

M I L W A U K E E C O U N T Y



Chris Abele, *County Executive*

2018 ADOPTED CAPITAL BUDGET





Milwaukee County Executive
Chris Abele

Director of Administrative Services
Teig Whaley-Smith

**Department of Administrative Services, Fiscal Affairs Division,
Office of Performance, Strategy & Budget**

Director
Steven Kreklow

**Senior Budget &
Management Analyst**
Jeremy Lucas

Capital Budget Coordinator
Vince Masterson

Budget & Management Analyst
Lindsey Shreves

**Senior Budget &
Management Analyst**
Jonathan Schatz

Budget & Management Analyst
Lisa Wozny

**Senior Budget &
Management Analyst**
Daniel Laurila

Budget & Management Analyst
Joshua Scott

Special Thanks to:

**Elected Officials • Department Heads • Departmental Fiscal Staff
Staff of the Office of the Comptroller**



Milwaukee County Board of Supervisors

Chairman

Theodore Lipscomb, Sr. (1st District)

First Vice-Chair

Peggy West (12th District)

Second Vice-Chair

Steve F. Taylor (9th District)

2nd District

Sequanna Taylor

7th District

Michael Mayo, Sr.

14th District

Jason Haas

3rd District

Sheldon A. Wasserman

8th District

David L. Sartori

15th District

Eddie Cullen

4th District

Marina Dimitrijevic

10th District

Supreme Moore Omokunde

16th District

John F. Weishan, Jr.

5th District

Marcelia Nicholson

11th District

Dan Sebring

17th District

Anthony Staskunas

6th District

James "Luigi" Schmitt

13th District

Willie Johnson, Jr.

18th District

Deanna Alexander



Section 2 – Capital Project Narratives

2018 Adopted Capital Improvements Budget Summary	1
Introduction	5
Debt Affordability Indicators	9
Section 1 Highways (WH)	15
WH01006-Reconstruct CTH "Y" Layton Avenue 27th to 43rd	17
WH01008-Reconstruct CTH "N" South 92nd Street	18
WH01016-Reconst. 13th: Drexel to Rawson	19
WH02019-N Teutonia Ave. (W. Good Hope to W. Bradley)	20
WH10901-Signal Install at W. Good Hope Rd. & Pierron	21
Section 2 Mass Transit (WT)	23
WT10401-Bus Replacement Program-2018	25
WT07701-FDL Garage Roof Replacement	26
Section 3 Airport (WA)	27
WA22101-GMIA International Terminal Redevelopment	29
WA24001-LJT Security-Wildlife Prmtr Fencing	30
WA24301-GMIA Replacement Jet Bridges-2018	31
WA24501-GMIA Airfield Safety Imprvmnt-2018	32
WA24601-GMIA Airfield Pavement Rplcmnt-2018	33
WA24701-GMIA Deicer Pads (19R)-2018	34
WA24801-LJT Pavement Replacement-2018	35
WA25101-GMIA Airfield Dranage Improvements-2018 (Study)	36
WA25201-GMIA MKE Business Park Electrical Infrastructure	37
WA25301-GMIA Operations Control Center	38
WA25401-GMIA Parking Lot Pavement Replacement-2018	39
WA26001-GMIA Parking Structure Repairs-2018	40
Section 4 Parks (WP)	41
WP51201McKinley Marina Parking Lots	43
WP54401-McCarty Electrical Service Replacement	44
WP55201-Franklin Park Ryan Creek Bridge Replacement	45
WP55301-Mitchell Park Conservatory Planning	46
Section 5 Milwaukee Public Museum (WM)	47
WM03901-MPM Fire Panel Replacement	49
Section 6 Courthouse Complex (WC)	51
WC15001-Coggs Fire Alarm System Replacement	53
WC15401-CJF Public Elevators 1 and 2 Upgrade	54
WC16401-Safety Bldg Elevator Modernization (Cars 3,4,6)	55
WC16601-Slab Replacement MPM/Pioneer Village Area	56



Section 2 – Capital Project Narratives (cont.)

Section 7 House of Correction (WJ)	57
WJ08301-HOC Security System Replacement	59
Section 8 Other Agencies (WO)	61
<i>Department of Administrative Service - Information Management Service Division</i>	
WO17601-Mainframe Retirement	63
WO18001-Information Technology Security	64
WO60201-Enterprise Platform Modernization	65
<i>Department of Transportation - Fleet Management</i>	
WO17501-Fleet Central Garage Roof Replacement	66
WO19801-Fuel Transaction Software	67
WO31101-Fleet General Equipment-2018	68
WO31201-Sheriff Fleet Equipment-2018	73
WO31301-House of Correction Fleet Equipment-2018	77
WO31401-Fleet Parks Equipment-2018	79
<i>Office of Emergency Management</i>	
WO30301-Public Safety Data Interoperability	83
<i>Marcus Center for the Performing Arts</i>	
WO89001MCPA Uihlein Hall Stage Lifts	84
5-Year Capital Improvement Plan	85-124
Airport	85
County-Wide Non-Airport	99
<i>Department of Transportation - Highway</i>	101
<i>Department of Transportation - Mass Transit</i>	102
<i>Department of Transportation - Fleet Management</i>	103
<i>Department of Parks, Recreation, & Culture</i>	104
<i>Zoological Department</i>	107
<i>War Memorial Center</i>	108
<i>Milwaukee Public Museum</i>	109
<i>Milwaukee County Historical Society</i>	110
<i>Marcus Center for the Performing Arts</i>	111
<i>Charles Allis / Villa Terrace Museum(s)</i>	112
<i>Department of Administrative Services - Facilities Management - Environmental Services</i>	113
<i>Department of Administrative Services - Facilities Management - Facilities Maintenance</i>	114
<i>Department of Administrative Services - Information Management Services Division</i>	115
<i>Department of Administrative Services - Office for Persons with Disabilities</i>	116
<i>Office of the Sheriff</i>	117
<i>House of Corrections</i>	118
<i>Office of Emergency Management</i>	119
<i>Medical Examiner</i>	120
<i>Department of Health and Human Services - Behavioral Health Division</i>	121
<i>Department of Health and Human Services</i>	122
<i>Department on Aging</i>	123

