |
| WH030052 | W. College Ave - Whitnall Park Brdg #562- Construct | | - | | - | | - | 620,000 | 122,000 | | - |
| WH030061 | Whitnall Park Bridge #721 - Root River - Design | | - | | - | | - | 115,000 | 23,000 | | - |
| WH030071 | Milwaukee River Parkway Bridge #646 - Design | | - | 150,000 | 30,000 | | - | | - | | - |

# Five-Year Recommended Capital Improvements Program (2004-2008)

Master Spreadsheet

9/15/2003

| Project Number | Project | 2004 Preliminary Budget | BOND AMOUNT | 2005 Projected Budget | BOND AMOUNT | 2006 Projected Budget | BOND AMOUNT | 2007 Projected Budget | BOND AMOUNT | 2008 Projected Budget | BOND AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WH030072 | Milwaukee River Parkway Brdg #646 - Construct | | - | | - | | - | 500,000 | 100,000 | | - |
| WH030082 | Honey Creek Pkwy Brdg #779 - Honey Creek - Construct | | - | | - | 500,000 | 100,000 | | - | | - |
| WH030092 | Honey Creek Pkwy Brdg #780 - Honey Creek - Construct | | - | | - | 500,000 | 100,000 | | - | | - |
| WH030121 | Whitnall Park Brdg #565 - Root River - Design | | - | | - | | - | 125,000 | 25,000 | | - |
| WH030141 | W. Vienna Ave. - Menomonee River #771 - Design | | - | | - | | - | 125,000 | 25,000 | | - |
| WH030161 | W. Oklahoma Ave.-Honey Creek Bridge #0027-Design | | - | | - | 212,000 | 42,400 | | - | | - |
| WH030162 | W. Oklahoma Ave.-Honey Creek Bridge #0027-Construct | | - | | - | | - | 511,000 | 102,200 | 511,000 | 102,200 |
| | **Total Bridge Replacement Program** | 871,800 | 174,360 | 1,979,600 | 395,920 | 2,114,000 | 422,800 | 2,496,000 | 497,200 | 511,000 | 102,200 |
| WH060011 | Transportation Division Project Management | 100,000 | - | 100,000 | - | 100,000 | - | 100,000 | - | 100,000 | - |
| | **Total Transportation Division Project Management** | 100,000 | - | 100,000 | - | 100,000 | - | 100,000 | - | 100,000 | - |
| WH080011 | S. 76th St. - West Forest Home Ave. - Design | 457,000 | 91,400 | | - | | - | | - | | - |
| WH080012 | S. 76th St. - West Forest Home Ave. - Construct | | - | | - | 2,499,000 | 499,800 | | - | | - |
| WH080021 | W. Good Hope Rd - Little Menomonee River - Design | | - | 294,000 | 58,800 | | - | | - | | - |
| | | 457,000 | 91,400 | 294,000 | 58,800 | 2,499,000 | 499,800 | - | - | - | - |
| WH082012 | Reconstruct CTH "ZZ" College Avenue - Construct | | - | | - | | - | 3,100,000 | 930,000 | 3,000,000 | 900,000 |
| WH082013 | Reconstruct CTH "ZZ" College Avenue - ROW | | - | 200,000 | 60,000 | | - | | - | | - |
| WH082021 | Good Hope: 107th to Pt. Washington - Design | | - | 247,000 | 123,500 | | - | | - | | - |
| WH082022 | Good Hope: 107th to Pt. Washington - Construct | | - | | - | | - | 4,500,000 | 504,000 | 1,500,000 | 168,000 |
| WH082031 | Resurf. Rawson Av.: Ash St. to 27th St. - Design | 210,000 | - | | - | | - | | - | | - |
| WH082032 | Resurf. Rawson Av.: Ash St. to 27th St. - Construct | | - | 1,911,600 | 382,320 | | - | 2,948,400 | 589,680 | | - |
| | **Total National Highway System** | 210,000 | - | 2,358,600 | 565,820 | - | - | 10,548,400 | 2,023,680 | 4,500,000 | 1,068,000 |
| WH201071 | Reconst. 76th St.: Puetz & Imperial - Design | | - | | - | | - | 457,500 | 228,750 | | - |
| WH201072 | Reconst. 76th St.: Puetz & Imperial - Construct | | - | | - | | - | | - | 3,050,000 | 915,000 |
| WH201131 | Port Wash.Rd: Good Hope to County Line - Design | 173,720 | 17,372 | | - | | - | | - | | - |
| WH201132 | Port Wash.Rd: Good Hope to County Line - Construct | 969,137 | 96,913 | 3,500,000 | 350,000 | | - | | - | | - |
| WH201133 | Port Wash.Rd: Good Hope to County Line- ROW | 1,006,715 | 100,672 | | - | | - | | - | | - |
| | **Total County Highway Action Program** | 2,149,572 | 214,957 | 3,500,000 | 350,000 | - | - | 457,500 | 228,750 | 3,050,000 | 915,000 |
| WH203051 | Resurf. 76th St.: Cold Spring/Oklahoma - Design | | - | 240,000 | 48,000 | | - | | - | | - |
| | **Total Major Rehabilitation - CTH** | - | - | 240,000 | 48,000 | - | - | - | - | - | - |
| WH205152 | CTH "T", W. Beloit Rd./Root River - Construct | 1,270,000 | 254,000 | | - | | - | | - | | - |
| | **Total Bridge Replacement Program** | 1,270,000 | 254,000 | - | - | - | - | - | - | - | - |
| WH225021 | Culvert Replacement - Various -Design | | - | 15,000 | 15,000 | | - | | - | | - |
| | **Total Culvert Replacement Program** | - | - | 15,000 | 15,000 | - | - | - | - | - | - |
| WH226042 | W. Hampton Ave. - Union Pacific RR - Construct | 2,380,840 | 476,168 | 2,314,130 | 462,826 | | - | | - | | - |
| WH226052 | W. Hampton Ave. - Menomonee River - Construct | 818,820 | 163,764 | 850,530 | 170,106 | | - | | - | | - |
| | **Total Bridge Rehabilitation Program** | 3,199,660 | 639,932 | 3,164,660 | 632,932 | - | - | - | - | - | - |
| WH228 | Highway Maintenance & Fleet Management Garage Facility | | - | 770,000 | 770,000 | 1,825,000 | 1,825,000 | 2,410,000 | 2,410,000 | 1,450,000 | 1,450,000 |
| WH | **Total Highways & Bridges** | 8,413,032 | 1,374,649 | 15,697,231 | 3,276,469 | 9,062,400 | 3,111,080 | 20,577,900 | 6,009,830 | 12,865,800 | 4,120,680 |
| | **TRANSIT** | | | | | | | | | | - |
| WT011 | Orion | 8,430,000 | 1,443,000 | 8,430,000 | 1,443,000 | 8,970,000 | 1,534,800 | | - | | - |