Milwaukee County
Summary of 2018 Capital Improvements Budget

Project Category	Project	Description	2018 Recommended			Federal	State	Local	Reimbursement	Net County Contribution	Sales Tax Revenue	Investment Earnings	Misc. Rev/ Sale of Asset/ VRF Rev	Private Contribution	Property Tax Levy	PFC Revenue/Airport Reserve	Bonds
TRANSPORTATION AND PUBLIC WORKS																	
Highway																	
O	WHO1006	Reconstruct CTH "Y" Layton Avenue 27th to 43rd	420,000	0	0	320,000	0	0	320,000	100,000	0	0	0	0	0	0	100,000
O, C	WHO1008	Reconstruct CTH "N" South 92nd Street	275,000	0	0	0	0	0	0	275,000	0	0	0	0	0	0	275,000
O, C	WHO1016	Reconst. 13th Drexel to Rawson	5,000,000	0	0	3,960,000	0	0	3,960,000	1,040,000	0	0	0	0	0	0	1,040,000
O, C	WHO2019	N Teutonia Ave. (W. Good Hope to W. Bradley)	4,408,000	0	1,349,000	0	1,349,000	109,000	1,458,000	2,950,000	0	0	0	0	0	0	2,950,000
	WH10901	Signal Install at W. Good Hope Rd. & Pierson	315,000	0	0	0	0	0	0	315,000	0	0	315,000	0	0	0	0
		Total Highway	10,418,000	1,349,000	109,000	4,280,000	1,349,000	109,000	5,738,000	4,680,000	0	0	315,000	0	0	0	4,365,000
Mass Transit																	
O	WTO7701	FDL Garage Roof Replacement	502,468	0	0	0	0	0	0	502,468	0	0	0	0	0	0	502,468
P	WT10401	Bus Replacement Program-2018	13,500,000	0	0	2,649,085	0	0	2,649,085	10,850,915	0	0	0	0	0	0	10,850,915
		Total Mass Transit	14,002,468	0	0	2,649,085	0	0	2,649,085	11,353,383	0	0	0	0	0	0	11,353,383
Airport																	
O	WA22101	GMA International Terminal Redevelopment	25,198,191	0	0	0	0	0	0	25,198,191	0	0	0	0	0	10,198,191	15,000,000
M	WA24001	LJT Security-Wildlife Pmtr Fencing-2018	257,682	12,884	0	231,914	0	0	244,798	12,884	0	0	0	0	0	12,884	0
P	WA24301	GMA Replacement Jet Bridges-2018	1,545,318	0	0	0	0	0	0	1,545,318	0	0	0	0	0	1,545,318	0
M	WA24501	GMA Airfield Safety Improvmt-2018	483,224	60,403	0	362,419	0	0	422,822	60,402	0	0	0	0	0	60,402	0
M	WA24601	GMA Airfield Pavement Rplcmnt-2018	2,341,701	292,713	0	1,756,276	292,713	0	2,048,989	292,712	0	0	0	0	0	292,712	0
P	WA24701	GMA Deicer Pads (19R)-2018	4,476,893	559,612	0	3,357,670	559,612	0	3,917,282	559,611	0	0	0	0	0	559,611	0
M	WA24801	LJT Pavement Replacement-2018	230,601	11,530	0	207,541	11,530	0	219,071	11,530	0	0	0	0	0	11,530	0
	WA25101	GMA Airfield Drainage Improvements-2018 (Study)	109,603	13,700	0	82,203	13,700	0	95,903	13,700	0	0	0	0	0	13,700	0
	WA25201	GMA MKE Business Park Electrical Infrastructure	2,815,004	0	0	0	0	0	0	2,815,004	0	0	0	0	0	2,815,004	0
	WA25301	GMA Operations Control Center	209,669	26,209	0	157,251	26,209	0	183,460	26,209	0	0	0	0	0	26,209	0
P	WA25401	GMA Parking Lot Pavement Replacement-2018	261,420	0	0	0	0	0	0	261,420	0	0	0	0	0	261,420	0
P	WA26001	GMA Parking Structure Repairs-2018	900,272	0	0	0	0	0	0	900,272	0	0	0	0	0	900,272	0
		Total Airport	38,829,578	977,051	0	6,155,274	977,051	0	7,132,325	31,697,253	0	0	0	0	0	16,697,253	15,000,000
		Total TRANSPORTATION AND PUBLIC WORKS	63,250,046	2,326,051	109,000	13,084,359	2,326,051	109,000	15,519,410	47,730,636	0	0	315,000	0	0	16,697,253	30,718,383
PARKS, RECREATION AND CULTURE																	
"Parks, Recreation, & Culture"																	
O	WP55201	Franklin Park Ryan Creek Bridge Replacement	136,503	0	136,503	0	136,503	0	136,503	0	0	0	0	0	0	0	0
	WP54401	McCarthy Electrical Service Replacement	118,574	0	0	0	0	0	0	118,574	0	0	0	0	0	0	118,574
O	WP55301	Mitchell Park Conservatory Planning	320,000	0	0	0	0	0	0	320,000	320,000	0	0	0	0	0	0
		Total "Parks, Recreation, & Culture"	575,077	0	136,503	0	136,503	0	136,503	438,574	320,000	0	0	0	0	0	118,574
McKinley Marina																	
O	WP51201	McKinley Marina Parking Lots	2,141,305	0	0	0	0	0	0	2,141,305	0	0	0	0	0	0	2,141,305
		Total McKinley Marina	2,141,305	0	0	0	0	0	0	2,141,305	0	0	0	0	0	0	2,141,305
Museum																	
	WMO3901	MPM Fire Panel Replacement	2,716,341	0	0	0	0	0	0	2,716,341	0	0	0	0	0	0	2,716,341
		Total Museum	2,716,341	0	0	0	0	0	0	2,716,341	0	0	0	0	0	0	2,716,341
		Total PARKS, RECREATION AND CULTURE	5,432,723	0	136,503	0	136,503	0	136,503	5,296,220	320,000	0	0	0	0	0	4,976,220
		Total HEALTH AND HUMAN SERVICES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GENERAL GOVERNMENT																	
Courthouse Complex																	
	WC15001	Coggs Fire Alarm System Replacement	181,312	0	0	0	0	0	0	181,312	181,312	0	0	0	0	0	0
O	WC15401	CJF Public Elevators 1 and 2 Upgrade	794,420	0	0	0	0	0	0	794,420	0	0	0	0	0	0	794,420

Milwaukee County

Project Category	Project	Description	2018 Recommended		Federal	State	Local	Reimbursement Revenue	Net County Contribution	Sales Tax Revenue	Investment Earnings	Misc. Rev/ VRF Rev	Private Contribution	Property Tax Levy	PFC Revenue/Airport Reserve
O, C	WC16401	Safety Bldg Elevator Modernization (Cars 3,4,6)	1,181,031	0	0	0	0	0	1,181,031	0	0	0	0	0	0
	WC16601	Slab Replacement WPM/Pioneer Village Area	1,301,347	0	0	0	0	0	1,301,347	0	0	0	0	0	0
	Total Courthouse Complex		3,458,110	0	0	0	0	0	3,458,110	181,312	0	0	0	0	3,276,798
House of Correction															
	WJ08301	HOC Security System Replacement	235,985	0	0	0	0	0	235,985	235,985	0	0	0	0	0
Total House of Correction			235,985	0	0	0	0	0	235,985	235,985	0	0	0	0	0
Other Agencies															
O	WO17501	Fleet Central Garage Roof Replacement	2,838,064	0	0	0	0	0	2,838,064	0	0	0	0	0	0
O	WO17601	Mainframe Retirement	163,504	0	0	0	0	0	163,504	163,504	0	0	0	0	0
O	WO18001	Information Technology Security	388,200	0	0	0	0	0	388,200	388,200	0	0	0	0	0
	WO19801	Fuel Transaction Software	261,861	0	0	0	0	0	261,861	261,861	0	0	0	0	0
O	WO30301	Public Safety Data Interoperability	762,650	0	0	0	0	0	762,650	512,650	0	0	0	250,000	0
P	WO31101	Fleet General Equipment-2018	3,233,486	0	0	0	0	0	3,233,486	0	0	0	0	0	3,233,486
P	WO31201	Sheriff Fleet Equipment-2018	1,000,000	0	0	0	0	0	1,000,000	0	0	0	0	0	1,000,000
P	WO31301	House of Correction Fleet Equipment-2018	141,000	0	0	0	0	0	141,000	0	0	0	0	0	141,000
P	WO31401	Fleet Parks Equipment-2018	3,575,832	0	0	0	0	0	3,575,832	0	0	0	0	0	3,575,832
O	WO60201	Enterprise Platform Modernization	5,781,106	0	0	0	0	0	5,781,106	2,781,106	0	0	0	0	3,000,000
C	WO89001	MCPA Ufflein Hall Stage Lifts	1,882,526	0	0	0	0	0	1,882,526	0	0	0	0	0	1,882,526
Total Other Agencies			20,028,229	0	0	0	0	0	20,028,229	4,107,321	0	0	0	250,000	15,670,908
Total GENERAL GOVERNMENT			23,722,324	0	0	0	0	0	23,722,324	4,524,618	0	0	0	250,000	18,947,706
Grand Total 2018 Recommended Capital Improvements			92,405,093	13,084,359	2,462,554	109,000	15,655,913	76,749,180	4,844,618	0	315,000	0	250,000	16,697,253	54,642,309
Total Excluding Airports			53,575,515	6,929,085	1,485,503	109,000	8,523,588	45,051,927	4,844,618	0	315,000	0	250,000	0	39,642,309

002

1 C = Contractually Obligated project. These are projects that the County is contractually obligated to provide.

4 M = Mandated project. These are projects that help the County satisfy State, Federal, Local, and/or Court-Ordered legal requirements or mandates.

11 O = Ongoing/Continuing project. These are projects that have previously approved design and/or construction/implementation phases and the 2018 Budget appropriation. These are projects that help are County satisfy State, Federal, and/or Court Ordered regional requirements or mandates.

4.9 = Ongoing/continuing project. These are projects that have previously approved design and/or construction/implementation prices and the zero budget appropriation.
P = Programmatic project. These are projects that typically represent those that have established replacement schedules in order to avoid assets having assets that extend beyond their useful life and become costly to maintain.

15 All Other Projects.

40 *Total Projects*

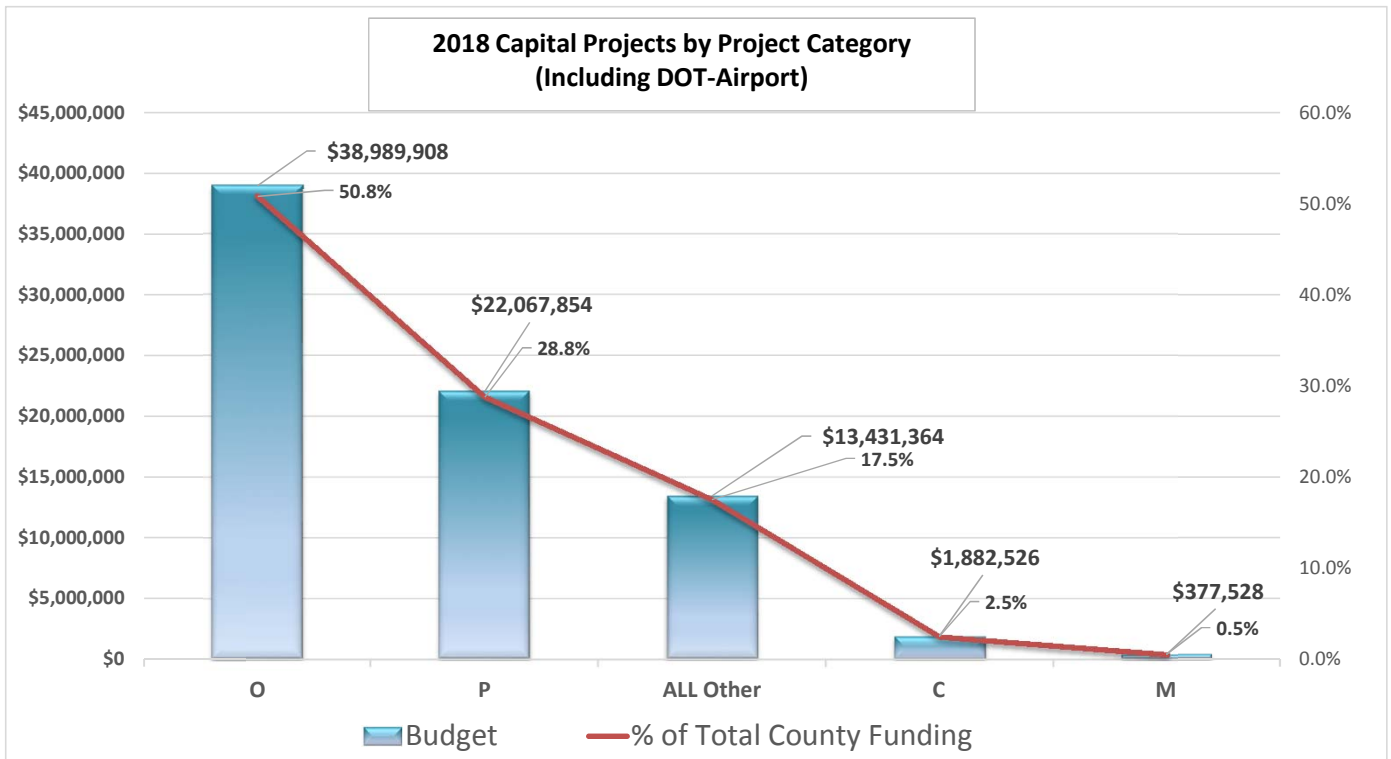
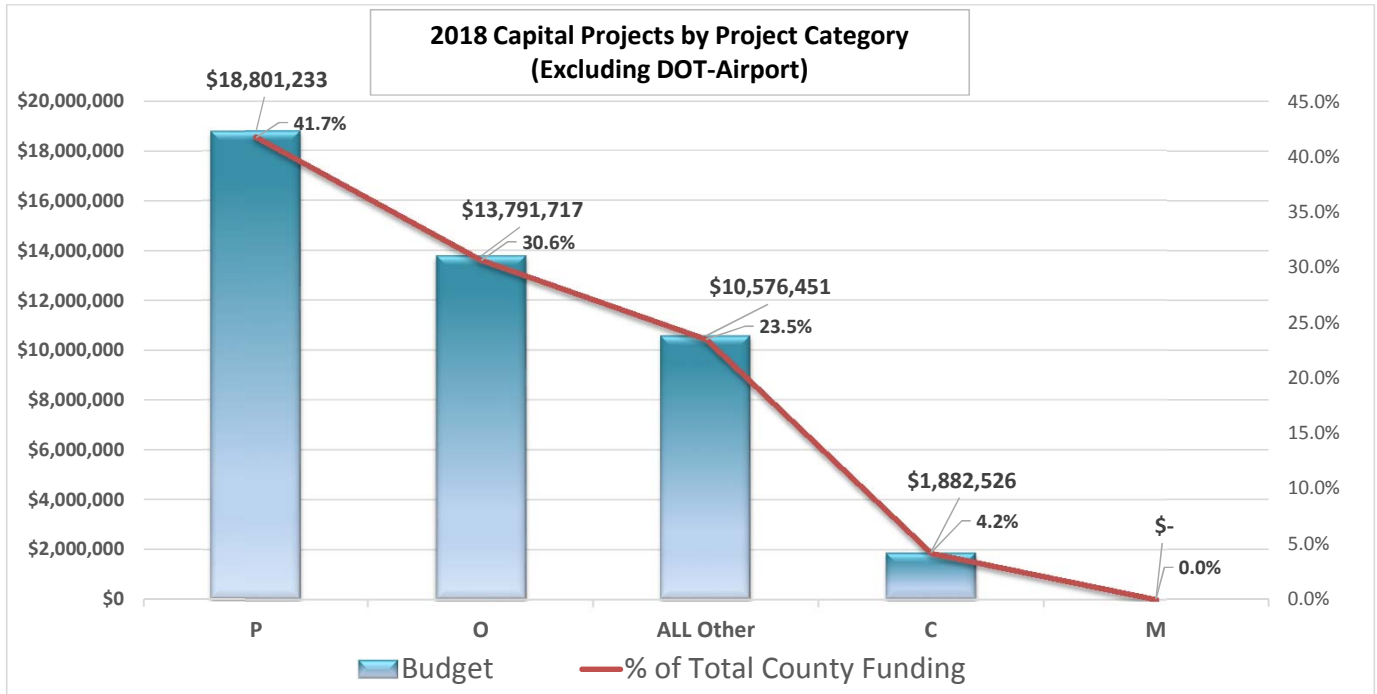
Vehicle Registration (VRF) Fee Detail:

Project:	Non-County Funding		County Funding		Total Funding
	Local-State-Federal		Bonds	Property Tax Levy	
WH10901-Signal Install at W. Good Hope Rd. & Pierron		0	0	0	315,000
TOTAL VRF Funded Projects		0	0	0	315,000

TOTAL VRF Fund

TOTAL VRF Funded Projects

SCHEDULE A - PROJECTS BY CATEGORY GRAPHS



THIS PAGE INTENTIONALLY
LEFT BLANK.

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

INTRODUCTION

Annual Capital Budget Process:

General Capital Improvement Plan Overview

The County utilizes a 5-Year Capital Improvement Plan (CIP) to help plan and estimate future capital project needs. The first year of the CIP (which for this year's budget development process is 2018) is the year in which capital projects scheduled in that particular year receive funding. Years two through five (2019 – 2022) are planning years for future projects and/or continuing phases of existing projects.

Departmental Request Phase

As part of the annual County budget development process, each department is responsible for updating its 5-Year CIP. This process typically begins in late winter/early spring as departments develop/update cost estimates for each capital project. Departments submit their requested CIPs to the Department of Administrative Services (DAS) towards the end of June/early July.¹ Departmental requested budgets (Capital and Operating) are posted by the DAS on the County's website no later than August 15th of each year.²

Capital Improvement Committee (CIC)

The CIC is an advisory sub-committee that reviews and scores the requested departmental capital requests and provides an annual (non-binding) 5-Year CIP to the County Executive and County Board typically in late August/early September.

The CIC is included in the Milwaukee County ordinances under chapter 36. Committee members include the following:

- (a) Director of the Department of Transportation or alternate;
- (b) Fiscal & Budget Administrator (DAS) or alternate;
- (c) Comptroller (committee chair as appointed by the Chair of the County Board), or alternate;
- (d) Chair of the Committee on Transportation, Public Works, and Transit, or alternate;
- (e) Co-Chair of the committee on finance, personnel and audit, or alternates;
- (f) Two (2) appointments of the County Executive who shall be mayors or village board presidents of municipalities located in Milwaukee County, or alternate

County Executive Recommended Phase

Upon receipt of the departmental CIP requests, the DAS staff reviews the requested capital projects and assists the County Executive with the formulation of the Recommended Capital Improvement Budget. Requesting departments are consulted and site visits are performed relative to the departments' capital requests. This budget development phase usually extends from July through September. The Recommended Budget is submitted to the County Board no later than October 1st of each year.³

County Board Phase

Finance and Audit Committee

After the County Executive submits the Recommended Budget, the Finance and Audit Committee (FAC) holds budget hearings. The review typically lasts through the month of October.⁴ Departmental staff is present at FAC hearings to answers questions related to their capital project requests.