# Five-Year Recommended Capital Improvements Program (2004-2008)

Master Spreadsheet

9/15/2003

| Project Number | Project | 2004 Preliminary Budget | BOND AMOUNT | 2005 Projected Budget | BOND AMOUNT | 2006 Projected Budget | BOND AMOUNT | 2007 Projected Budget | BOND AMOUNT | 2008 Projected Budget | BOND AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | - | | - |
| WT013 | Computer Upgrade | 70,000 | 14,000 | | - | - | - | | - | | - |
| | | | | | | | | | - | | - |
| WT014 | Radios/AVL Upgrade | | - | 2,500,000 | 500,000 | 1,000,000 | 200,000 | 1,000,000 | 200,000 | 1,000,000 | 200,000 |
| | | | | | | | | | - | | - |
| WT01901 | Kinnickinnic Complex Replace Roof | 329,500 | 65,450 | | - | | - | | - | | - |
| WT01902 | Kinnickinnic Complex Replace Boilers/Furnace | 421,300 | 86,100 | | - | | - | | - | | - |
| WT01903 | Kinnickinnic Complex Repair Exterior Walls | | - | 100,000 | - | | | | - | | - |
| | Total Kinnickinnic Complex Renovation/Repairs | 741,800 | 151,550 | 100,000 | - | - | - | - | - | | - |
| | | | | | | | | | - | | - |
| WT02001 | Fond du Lac Roof Replacement | 463,700 | 94,800 | | | - | - | | - | | - |
| WT02002 | Fond du Lac Complex Replace Exterior Walls | | - | 238,000 | 47,600 | 142,800 | 28,560 | | - | | - |
| | Total Fond du Lac Complex Renovation/Repairs | 463,700 | 94,800 | 238,000 | 47,600 | 142,800 | 28,560 | - | - | | - |
| | | | | | | | | | - | | - |
| WT022 | MCTS Complex Renovation/Repair | | - | 1,000,000 | 200,000 | 1,000,000 | 200,000 | 1,000,000 | 200,000 | 1,000,000 | 200,000 |
| | | | | | | | | | - | | - |
| WT025 | Systemwide Bus Stop Sign Replacement | | | | | 210,000 | 42,000 | 450,000 | 90,000 | | |
| WT026 | New Flyer Buses | | | | | | | | | 9,000,000 | 1,800,000 |
| | | | | | | | | | | | - |
| WT027 | Fare Box Renovation | | - | | - | | - | | - | 2,500,000 | 500,000 |
| | | | | | | | | | - | | - |
| WT030 | Replace TRAKS Fueling System | | | 600,000 | 120,000 | | | | | | - |
| | | | | | | | | | | | - |
| WT031 | Roof Top Air Conditioning - Transit Admin. | | | 300,000 | 60,000 | | | | | | - |
| | | | | | | | | | | | - |
| WT | Total Transit | 9,705,500 | 1,703,350 | 13,168,000 | 2,370,600 | 11,322,800 | 2,805,360 | 2,450,000 | 490,000 | 13,500,000 | 2,700,000 |
| | ENVIRONMENTAL | | | | | | | | - | | - |
| WV003 | Countywide Stormwater Discharge Permit - NR216 | | - | 150,000 | | 200,000 | - | 200,000 | | 200,000 | |
| | | | | | | | | | - | | - |
| WV005 | Alternative Fuels Infrastructure | | - | 500,000 | - | 250,000 | 30,000 | 250,000 | - | | - |
| | | | | | | | | | | | - |
| WV006 | Rainbow Park Landfill | 175,000 | - | | - | 200,000 | - | 625,000 | 625,000 | 1,875,000 | 1,875,000 |
| | | | | | | | | | | | - |
| WV008 | Nonpoint Source Pollution Control - Grantosa | | - | 220,000 | - | 150,000 | - | 200,000 | - | 100,000 | - |
| WV | Total Environmental | 175,000 | - | 870,000 | - | 800,000 | 30,000 | 1,275,000 | 625,000 | 2,175,000 | 1,875,000 |
| | | | | | | | | | | | - |
| | Total Transportation and Public Works | 31,819,532 | 3,562,999 | 63,252,431 | 36,862,269 | 57,769,000 | 41,080,240 | 28,044,900 | 10,866,830 | 41,959,800 | 22,114,680 |
| | PARKS, RECREATION AND CULTURE | | | | | | | | | | - |
| | MILWAUKEE PUBLIC MUSEUM | | | | | | | | | | - |