During this phase, members of the FAC may introduce amendments to the Recommended Budget.

Upon close of the budget hearings, the FAC submits the Recommended Budget (and amendments) to the County Board for review/adoption.

Full County Board Meeting / County Executive Veto

No later than the 1st Monday of November, the County Board holds a public hearing on the amended capital budget submitted by the FAC. The County Board then meets to act on the amendments and recommendations submitted by the FAC as well as amendments submitted by individual County Board members.

The County Executive may then provide vetoes of the Adopted County Board Budget resolution to the County Board. The County Board then meets a final time (for the budget adoption process) to consider any possible vetoes by the County Executive and whether to sustain or override each veto.

¹ Per Wisconsin State Statute 59.60(2) (b), the Requested Budget Deadline is set annually by DAS Director (deadline can be no later than July 15).

² Per Wisconsin State Statute 59.60(5), DAS Director submits a summary of the budget requests to the County Executive and County Board no later than August 15th.

County website address: <http://county.milwaukee.gov/PSB/County-Budget.htm>

³ Per Wisconsin State Statute 59.60(6) (b) & 59.17(6), CEX submits recommended budget to the Board no later than October 1st.

⁴ The County Board establishes the budget hearing calendar for this committee annually.

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

2018 Capital Improvement Budget:

The 2018 Capital Improvements Budget (Capital Budget) includes 40 separate sub-projects for a total expenditure appropriation of \$92,405,093. Anticipated reimbursement revenue (Federal State and local grants) totals \$15,655,913 resulting in a net County financing of \$76,749,180. Appropriations for 28 corporate purpose (non-airport) sub-projects total \$53,575,515. The resulting County financing of \$45,051,927 is to be financed by \$39,642,309 in general obligation bonds or notes, \$4,844,618 in sales tax revenue, \$315,000 in vehicle registration revenue, \$0 in private donations, and \$250,000 in tax levy.

Annual Bond Limit:

The annual bond limit is defined by County Board file number 03-263, an annual bonding cap to which policy-makers have generally adhered (3% over the prior year's Adopted bond base). The 2017 Adopted Capital Improvement Budget included bond financed projects in the amount of \$41,147,918. Based on this amount, the 2018 bonding cap is calculated at \$42,382,356. However, approved County Board resolution 17-496 accelerated \$2,713,000 of planned 2018 bond financing to 2017 for capital project WZ11901-Zoo Adventure Africa-Elephants Exhibit. As a result, the 2018 bonding cap is adjusted by an equal amount, lowering it to \$39,669,356 (NOTE: The 2019 bond cap will include \$2.7 million as part of the base calculation.)

The 2018 Capital Improvement Budget reflects a 0.1% decrease from the adjusted 2017 bond base (\$39,669,356). As a result, the corporate purpose (non-airport) bonding amount of \$39,642,309 is \$27,047 under the 2018 bonding cap. Bond financing related to the Airport is non corporate-purpose and is therefore not included.

Year	Bond Financing		Budget OVER / (UNDER) Bonding Cap:	
	Bonding Cap	Budget	\$	%
2017	\$39,669,356	\$39,642,309	(\$27,047)	-0.1%

Cash Financing:

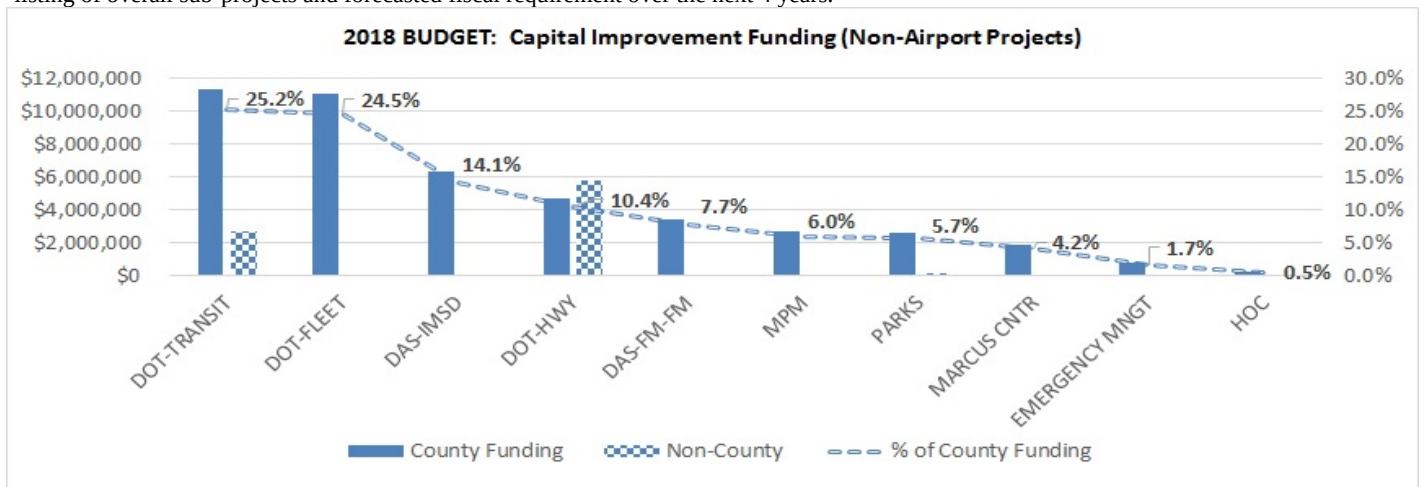
Beginning with the 1995 capital budget, the County established a cash-financing goal of 20.0% to be implemented over a ten-year period. The annual cash goal is based off of 20% of the Net County Funding Contribution (which excludes Federal/State/Local revenue sources). This policy served to increase minimum cash financing by 2.0% annually. Net County financing included in the 2018 budget totals \$76,749,180, including the Airport. Cash needed to meet the 20.0% financing goal is calculated at \$15,349,836. The 2018 budgeted cash financing of \$22,106,871 represents 28.8% of net County financing. Excluding Airport projects, net County financing totals \$45,051,927. Cash needed to meet the 20.0% financing goal of non-airport projects is calculated at \$9,010,385. The 2018 budgeted cash financing of \$5,409,618 represents 12.0% of net County financing.

	2018 Net County Contrib.	Sales Tax Revenue	Tax Levy	*Vehicle Registration. Fee/Misc	Private Contrib.	PFC/ Airport Reserve	TOTAL CASH	% CASH
All Projects, Including Airport:	\$76,749,180	\$4,844,618	\$250,000	\$315,000	\$0	\$16,697,253	\$22,106,871	28.80%
All Projects, Excluding Airport:	\$45,051,927	\$4,844,618	\$250,000	\$315,000	\$0	\$0	\$5,409,618	12.01%

*This amount includes Vehicle Registration revenue of \$315,000 and Miscellaneous revenue of \$0.

2018 Capital Improvement Budget Funding (excluding DOT-Airport):

The projects included in year 2018 of the 2018 – 2022 Capital Improvement Plan (CIP) are funded with total appropriations of \$53,575,515 (\$45,051,927 of County funding and \$8,523,588 of federal/state funding). CIP years 2019 – 2022 are used for planning purposes and provide a listing of overall sub-projects and forecasted fiscal requirement over the next 4 years.



2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

2018 Capital Budget - Project Selection Process:

Capital projects were reviewed and selected using a number of different prioritization factors. Two primary factors taken into consideration included whether a project was ongoing (i.e. continuation of an existing project begun through prior budget appropriation) and/or previously committed. Other major considerations included: whether or not a project could leverage external (non-County) funding that could be used to help offset total project costs, thereby reducing the taxpayer burden; Life/Safety; Deferred Maintenance; and Operating/Efficiencies. The Capital Improvement Committee (CIC) review (pursuant to Milwaukee County Ordinance, Chapter 36) was used as an input to the process as well.

2018 Expenditure Appropriations by Functional Area:

TRANSPORTATION AND PUBLIC WORKS

The 2018 Capital Improvements Budget includes appropriations of \$63,250,046 for Transportation and Public Works. The amount represents 68.4% of total 2018 capital appropriations. The \$63,250,046 in appropriations is offset with 24.5% in reimbursement revenues.