# Five-Year Recommended Capital Improvements Program (2004-2008)

Master Spreadsheet

9/15/2003

| Project Number | Project | 2004 Preliminary Budget | BOND AMOUNT | 2005 Projected Budget | BOND AMOUNT | 2006 Projected Budget | BOND AMOUNT | 2007 Projected Budget | BOND AMOUNT | 2008 Projected Budget | BOND AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WM001 | Exterior Wall Repair/Window Replacement | | - | | - | 145,000 | 145,000 | 300,000 | 300,000 | 600,000 | 600,000 |
| | | | | | | | | | | | - |
| WM003 | Electrical Distribution System Replacement, Phase II | 300,000 | 300,000 | 672,000 | 672,000 | | - | | - | | - |
| | | | | | | | | | | | - |
| WM004 | Museum Infrastructure Improvements | | - | 120,000 | 120,000 | | | | | | - |
| | | | | | | | | | | | - |
| WM005 | Museum Air Handling and Piping | | - | | - | | - | | - | 365,000 | 365,000 |
| | | | | | | | | | | | - |
| WM006 | Museum Exhibit Floors Fire Separation | | - | | - | 500,000 | 500,000 | 500,000 | 500,000 | | - |
| | | | | | | | | | | | - |
| WM007 | Study & Modifications to HVAC Systems & Duct Work for Collections Storage & Exhibits Floors | | | | | | | | | 750,000 | 750,000 |
| WM550 | Plumbing System Replacement Implementation | 500,000 | 500,000 | 310,000 | 310,000 | - | - | | - | | - |
| | | | | | | | | | | | - |
| WM56101 | MPM Fire Automatic Sprinkler System | | - | | - | 315,000 | 315,000 | 800,000 | 800,000 | | - |
| WM563 | Security Life Safety | 100,000 | 100,000 | 150,000 | 150,000 | 150,000 | 150,000 | | | | |
| | | | | | | | | | | | - |
| WM | Total Museum | 900,000 | 900,000 | 1,252,000 | 1,252,000 | 1,110,000 | 1,110,000 | 1,600,000 | 1,600,000 | 1,715,000 | 1,715,000 |
| | | | | | | | | | | | - |
| | DEPT. OF PARKS, RECREATION & CULTURE | | | | | | | | | | - |
| WP012 | Lincoln Golf Course Irrigation | | | | - | | | 550,000 | 550,000 | | - |
| | | | | | | | | | | | - |
| WP016 | Mitchell Park Domes HVAC Improvements | 1,566,000 | 1,566,000 | | - | | - | | - | | - |
| WP017 | Countywide Trail & Hard Surface Replacement Program | 250,000 | 175,000 | 250,000 | 250,000 | 500,000 | 500,000 | 250,000 | 28,180 | 500,000 | 500,000 |
| | | | | | | | | | | | - |
| WP024 | O'Donnell Park Maintenance | 400,000 | 400,000 | | - | | - | | - | | - |
| | | | - | | | | | | | | - |
| WP032 | Jacobus Park Nature Trail Improvements | 30,000 | - | | | | | | | | |
| WP033 | Lincoln Creek Parkway Road Renovation | | | 400,000 | 400,000 | | | | - | | - |
| | | | | | - | | | | | | - |
| WP034 | Cool Waters Coping Stone/Heat Exchangers | - | | | - | | - | 300,000 | 300,000 | | - |
| | | | | | - | | | | | | - |
| WP03601 | Oak Leaf Trail Development - St. Francis Segment | 255,600 | - | | - | | - | | - | | - |
| WP03602 | Oak Leaf Trail Development - Root River Segment | | - | | - | | | | - | | |
| | Total Oak Leaf Trail Development | 255,600 | - | - | - | - | - | - | - | - | - |
| | | | | | | | | | | | - |
| WP03901 | Washington Park Service Yard | - | - | 200,000 | 200,000 | 200,000 | 200,000 | - | - | | - |
| WP03902 | Washington Park Potable Water | | | 300,000 | 300,000 | | | | | | - |
| | Total Washington Park Infrastructure Improvements | - | - | 500,000 | 500,000 | 200,000 | 200,000 | - | - | - | - |