<u>Major 2018 Capital Projects</u>	2018 <u>Appropriation</u>
WA22101-GMIA International Terminal Redevelopment	\$25,198,191
WT10401-Bus Replacement Program-2018	\$13,500,000
WH01016-Reconst. 13th: Drexel to Rawson	\$5,000,000

PARKS, RECREATION AND CULTURE

The 2018 Capital Improvements Budget includes appropriations of \$5,432,723 for Parks, Recreation, and Culture. The amount represents 5.9% of total 2018 capital appropriations.

<u>Major 2018 Capital Projects</u>	2018 <u>Appropriation</u>
WM03901-MPM Fire Panel Replacement	\$2,716,341
WP51201-McKinley Marina Parking Lots	\$2,141,305
WP55301-Mitchell Park Conservatory Planning	\$320,000

GENERAL GOVERNMENT

The 2018 Capital Improvements Budget includes appropriations of \$23,722,324 for General Government. The amount represents 25.7% of total 2018 capital appropriations.

<u>Major 2018 Capital Projects</u>	2018 <u>Appropriation</u>
WO60201-Enterprise Platform Modernization	\$5,781,106
WO31401-Fleet Parks Equipment-2018	\$3,575,832
WC16601-Slab Replacement MPM/Pioneer Village Area	\$1,301,347

Capital Improvement Plan (CIP) – Years 2019* through 2022:

CIP years 2019 – 2022 are used for planning purposes and provide a listing of overall sub-projects and forecasted fiscal requirement(s) over the next 4 years. The table below reflects non-airport sub-projects relative to available estimated County financing of (general obligation) bond, tax levy, sales tax, and vehicle registration fee revenue(s) only. The estimated County financing assumes the 3% annual bond cap increase and the 20% cash financing goal (both are reflective of existing County policy). For additional detail, please refer to the 5-Year Capital Improvement

	2019*	2020	2021	2022
Estimated County Financing:	\$54,532,462	\$56,168,437	\$57,853,490	\$59,589,095
2019 - 2022 CIP (non-airport) Proj Requests:	147,086,744	116,902,378	113,526,334	346,057,932
Under/(Over) Available County Financing:	(\$92,554,282)	(\$60,733,941)	(\$55,672,844)	(\$286,468,837)

*Includes 2018 Requested Projects that were NOT funded in the 2018 Budget.

As part of the annual budget process wherein budget appropriations are received, non-airport sub-projects will be evaluated (see 2018 Capital Budget - Project Selection Process section noted previously) and ranked in order to meet the available County financing.⁵

⁵ Airport sub-projects are evaluated and ranked using the same criteria as non-airport sub-projects, but are typically not financed through general obligation bonds and/or sales tax revenue. Airport sub-projects are generally financed via PFC and Airport Reserve revenue(s).

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET

MILWAUKEE COUNTY

Borrowing for “Operating Expenses:”

Borrowing for “operating expenses” (Wis. Stats. 67.04): State Statutes 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 2018 Capital Improvements Budget does contain some expensed projects (non-capitalized). These projects are financed with property tax levy, sales tax revenue, vehicle registration fee revenue, or revenue generated from Passenger Facility Charges (PFCs).

Capital Project Staffing/Consultant Plan:

Each project narrative and fiscal sheet has a detailed staffing plan listed. Milwaukee County’s General Ordinance for Professional Services 56.30(4) requires that “[f]or projects managed by the Department of Transportation and Public Works, the Department of Transportation and Public Works is authorized to enter into contractual services or professional services agreements as may be required for specific capital improvement projects which have been previously approved by County Board action.” Furthermore, “[t]he budget write-up shall contain specific information as to the scope of the project, professional services required and estimated cost of the professional service work to be performed.” Subsequent to budget adoption, the Department of Transportation and the Department of Administrative Services-Facilities Management Division prepare final staffing plans, which are reviewed and approved by the County Executive and County Board of Supervisors. Any subsequent changes to the final 2018 staffing plans have to be approved by the County Executive and County Board of Supervisors.

Federal Expenditure Targets for Tax Exempt Bonds:

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

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

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

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

Non-Construction Issues:

6 months	15% of proceeds & actual & expected earnings
12 months	60% of proceeds & actual & expected earnings
18 months	100% of proceeds & actual earnings

Construction Issues:

6 months	10% of proceeds & actual & expected earnings
12 months	45% of proceeds & actual & expected earnings
18 months	75% of proceeds & actual & expected earnings
24 months	100% of proceeds & actual earnings

Debt Affordability Indicators

THIS PAGE INTENTIONALLY
LEFT BLANK.

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

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 through February monthly receipts.

Trend Information:

Budget Year	Tax Supported Debt Service	County Sales & Use Tax Revenue	Surplus Sales Tax Revenues
2018	\$33,771,642	\$69,380,817	(\$35,609,175)
2019	\$52,246,766	\$70,552,591	(\$18,305,825)
2020	\$53,001,427	\$71,744,154	(\$18,742,727)
2021	\$53,694,908	\$72,955,842	(\$19,260,934)
2022	\$57,500,245	\$74,178,995	(\$16,678,750)
2023	\$58,444,518	\$75,440,957	(\$16,996,439)
2024	\$52,231,897	\$76,715,080	(\$24,483,183)
2025	\$53,178,345	\$78,010,722	(\$24,832,377)
2026	\$52,764,234	\$79,328,247	(\$26,564,013)

Note:

The 2018 Budget continues the use of surplus sales tax revenue to cash finance capital improvements projects, prepay outstanding bonds, pre-fund employee benefit costs or fund anticipated or extraordinary annual increases in such costs or supplement the Appropriation for Contingencies. For further sales tax revenue information please refer to the 2018 Budget Org. Unit 1800 - Non-Departmental Revenues.

Budgeted revenues for the upcoming fiscal years are determined through the budget process. Revenues for 2018 are \$35,609,175 for the general fund purposes mentioned above.

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

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.

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 property tax levy, sales tax revenues, private donations, cash contributions from reserves, sales of capital assets, and revenue from Passenger Facility Charges (PFCs). Cash financing for 2018 totals \$27,449,071 and consists of \$6,345,589 in sales tax revenue, \$12,266,910 in Airport Reserves, \$4,484,252 in PFC revenue, and \$1,531,174 in tax levy. 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. The 2018 projection base assumes the previous 5-Year average percentage of bonds issued to fund capital projects and the 20% cash financing policy goal.

Trend Information:

Budget Year	Net County Capital Cost	Direct Cash Financing	Percent Cash Financing
2018	\$82,211,560	\$27,449,071	33.4%
2019	\$60,426,026	\$12,085,205	20.0%
2020	\$62,238,807	\$12,447,761	20.0%
2021	\$64,105,971	\$12,821,194	20.0%
2022	\$66,029,150	\$13,205,830	20.0%
2023	\$68,010,025	\$13,602,005	20.0%
2024	\$70,050,325	\$14,010,065	20.0%
2025	\$72,151,835	\$14,430,367	20.0%
2026	\$74,316,390	\$14,863,278	20.0%

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Direct Debt as a Percent of Equalized Value

Policy Goal:

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

Definition:

Direct debt is the total outstanding principal for general obligation bonds and notes which the County has pledged its full faith, credit and unlimited taxing power. Direct debt does not include debt issued by the County on behalf of the conduit financings issued for non-county agencies. The direct debt only includes current outstanding debt and future debt that may be issued from 2018-2027. Equalized property value includes the value of Tax Incremental Financing Districts (TIDs).

Trend Information:

Budget Year	Direct Debt	Equalized Value (Includes TID)	Direct Debt as % of Value
2018	\$614,709,773	\$61,413,297,000	1.0%
2019	\$603,512,211	\$61,277,501,377	1.0%
2020	\$578,945,597	\$61,142,006,021	0.9%
2021	\$554,698,105	\$61,006,810,270	0.9%
2022	\$530,549,778	\$60,871,913,460	0.9%
2023	\$506,355,453	\$60,737,314,931	0.8%
2024	\$482,179,377	\$60,603,014,023	0.8%
2025	\$465,205,000	\$60,469,010,078	0.8%
2026	\$451,040,000	\$60,335,302,440	0.7%

**The State of Wisconsin - Department of Revenue (DOR) annually certifies equalized value by August 15th and remains effective through August 14th of the subsequent year. The County's BUDGET YEAR amount of \$61,413,297,000 reflects the DOR's certification for August 15th, 2017 through August 14th, 2018."*

Equalized value projections (2018-2027) are based on the previous 5-Year DOR certified average.