# Five-Year Recommended Capital Improvements Program (2004-2008)

**Master Spreadsheet**

**9/15/2003**

| Project Number | Project | 2004 Preliminary Budget | BOND AMOUNT | 2005 Projected Budget | BOND AMOUNT | 2006 Projected Budget | BOND AMOUNT | 2007 Projected Budget | BOND AMOUNT | 2008 Projected Budget | BOND AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WP04001 | Mitchell Park Domes Spall Repair & Paint | | | 600,000 | 600,000 | 600,000 | 600,000 | | - | | - |
| WP04002 | Mitchell Park Domes Reglazing | | | | - | | - | 650,000 | 650,000 | 650,000 | 650,000 |
| | **Total Mitchell Park Domes Spall Repair & Reglazing** | - | - | 600,000 | 600,000 | 600,000 | 600,000 | 650,000 | 650,000 | 650,000 | 650,000 |
| WP042 | McCarty Park Pool Improvements | | - | 120,000 | 120,000 | 500,000 | 500,000 | 500,000 | 500,000 | | - |
| | | | - | | | | | | | | |
| WP043 | Wilson Recreation Asbestos Remediation | | - | | - | 300,000 | 300,000 | | - | | - |
| | | | - | | | | | | | | |
| WP044 | Currie Park Irrigation | | - | 500,000 | 500,000 | 500,000 | 500,000 | | - | | - |
| | | | - | | | | | | | | |
| WP045 | Currie Golf Service Yard | | - | | | 225,000 | 225,000 | | | | - |
| | | | - | | | | | | | | |
| WP046 | Wanimont Service Yard | | - | | | | | 500,000 | 500,000 | | - |
| | | | - | | | | | | | | |
| WP047 | Veterans Park Sheet Piling Planning | | - | | | 180,000 | 180,000 | | - | 950,000 | 950,000 |
| | | | - | | | | | | | | |
| WP050 | Parks Infrastructure Improvements | 1,450,000 | 950,000 | 1,750,000 | 1,250,000 | 1,750,000 | 1,250,000 | 1,750,000 | 1,250,000 | 1,750,000 | 1,250,000 |
| WP406 | Countywide Play Area Redevelopment | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| | | | | | | | | | | | - |
| WP447 | South Shore Breakwater/Shoreline Protection/Bike Trail | 820,000 | 820,000 | 1,980,000 | 1,980,000 | 2,500,000 | 2,500,000 | 2,000,000 | 2,000,000 | | - |
| WP512 | McKinley Marina Parking Lots | | | | - | | - | 600,000 | 600,000 | 700,000 | 700,000 |
| WP51304 | McKinley Marina Seawall Improvements | 550,000 | 550,000 | 493,020 | 493,020 | - | - | - | - | | - |
| WP | **Total Department of Parks, Recreation & Culture** | 5,571,600 | 4,711,000 | 6,843,020 | 6,343,020 | 7,505,000 | 7,005,000 | 7,350,000 | 6,628,180 | 4,800,000 | 4,300,000 |
| | **ZOO** | | | | | | | | - | | - |
| WZ011 | Feline Building Renovation | 4,391,000 | 4,391,000 | 1,000,000 | 1,000,000 | | - | | - | | - |
| | | | | | | | | | | | - |
| WZ012 | Peck Center Theater | | - | 420,000 | 200,000 | | - | | - | | - |
| | | | | | | | | | | | - |
| WZ013 | Zoo Stormwater Management | | | 250,000 | | 250,000 | | 250,000 | | 250,000 | |
| WZ01413 | Zoo Infrastructure Improvements | | - | 165,000 | 165,000 | 1,500,000 | 950,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 |
| WZ01401 | Zoo-wide Asphalting | 100,000 | 100,000 | | - | | - | | - | | - |
| WZ01402 | Perimeter Walkway Lighting | 180,000 | 180,000 | | | | | | | | - |
| WZ01403 | Zoofari Renovation | 15,000 | 15,000 | | | | | | | | |
| WZ01404 | North American Erosion Control | 215,290 | 141,417 | | | | | | | | - |
| WZ01405 | Aviary Renovations | 96,000 | 96,000 | | | | | | | | |
| WZ01406 | Replace Air Handling - Administration | 234,000 | 234,000 | | | | | | | | |
| WZ01407 | Phone & Fiber Upgrade | 50,400 | 50,400 | | | | | | | | |

# Five-Year Recommended Capital Improvements Program (2004-2008)

Master Spreadsheet

9/15/2003

| Project Number | Project | 2004 Preliminary Budget | BOND AMOUNT | 2005 Projected Budget | BOND AMOUNT | 2006 Projected Budget | BOND AMOUNT | 2007 Projected Budget | BOND AMOUNT | 2008 Projected Budget | BOND AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WZ01408 | Replace Train Station & Loading | 300,000 | 300,000 | | | | | | | | |
| WZ01409 | Picnic Pavilion Renovations - Maple | 120,000 | 120,000 | | | | | | | | |
| WZ01410 | Picnic Pavilion Renovations - Oak | 120,000 | 120,000 | | | | | | | | |
| WZ01411 | Dairy Barn Roof | 72,000 | 72,000 | | | | | | | | |
| WZ01412 | Lake Evinrude Streambank Stabilization | 240,000 | - | | | | | | | | |
| | **Total Zoo Infrastructure Improvements** | 1,742,690 | 1,428,817 | 165,000 | 165,000 | 1,500,000 | 950,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 |
| | | | | | | | | | - | | - |
| WZ596 | Zoo Bliffert Property Remediation | | - | 25,000 | - | 25,000 | - | 25,000 | - | 25,000 | - |
| | | | | | | | | | | | - |
| WZ | **Total Zoo** | 6,133,690 | 5,819,817 | 1,850,000 | 1,365,000 | 1,775,000 | 950,000 | 1,775,000 | 1,500,000 | 1,775,000 | 1,500,000 |
| | | | | | | | | | | | - |
| | **Total Parks, Recreation and Culture** | 12,605,290 | 11,430,817 | 9,955,620 | 8,968,020 | 10,390,000 | 9,065,000 | 10,725,000 | 9,728,180 | 8,290,000 | 7,515,000 |
| | **HEALTH & HUMAN SERVICES** | | | | | | | | | | |
| | **DHHS-BEHAVIORAL HEALTH DIVISION** | | | | | | | | | | |
| WE004 | Replace Vanity Counter Tops | | - | 60,000 | 60,000 | 100,000 | 100,000 | 120,000 | 120,000 | | - |
| | | | | | | | | | - | | - |
| WE023 | Refurbish Psychiatric Hospital Walls | | - | 69,600 | - | 348,000 | - | 278,400 | - | 278,400 | - |
| | | | | | | | | | - | | - |
| WE024 | Psychiatric Hospital Fire Alarm System - Design | 136,800 | 136,800 | 600,000 | 600,000 | 631,200 | 631,200 | | | | - |
| WE027 | Air Handling System Upgrade | | - | | | | - | 252,000 | 252,000 | 252,000 | 252,000 |
| WE028 | Replace Nurse Call System | | | 96,000 | 96,000 | 96,000 | 96,000 | 96,000 | 96,000 | 288,000 | 288,000 |
| WE029 | Behavioral Health Security Improvements | | - | | | 446,400 | 446,400 | | | | |
| WE | **Total DHHS - Behavioral Health** | 136,800 | 136,800 | 825,600 | 756,000 | 1,621,600 | 1,273,600 | 746,400 | 468,000 | 818,400 | 540,000 |
| | **COUNTY GROUNDS** | | | | | | | | | | |
| WG001 | Grounds Equipment Storage Building | | - | | - | | - | | - | 1,200,000 | 1,200,000 |
| WG00301 | County Grounds West Water Tower | | - | | - | | - | 750,000 | 750,000 | 100,000 | 100,000 |
| WG00302 | County Grounds East Water Tower | | | | | | | | | 600,000 | |
| | **Total County Grounds Water Tower** | - | - | - | - | - | - | 750,000 | 750,000 | 700,000 | 100,000 |
| WG008 | Milwaukee County Grounds Roadway Rehabilitation | 1,156,000 | 1,156,000 | - | - | | - | | - | | - |
| WG009 | CATC "A" and "C" Building Radiant Heat | | - | | - | | - | 180,000 | 180,000 | 180,000 | 180,000 |
| WG010 | CATC "E" Building Roof | | - | 175,000 | 175,000 | | - | | - | | - |