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Direct Debt Per Capita

Policy Goal:

Direct debt per capita shall not exceed \$500.

Definition:

Direct debt is the total outstanding principal for general obligation bonds and notes which the County has pledged its full faith, credit and unlimited taxing power. Direct debt per capita is determined by dividing direct debt totals by the most recent estimate of the number of persons residing in Milwaukee County. The 2017 Budget Year Direct Debt per Capita figure was \$666.

Trend Information:

Budget Year	Direct Debt	County Population	Direct Debt Per Capita
2018	\$614,709,773	945,416	\$650
2019	\$603,512,211	945,416	\$638
2020	\$578,945,597	945,416	\$612
2021	\$554,698,105	945,416	\$587
2022	\$530,549,778	945,416	\$561
2023	\$506,355,453	945,416	\$536
2024	\$482,179,377	945,416	\$510
2025	\$465,205,000	945,416	\$492
2026	\$451,040,000	945,416	\$477

**Source: State of Wisconsin - Department of Administration*

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.

SECTION 1
HIGHWAYS

THIS PAGE INTENTIONALLY
LEFT BLANK.

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WH010	Sub-Project No. WH01006	Sub-Project Title RECONSTRUCT CTH "Y" LAYTON AVENUE 27TH TO 43RD
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

The sub-project addresses the need to meet the future transportation and safety provisions together with improving the deficiencies of the existing roadway system such as deteriorated pavement, poor shoulders, inadequate drainage system, and insufficient access for both bicyclist and pedestrians.

2018 Sub-Project Scope of Work:

The scope of work includes beginning the design phase for W. Layton Ave. (CTH Y) from S. 27th St. to S. 43rd St. in the Surface Transportation Program (STP). The work includes reconditioning of the 1.0 mile segment of W. Layton Ave. (CTH Y), including consideration for bicycle and pedestrian accommodations. Milwaukee County Department of Transportation (MCDOT) has applied for funding from the Wisconsin Department of Transportation (WISDOT) under STP for the W. Layton Ave. (CTH Y) from S. 27th St. to S. 43rd St. project and anticipates receiving funding in 2017 so that the design phase can begin in 2018. The total estimated cost of the project is \$5,100,000 where it would provide 80% Federal funding (\$4,064,000) and the remaining 20% funded by Milwaukee County (\$1,036,000).

2019-2022 Sub-Project Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of \$4,680,000 that are necessary to complete the work on the W. Layton Ave. (CTH Y) from S. 27th St. to S. 43rd St. project. Financing is anticipated to be provided from \$3,744,000 in Federal revenue and \$936,000 in County funds.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$420,000	\$320,000	\$0	\$0	\$100,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$430,000	\$344,000	\$0	\$0	\$86,000
2021	\$4,250,000	\$3,400,000	\$0	\$0	\$850,000
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$5,100,000	\$4,064,000	\$0	\$0	\$1,036,000

2018 Budget Year Financing

Federal, State & Local Aid	\$320,000	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$100,000	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$420,000		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$0	\$420,000	\$300,000	\$720,000
Construction & Implementation	\$0	\$0	\$4,250,000	\$4,250,000
Right-of-Way Acquisition	\$0	\$0	\$130,000	\$130,000
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$420,000	\$4,680,000	\$5,100,000

Sub-Project Schedule	Month/Year	Useful Life (Yrs)
Complete Site Acquisition	11/1/2020	25 Yrs
Complete Preliminary Plan	4/1/2019	
Complete Final Plans & Specs	11/1/2020	
Begin Construction/Purchase Asset	4/1/2021	
Construction Substantially Completed	11/1/2021	
Scheduled Sub-Project Closeout	8/1/2022	

Requesting Department or Agency:

Dept of Transportation - Highways

Managing Department or Agency:

Dept of Transportation - Highways

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WH010	Sub-Project No. WH01008	Sub-Project Title RECONSTRUCT CTH "N" SOUTH 92ND STREET
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

The sub-project addresses the need to meet the future transportation and safety provisions together with improving the deficiencies of the existing roadway system such as deteriorated pavement, poor shoulders, inadequate drainage system, and insufficient access for both bicyclist and pedestrians.

2018 Sub-Project Scope of Work:

The scope of work includes a continuation of the design phase and work to begin the right-of-way acquisition phase for S. 92nd St. (CTH N) from W. Forest Home Ave. to W. Howard Ave. in the County Highway Improvement Program (CHIP). The work includes reconditioning of the 1.5 mile segment of S. 92nd St. (CTH N), including bicycle and pedestrian accommodation consideration. A delay in the continuation of the design and right-of-way acquisition phases will jeopardize the State funding allocated by Wisconsin Department of Transportation (WISDOT) for the entire project. The State funding from the WISDOT under CHIP is a maximum of \$1,403,000 for eligible project costs and expires in June 30, 2021.

2019-2022 Sub-Project Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of \$3,600,000 that are necessary to complete the work on the S. 92nd St. (CTH N) from Forest Home Ave to Howard Ave. project. Financing is anticipated to be provided from \$1,203,000 in State revenue and \$2,397,000 in County funds.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$275,000	\$0	\$0	\$0	\$275,000
2019	\$3,600,000	\$0	\$1,203,000	\$0	\$2,397,000
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$3,875,000	\$0	\$1,203,000	\$0	\$2,672,000

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$275,000	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$275,000		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$500,000	\$200,000	\$0	\$700,000
Construction & Implementation	\$0	\$0	\$3,600,000	\$3,600,000
Right-of-Way Acquisition	\$0	\$75,000	\$0	\$75,000
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$500,000	\$275,000	\$3,600,000	\$4,375,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	9/1/2018
Complete Preliminary Plan	3/1/2018
Complete Final Plans & Specs	10/1/2018
Begin Construction/Purchase Asset	4/1/2019
Construction Substantially Completed	11/1/2019
Scheduled Sub-Project Closeout	6/1/2020

Month/Year

Useful Life (Yrs)

20 Yrs

Requesting Department or Agency:

Dept of Transportation - Highways

Managing Department or Agency:

Dept of Transportation - Highways

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WH010	Sub-Project No. WH01016	Sub-Project Title RECONST. 13TH: DREXEL TO RAWSON
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

The sub-project addresses the need to meet the future transportation and safety provisions together with improving the deficiencies of the existing roadway system such as deteriorated pavement, poor shoulders, inadequate drainage system, and insufficient access for both bicyclist and pedestrians.

2018 Sub-Project Scope of Work:

The scope of work includes the construction phase for S. 13th St. (CTH V) from W. Drexel Ave. to W. Rawson Ave. in the Surface Transportation Program (STP). The work includes reconstruction of the 1 mile segment of S. 13th St. (CTH V), including an urban and rural combination section with bicycle and pedestrian accommodations. In 2018, the construction phase is scheduled to begin. A delay in the start of construction will jeopardize the Federal funding allocated by Wisconsin Department of Transportation (WISDOT) for the entire project. The Federal funding from the WISDOT under the Surface Transportation Program (STP) was approved for a total estimated cost of \$7,200,000 where it would provide 80% for the Federal share (\$5,720,000), 20% for the Milwaukee County share (\$1,430,000), and \$50,000 for the local share.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$5,000,000	\$3,960,000	\$0	\$0	\$1,040,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$5,000,000	\$3,960,000	\$0	\$0	\$1,040,000

2018 Budget Year Financing

Federal, State & Local Aid	\$3,960,000	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$1,040,000	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$5,000,000		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$900,151	\$0	\$0	\$900,151
Construction & Implementation	\$0	\$5,000,000	\$0	\$5,000,000
Right-of-Way Acquisition	\$500,000	\$0	\$0	\$500,000
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$1,400,151	\$5,000,000	\$0	\$6,400,151

Sub-Project Schedule

Month/Year

Complete Site Acquisition	1/1/2018
Complete Preliminary Plan	3/1/2017
Complete Final Plans & Specs	11/1/2017
Begin Construction/Purchase Asset	4/1/2018
Construction Substantially Completed	11/1/2018
Scheduled Sub-Project Closeout	7/1/2019

Useful Life (Yrs)

30 Yrs

Requesting Department or Agency:

Dept of Transportation - Highways

Managing Department or Agency:

Dept of Transportation - Highways

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WH020	Sub-Project No. WH02019	Sub-Project Title N TEUTONIA AVE. (W. GOOD HOPE TO W. BRADLEY)
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

The sub-project addresses the need to meet the future transportation and safety provisions together with improving the deficiencies of the existing roadway system such as deteriorated pavement, poor shoulders, inadequate drainage system, and insufficient access for both bicyclist and pedestrians.

2018 Sub-Project Scope of Work:

The scope of work includes the construction phase for the N. Teutonia Ave. (CTH D) project from W. Good Hope Rd. to W. Bradley Rd. in the County Highway Improvement Program (CHIP). The work includes reconditioning N. Teutonia Ave. (CTH D) with hot mix asphalt pavement, including other minor drainage and safety improvements. The intersection of N. Teutonia Ave. & W. Bradley Rd. will be converted from a signalized intersection to a roundabout. In 2018, the construction phase is scheduled to begin. Any delay in the start of construction will jeopardize the State funding reimbursement approved by WISDOT for the entire project. The State funding maximum reimbursement under the Wisconsin Department of Transportation (WISDOT) CHIP is \$1,418,669 and expires on June 30, 2019.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$4,408,000	\$0	\$1,349,000	\$109,000	\$2,950,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$4,408,000	\$0	\$1,349,000	\$109,000	\$2,950,000

2018 Budget Year Financing

Federal, State & Local Aid	\$1,458,000	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$2,950,000	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$4,408,000		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$375,383	\$0	\$0	\$375,383
Construction & Implementation	\$0	\$4,408,000	\$0	\$4,408,000
Right-of-Way Acquisition	\$50,104	\$0	\$0	\$50,104
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$425,487	\$4,408,000	\$0	\$4,833,487

Sub-Project Schedule

Month/Year

Complete Site Acquisition	12/1/2017
Complete Preliminary Plan	8/1/2017
Complete Final Plans & Specs	2/1/2018
Begin Construction/Purchase Asset	4/1/2018
Construction Substantially Completed	11/1/2018
Scheduled Sub-Project Closeout	6/1/2019

Useful Life (Yrs)

20 - 30 Yrs

Requesting Department or Agency:

Dept of Transportation - Highways

Managing Department or Agency:

Dept of Transportation - Highways

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

020

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WH109	Sub-Project No. WH10901	Sub-Project Title SIGNAL INSTALL AT W GOOD HOPE RD & PIERRON
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

The sub-project addresses the need to perform a traffic engineering study that evaluates both pedestrian/bicycle safety and traffic operations at the intersection of W. Good Hope Rd. (CTH PP) & W. Pierron Rd. to determine the ideal signal installation alternative based on the study. W. Good Hope Rd. (CTH PP) is a major corridor between I-41 and I-43 and has a high volume of traffic. W. Pierron Rd. is a local street that connects to parks in the area that attract bicycles and pedestrian that cross W. Good Hope Rd. (CTH PP). Due to the high volume of traffic on W. Good Hope Rd. (CTH PP) and the wide width of the corridor, it can be difficult to cross at W. Pierron Rd., creating a safety concern for pedestrians and bicyclist.

2018 Sub-Project Scope of Work:

The scope of work includes design and construction of a signal installation at the intersection of W. Good Hope Rd. (CTH PP) & W. Pierron Rd. in the Village of River Hills. The work includes conducting a traffic engineering study and analysis and completing the design and construction of the signal installation.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$315,000	\$0	\$0	\$0	\$315,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$315,000	\$0	\$0	\$0	\$315,000

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue-VRF	\$315,000
Total Budget Year Financing	\$315,000		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$0	\$15,000	\$0	\$15,000
Construction & Implementation	\$0	\$300,000	\$0	\$300,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$315,000	\$0	\$315,000

Sub-Project Schedule

Month/Year	
Complete Site Acquisition	N/A
Complete Preliminary Plan	4/1/2018
Complete Final Plans & Specs	6/1/2018
Begin Construction/Purchase Asset	8/1/2018
Construction Substantially Completed	12/1/2018
Scheduled Sub-Project Closeout	4/1/2019

Useful Life (Yrs)

15 Yrs

Requesting Department or Agency:

Dept of Transportation - Highways

Managing Department or Agency:

Dept of Transportation - Highways

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

THIS PAGE INTENTIONALLY
LEFT BLANK.

SECTION 2
MASS TRANSIT

THIS PAGE INTENTIONALLY
LEFT BLANK.

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WT104	Sub-Project No. WT10401	Sub-Project Title BUS REPLACEMENT PROGRAM-2018
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

Maintain an annual bus replacement schedule in order to mitigate higher maintenance and operational costs resulting from using buses beyond their useful life. The buses to be replaced are 40-foot diesel buses purchased in 2003 and 2004 which are fully depreciated and have reached the end of their useful life.

2018 Sub-Project Scope of Work:

The Milwaukee County Transit System (MCTS) will replace 40-foot diesel buses purchased in 2003 and 2004 which are fully depreciated and have reached the end of their useful life. In mid-2017, MTS will advertise for proposals seeking a 3-year contract to provide buses through 2020. Thirty (30) buses will then be ordered in January 2018 with delivery expected in late 2018 or early 2019 depending on the delivery schedule of the selected manufacturer.

2019-2022 Sub-Project Scope of Work:

The MCTS bus replacement schedule assumes twenty-seven (27) replacement buses per year. Please refer to capital project WT10301 (Bus Replacement Program - Planning Placeholder) in the 5-Year Capital Improvement Plan for annual replacement costs in years 2019 - 2022.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$13,500,000	\$2,649,085	\$0	\$0	\$10,850,915
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$13,500,000	\$2,649,085	\$0	\$0	\$10,850,915

2018 Budget Year Financing

Federal, State & Local Aid	\$2,649,085	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$10,850,915	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$13,500,000		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$13,500,000	\$0	\$13,500,000
TOTAL	\$0	\$13,500,000	\$0	\$13,500,000

Sub-Project Schedule

Month/Year

Complete Site Acquisition	N/A
Complete Preliminary Plan	N/A
Complete Final Plans & Specs	8/1/2017
Begin Construction/Purchase Asset	2/1/2018
Construction Substantially Completed	12/1/2018
Scheduled Sub-Project Closeout	12/31/2018

Useful Life (Yrs)

12 Yrs

Requesting Department or Agency:

Dept of Transportation - Transit/Paratransit

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

No

Functional Group:

Transportation and Public Works

Capital Category:

Vehicles & Equipment

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WT077	Sub-Project No. WT07701	Sub-Project Title FDL BUS STORAGE GARAGE ROOF REPLACEMENT
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

The existing roofs (Buildings A, B, C, D, and E) at the Fond Du Lac Avenue - Bus Storage Building total approximately 99,144 square feet and are over 35 years old. Repairs have been made in numerous areas and the roofs are beyond the useful life. Funding for project surveys, reports, planning, design, bidding and construction were included as part of the 2017 Adopted Capital Budget. However, due to higher than estimated costs, additional funding is required in order to award a construction contract and complete the project.

2018 Sub-Project Scope of Work:

The scope of work includes removal of existing roofs totaling 99,144 square feet and replacement with wood, metal, plumbing and insulation as appropriate for Buildings A, B, C, D and E at the MCTS Fond du Lac Bus Storage Garage. With respect to sustainability/energy efficiency, recycled content roofing materials and low VOC sealants and adhesives will be incorporated and new equipment will incorporate energy efficient and sustainable design as allowed by the building code for this installation.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$502,468	\$0	\$0	\$0	\$502,468
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$502,468	\$0	\$0	\$0	\$502,468

2018 Budget Year Financing			
Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$502,468	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$502,468		

Capital Sub-Project Breakdown (2013 - 2022)				
SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$502,468	\$0	\$502,468
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$2,700,000	\$0	\$0	\$2,700,000
TOTAL	\$2,700,000	\$502,468	\$0	\$3,202,468

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	6/1/2018
Complete Final Plans & Specs	8/1/2018
Begin Construction/Purchase Asset	3/1/2019
Construction Substantially Completed	9/1/2019
Scheduled Sub-Project Closeout	10/1/2019

Useful Life (Yrs)
40 Yrs

Requesting Department or Agency:

Dept of Transportation - Transit/Paratransit

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility Replacement

SECTION 3
AIRPORT

THIS PAGE INTENTIONALLY
LEFT BLANK.