# Five-Year Recommended Capital Improvements Program (2004-2008)

Master Spreadsheet

9/15/2003

| Project Number | Project | 2004 Preliminary Budget | BOND AMOUNT | 2005 Projected Budget | BOND AMOUNT | 2006 Projected Budget | BOND AMOUNT | 2007 Projected Budget | BOND AMOUNT | 2008 Projected Budget | BOND AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WG011 | Grounds Card Access | | - | | - | 80,000 | 80,000 | | - | | |
| | | | | | | | | | | | - |
| WG | Total Grounds | 1,156,000 | 1,156,000 | 175,000 | 175,000 | 80,000 | 80,000 | 930,000 | 930,000 | 2,080,000 | 1,480,000 |
| | DEPARTMENT OF HEALTH AND HUMAN SERVICES | | | | | | | | - | | - |
| WS00501 | 12th and Vliet Street Building Renovation | 3,055,800 | 2,281,221 | | - | | - | | - | | - |
| WS00502 | 12th and Vliet Infrastructure Improvements | 1,631,000 | 1,631,000 | 800,720 | 517,388 | 500,000 | 500,000 | | - | | - |
| WS00503 | North Entrance Elevator | | - | | | 314,000 | 314,000 | | - | | - |
| | 12th and Vliet Improvements | 4,686,800 | 3,912,221 | 800,720 | 517,388 | 814,000 | 814,000 | - | - | - | - |
| | | | | | | | | | | | - |
| WS01305 | Rose Senior Center HVAC Replacement | 270,000 | 270,000 | 518,400 | 518,400 | | - | | - | | - |
| WS01316 | Rose Senior Center Lighting Replacement | 81,600 | 81,600 | | - | | - | | - | | - |
| WS01317 | Washington Park Senior Center HVAC Replacement | | - | | - | 205,200 | 205,200 | | - | | - |
| WS01318 | McGovern Park Senior Center HVAC Replacement | | - | | - | 211,680 | 211,680 | | - | 93,478 | 93,478 |
| WS01319 | Senior Center Improvements - General | | | | - | 270,722 | 270,722 | 360,000 | - | 112,902 | 112,902 |
| | Total Senior Center Infrastructure Improvements | 351,600 | 351,600 | 518,400 | 518,400 | 687,602 | 687,602 | 360,000 | - | 206,380 | 206,380 |
| WS | Total DHS | 5,038,400 | 4,263,821 | 1,319,120 | 1,035,788 | 1,501,602 | 1,501,602 | 360,000 | - | 206,380 | 206,380 |
| | | | | | | | | | | | - |
| | Total Health & Human Services | 6,331,200 | 5,556,621 | 2,319,720 | 1,966,788 | 3,203,202 | 2,855,202 | 2,036,400 | 1,398,000 | 3,104,780 | 2,226,380 |
| | GENERAL GOVERNMENT | | | | | | | | | | - |
| | COURTHOUSE COMPLEX | | | | | | | | | | - |
| WC013 | Criminal Justice Center Deputy Workstations | | - | 80,000 | 80,000 | 392,000 | 392,000 | 300,000 | 300,000 | | - |
| | | | | | | | | | - | | |
| WC014 | Courthouse HVAC System | | - | 130,000 | 130,000 | 130,000 | 130,000 | 390,000 | 390,000 | 590,000 | 590,000 |
| | | | | | | | | | - | | - |
| WC016 | Courthouse Complex Roof Replacement | 1,417,550 | 1,403,950 | 900,000 | 900,000 | | - | | - | | - |
| | | | | | | | | | - | | - |
| WC021 | CJF Video Visitation | 600,000 | 600,000 | | - | | - | | - | | - |
| | | | | | | | | | - | | - |
| WC023 | CH Complex Automation & Access Control Update | | - | 240,000 | 240,000 | 200,000 | 200,000 | | - | | - |
| WC025 | Courthouse Restroom Renovation | | - | | - | 150,000 | 150,000 | 150,000 | 150,000 | | - |
| WC026 | Safety Building Restrooms | | - | | - | 100,000 | 100,000 | 200,000 | 200,000 | 200,000 | 200,000 |
| | | | | | | | | | | | - |
| WC027 | Courthouse-Light Court Window Replacement | | - | 200,000 | 200,000 | 325,000 | 325,000 | 525,000 | 525,000 | 800,000 | 800,000 |
| | | | - | | | | | | | | - |
| WC028 | Community Correction Center Infrastructure | 145,600 | 144,200 | 260,000 | 260,000 | 250,000 | 250,000 | 210,000 | 210,000 | | - |
| | | | | | | | | | | | - |
| WC030 | 14 Bullpen Cameras & 15 Courtroom Monitors | | - | | | 70,000 | 70,000 | | - | | - |

# Five-Year Recommended Capital Improvements Program (2004-2008)

Master Spreadsheet

9/15/2003

| Project Number | Project | 2004 Preliminary Budget | BOND AMOUNT | 2005 Projected Budget | BOND AMOUNT | 2006 Projected Budget | BOND AMOUNT | 2007 Projected Budget | BOND AMOUNT | 2008 Projected Budget | BOND AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WC031 | Radio Consule Upgrade in Communications | | - | | - | 81,485 | 81,485 | | - | | - |
| WC037 | Sheriff Investigation Room Flooring | | - | 65,000 | 65,000 | | - | | - | | - |
| WC038 | Courthouse Roof Drain Replacement | | | | | 100,000 | 100,000 | 250,000 | 250,000 | 310,000 | 310,000 |
| WC | Total Courthouse | 2,163,150 | 2,148,150 | 1,875,000 | 1,875,000 | 1,798,485 | 1,798,485 | 2,025,000 | 2,025,000 | 1,900,000 | 1,900,000 |
| | **HOUSE OF CORRECTION** | | | | | | | | | | |
| WJ005 | Repair & Painting of Water Tower | | - | 336,000 | 336,000 | | - | | - | | - |
| WJ014 | HOC Infrastructure Improvements | 217,160 | 185,600 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| WJ021 | ACC HVAC Replacement | - | - | 500,000 | 500,000 | | - | 500,000 | 500,000 | | - |
| WJ022 | Upgrade Fire Alarms | 200,000 | 200,000 | 364,000 | 364,000 | | | | | | |
| WJ845 | Tuckpoint ACC Building, Boiler & Pump House | | - | | - | 100,000 | - | | - | | - |
| WJ | Total House of Correction | 417,160 | 385,600 | 1,450,000 | 1,450,000 | 350,000 | 250,000 | 750,000 | 750,000 | 250,000 | 250,000 |
| | **OTHER COUNTY AGENCIES** | | | | | | | | | | |
| WO009 | IMSD Data Warehouse & Reporting | | - | | - | | - | | - | 200,000 | 200,000 |
| WO010 | County Web, Internet & E-Commerce Development | 200,000 | - | 100,000 | - | | - | | - | | - |
| WO012 | Sheriff Voice Over Outdoor Warning Devices | | - | 100,000 | 100,000 | 239,033 | 239,033 | | - | 431,954 | 431,954 |
| WO021 | Milwaukee County Public Art Program | 163,334 | 122,500 | 170,000 | 127,500 | 170,000 | 127,500 | 170,000 | 127,500 | 170,000 | 127,500 |
| WO025 | Countywide Geographic Information System (GIS) | | - | 97,000 | - | 30,000 | - | | - | | - |
| WO029 | Milwaukee County Historical Society Restoration | 1,326,000 | 663,000 | | - | 1,000,125 | 500,063 | 4,099,875 | 2,049,937 | | - |
| WO03003 | Kletzsch Park Parking Lot | 306,250 | 306,250 | | | | - | | | | - |
| WO03004 | Honey Creek Parkway Drive - 76th St. to Beloit | | - | 200,000 | 200,000 | 200,000 | 200,000 | | - | | - |
| WO03005 | Root River Parkway Road - College & 92nd St. | | - | | - | 100,000 | 100,000 | 123,750 | 123,750 | | - |
| WO03013 | Parks Parkway & Parking Lot Repaving | | - | 200,000 | 200,000 | | - | 594,400 | 594,400 | 810,000 | 810,000 |
| WO03016 | Fleet Management Roadway Improvements | 231,000 | 231,000 | 130,000 | 130,000 | | - | | - | | - |
| | Total Countywide Access Road Improvement Program | 537,250 | 537,250 | 530,000 | 530,000 | 300,000 | 300,000 | 718,150 | 718,150 | 810,000 | 810,000 |
| WO032 | Marcus Center Fire Alarm System Replacement | 223,020 | 223,020 | 223,020 | 223,020 | | | | | | - |

# Five-Year Recommended Capital Improvements Program (2004-2008)

**Master Spreadsheet**

**9/15/2003**

| Project Number | Project | 2004 Preliminary Budget | BOND AMOUNT | 2005 Projected Budget | BOND AMOUNT | 2006 Projected Budget | BOND AMOUNT | 2007 Projected Budget | BOND AMOUNT | 2008 Projected Budget | BOND AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WO03301 | Marcus Center Cooling/Air Balancing Study | | - | 30,000 | - | | | | | | - |
| WO03302 | Marcus Center Air Balancing Of Building | | - | 50,000 | 50,000 | | | | | | |
| | **Total Air Balancing Project** | - | - | 80,000 | 50,000 | - | - | - | - | - | - |
| WO035 | Marcus Center Variable Flow Cooling Pumps | | - | 40,000 | - | | | | | | |
| WO03601 | Marcus Center Electrical Substation Upgrade Study | | - | 40,000 | - | | | | | | |
| WO03602 | Marcus Center Electrical Substation Upgrades | | - | | | | | | | | |
| | **Total Substation Upgrade Project** | - | - | 40,000 | - | - | - | - | - | - | - |
| WO101 | Fleet Fire/Heat Detection System | 340,000 | 340,000 | | - | | - | | - | | - |
| WO102 | Fleet Management Fence Replacement | - | - | | - | | - | | - | 75,000 | 75,000 |
| WO106 | Fleet Generator/Transfer Switch Replacement | | - | 205,000 | 205,000 | | - | | - | | - |
| WO107 | Fleet Window Replacements | | - | | - | 218,000 | 218,000 | | - | | - |
| WO110 | Fleet Car Wash | | - | | - | 171,350 | 171,350 | | - | | - |
| WO111 | Fleet Truck Wash | | | | - | | - | 84,000 | 84,000 | 300,000 | 300,000 |
| WO11201 | Fleet Equipment Acquisition | 1,023,800 | 1,023,800 | 2,000,000 | 2,000,000 | 1,912,000 | 1,912,000 | 2,000,000 | 2,000,000 | 2,000,000 | 2,000,000 |
| WO11202 | Airport Vehicles | 1,885,000 | - | | - | | - | | - | | - |
| WO11204 | Vehicles - HOC | | - | | - | 88,000 | 88,000 | | - | | - |
| | **Total Fleet Equipment Acquisition** | 2,908,800 | 1,023,800 | 2,000,000 | 2,000,000 | 2,000,000 | 2,000,000 | 2,000,000 | 2,000,000 | 2,000,000 | 2,000,000 |
| WO201 | IMSD Enterprise Server | 500,000 | - | 4,000,000 | 4,000,000 | 4,000,000 | 3,969,030 | 1,210,000 | 1,210,000 | 1,700,000 | 1,700,000 |
| WO202 | IMSD Voice & Data Communications | 232,500 | - | - | - | | - | 300,000 | 300,000 | 300,000 | 300,000 |
| WO207 | IMSD Centralized Records - Software Replacement | | - | 209,171 | - | | - | | - | | - |
| WO301 | Countywide DP Equipment | 749,932 | 746,335 | - | - | - | - | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| WO30202 | 800 MHz Radio Console Upgrade | 48,752 | 48,752 | | | | | | | | |
| WO411 | Sheriff Squads Mobile Data Computer Upgrade | 192,000 | 192,000 | 128,000 | 128,000 | 192,000 | 192,000 | | | | |
| WO412 | Sheriff Automated Vehicle Locator System | | - | | | | - | | - | 170,000 | 170,000 |
| WO855 | Marcus Center Elevator Rehabilitation | | | 300,000 | 300,000 | 200,000 | 200,000 | | | | - |

# Five-Year Recommended Capital Improvements Program (2004-2008)

Master Spreadsheet

9/15/2003

| Project Number | Project | 2004 Preliminary Budget | BOND AMOUNT | 2005 Projected Budget | BOND AMOUNT | 2006 Projected Budget | BOND AMOUNT | 2007 Projected Budget | BOND AMOUNT | 2008 Projected Budget | BOND AMOUNT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | - |
| WO85906 | Fleet Exterior Painting | | - | | - | 75,600 | - | | - | | - |
| | | | - | | | | | | | | |
| WO86001 | Handicap Accessibility - General | 49,000 | - | 100,000 | 41,000 | 100,000 | 100,000 | | - | | - |
| WO86010 | Kosciuszko Community Center ADA Improvements | 81,000 | 81,000 | | - | | - | 90,000 | 90,000 | | - |
| WO86008 | Behavioral Health Remodel Toilet Rooms | | - | | - | | - | 252,000 | 252,000 | 252,000 | 252,000 |
| WO86009 | Behavioral Health Update Elevator Controls & Indicators | | - | | - | | - | 250,000 | 250,000 | 250,000 | 250,000 |
| | Total Countywide Handicapped Accessibility Program | 130,000 | 81,000 | 100,000 | 41,000 | 100,000 | 100,000 | 592,000 | 592,000 | 502,000 | 502,000 |
| WO870 | County Special Assessments | 100,000 | - | 100,000 | - | 100,000 | - | 100,000 | - | 100,000 | - |
| | | | | | | | - | | | | |
| WO872 | War Memorial Improvements | | - | 404,040 | - | 684,300 | 684,300 | 559,900 | 315,800 | 371,400 | 371,400 |
| WO | Total Other Agencies | 7,651,588 | 3,977,657 | 8,826,231 | 7,704,520 | 9,480,408 | 8,701,276 | 10,833,925 | 8,397,387 | 8,130,354 | 7,987,854 |
| | | | | | | | | | - | | - |
| | **Total General Government** | 10,231,898 | 6,511,407 | 12,151,231 | 11,029,520 | 11,628,893 | 10,749,761 | 13,608,925 | 11,172,387 | 10,280,354 | 10,137,854 |
| | | | | | | | | | | | - |
| | **Grand Total Capital Improvements** | 60,987,920 | 27,061,844 | 67,678,402 | 58,818,597 | 82,991,095 | 63,750,203 | 54,415,225 | 33,165,397 | 63,634,934 | 41,993,914 |
| | | | | | | | - | | | | - |
| | **Total Excluding Airports** | 47,461,920 | 26,576,844 | 54,161,282 | 27,603,397 | 46,407,295 | 27,816,403 | 50,673,225 | 29,423,397 | 50,215,934 | 28,574,914 |

a. With the exception of Airport capital projects, inflationary increases have not been included in individual capital project budgets for 2005-2008. Future budgets will be updated for inflation (as well as other factors) the year prior to the upcoming budget year.

b. The amount shown in the "Bond Amount" column for Airport projects reflects PFC-backed bonds.

c. The planning & design phase has been completed for these projects.

d. The County will bond for the entire cost of WG008 - Grounds Roadway Rehabilitation and will receive 82.2% in reimbursement revenue from the private geographic members (PGMs).