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WA221	Sub-Project No. WA22101	Sub-Project Title GMIA INTERNATIONAL TERMINAL REDEVELOPMENT
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

The existing International Arrivals Building (IAB) at General Mitchell International Airport (GMIA) is a 23,000 square feet, one level stand-alone structure constructed in 1975. The existing Federal Inspection Services (FIS) facility has a processing capacity of approximately 140 passengers per hour and does not meet current design standards of the United States Department of Homeland Security. The IAB has one Passenger Boarding Bridge that is nearing the end of its useful life. The IAB is detached from the terminal and the parking structure, requiring passengers to walk to these facilities often times in inclement weather. A feasibility study was conducted to assess the current and future needs for the facility, and offered recommendations for the initial and ultimate capacity. The building will be constructed in the current location of Concourse E, and will have two gates that will serve both domestic and international arrivals/departures. The new building will contain a FIS facility that meets the current design standards of the Department of Homeland Security, and will have a peak passenger processing throughput of 400 passengers per hour. Financing is provided by \$8,198,191 from the General Mitchell International Airport (GMIA) Airport Development Funding (ADF) reserve, and \$2,000,000 in Passenger Facility Charge (PFC) cash, and \$15,000,000 from PFC Backed Bonds.

2018 Sub-Project Scope of Work:

Project is phase 1 of the construction of a new international concourse building. Scope includes demolition of the existing Concourse E, footings & foundations, building structure, utility work and other work items recommended by the design team. Capital funding for phase 2 of construction will be requested in the 2019 capital budget. With respect to sustainability/energy efficiency, this project will built according to Leadership in Energy and Environmental Design (LEED) standards.

The Airport Director will provide a written informational report to the Committee on Finance and Audit and the Office of the Comptroller prior to the commencement of planning and design for the International Terminal Redevelopment project, which shall include the following:

1. A market study and a marketing plan for domestic and international service. The study should also include a passenger demand forecast.
2. A 30-year cash flow of PFC funds, which includes the following: Current alternate enplanement trends, outstanding PFC commitments, projected PFC commitments for other projects, the term of the PFC applications, and PFC debt service associated with this project and other capital projects. The cash flow shall indicate a threshold that the balance of PFC funds cannot drop below.
3. A cash flow of the Airport Development Fund Account (ADFA) funds, which includes the following: Current and alternate enplanement trends, outstanding ADFA commitments, projected ADFA commitments for other projects, and ADFA commitments associated with this project. The cash flow shall also indicate a threshold that the balance of ADFA funds cannot drop below.
4. A written confirmation that the airlines approve the issuance of PFC-backed GARBs to partially finance the construction of the International Terminal Redevelopment project.

2019-2022 Sub-Project Scope of Work:

Phase 2 of construction of the new international concourse building will be requested in the 2019 capital budget. Scope of phase 2 includes the completion of the building, interior finishes, mechanical, electrical, plumbing, site work and connection to the existing terminal building. The budget request is currently estimated to be \$20,112,809 funded by \$4,112,809 from the GMIA Airport Development Fund (ADF), \$1,000,000 from Passenger Facility Charges (PFC), and \$15,000,000 from PFC Backed Bonds.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$25,198,191	\$0	\$0	\$0	\$25,198,191
2019	\$20,112,809	\$0	\$0	\$0	\$20,112,809
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$45,311,000	\$0	\$0	\$0	\$45,311,000

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$2,000,000
Property Tax	\$0	Revenue Bonds	\$15,000,000
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$8,198,191	Other Revenue	\$0
Total Budget Year Financing	\$25,198,191		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$4,689,000	\$0	\$0	\$4,689,000
Construction & Implementation	\$0	\$25,198,191	\$20,112,809	\$45,311,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$4,689,000	\$25,198,191	\$20,112,809	\$50,000,000

Sub-Project Schedule	Month/Year	Useful Life (Yrs)
Complete Site Acquisition	N/A	40 Yrs
Complete Preliminary Plan	3/1/2018	
Complete Final Plans & Specs	9/1/2018	
Begin Construction/Purchase Asset	11/1/2018	
Construction Substantially Completed	7/1/2020	
Scheduled Sub-Project Closeout	12/31/2021	

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility Replacement

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WA240	Sub-Project No. WA24001	Sub-Project Title LJT SECURITY-WILDLIFE PRMTR FENCING-2018
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

The current fence on the North, East, and West property lines of Lawrence J. Timmerman Airport (LJT) is 6'-0" high with 3 strands of barbed wire. Much of this fencing is original and beyond its useful life. This fencing, in its current state, does not meet Federal Aviation Administration (FAA) standards for airport perimeter fencing. The proposed replacement fencing will consist of chain link fencing 8'-0" above ground, with 3 strands of barbed wire on top. The establishment of this fence will better prevent wildlife intrusion and enhance the security of the airport perimeter. Financing is being provided by \$231,914 Federal Aviation Administration (FAA) General Aviation Airport Improvement Program (AIP) funding, \$12,884 in State funding and \$12,884 in contributions from the Capital Improvement Reserve Account (CIRA).

2018 Sub-Project Scope of Work:

Removal and replacement of airport perimeter fence at Lawrence J. Timmerman Airport (LJT). Existing fence posts and fabric to be removed and the materials recycled. New 8' tall chain-link galvanized steel fence to be installed in approximately the same location as the removed fence. New perimeter fence shall have three strands of barbed wire. Existing gates will also be replaced as part of this project. With respect to sustainability/energy efficiency, this project will require the recycling and/or re-use of the existing metal from the fence.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$257,682	\$231,914	\$12,884	\$0	\$12,884
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$257,682	\$231,914	\$12,884	\$0	\$12,884

2018 Budget Year Financing			
Federal, State & Local Aid	\$244,798	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$12,884	Other Revenue	\$0
Total Budget Year Financing	\$257,682		

Capital Sub-Project Breakdown (2013 - 2022)				
SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$29,623	\$0	\$29,623
Construction & Implementation	\$0	\$228,059	\$0	\$228,059
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$257,682	\$0	\$257,682

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	3/1/2018
Complete Final Plans & Specs	6/1/2018
Begin Construction/Purchase Asset	8/1/2018
Construction Substantially Completed	11/1/2018
Scheduled Sub-Project Closeout	3/1/2019

Useful Life (Yrs)
15 Yrs

Requesting Department or Agency:
Dept of Transportation - Airport
Managing Department or Agency:
Dept of Admn Services - Facilities Management
Specialized Consultant(s) Retained:
No
Functional Group:
Transportation and Public Works
Capital Category:
Other Capital

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WA243	Sub-Project No. WA24301	Sub-Project Title GMIA REPLACEMENT JET BRIDGES-2018
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

Passenger Boarding Bridges (PBB's) at General Mitchell International Airport (GMIA) are owned by Milwaukee County and collectively serve over 7 million passengers per year. The current agreement with the airlines assigns responsibility for capital replacement to Milwaukee County. Several PBB's are 20 years old or more and are reaching the end of their useful life. There are also gates at GMIA that currently do not have PBB's due to past use of ground boarding configurations. Currently, the airline industry has moved away from ground boarding and has almost exclusively changed to second level (concourse level) boarding and deplaning of passengers. This sub-project addresses these two issues by replacement of existing obsolete PBB's and reconfiguration of ground boarding gates to concourse level boarding with PBB's. Financing is provided by Passenger Facility Charge (PFC) cash.

2018 Sub-Project Scope of Work:

Removal and replacement of three Passenger Boarding Bridges (PBBs) at General Mitchell International Airport (GMIA). Scope of the project includes the purchase and installation of PBBs, electrical and security improvements at each PBB location and concrete foundation work as needed per location. New PBB will have operational functions per established GMIA standards for this equipment. With respect to sustainability/energy efficiency, this project specifies that the PBBs are equipped with ground power and pre-conditioned air functions. These functions enable an aircraft to completely power down its engines while docked at the gate, thereby reducing air emissions and noise.

2019-2022 Sub-Project Scope of Work:

Additional Passenger Boarding Bridge replacement similar to the scope described above. Future years' anticipated Jet Bridge Replacements are included in capital project WA23101 in the 5-Year Capital Improvement Plan section.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$1,545,318	\$0	\$0	\$0	\$1,545,318
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,545,318	\$0	\$0	\$0	\$1,545,318

2018 Budget Year Financing			
Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$1,545,318
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$1,545,318		

Capital Sub-Project Breakdown (2013 - 2022)				
SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$86,811	\$0	\$86,811
Construction & Implementation	\$0	\$93,634	\$0	\$93,634
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$1,364,873	\$0	\$1,364,873
TOTAL	\$0	\$1,545,318	\$0	\$1,545,318

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	3/1/2018
Complete Final Plans & Specs	5/1/2018
Begin Construction/Purchase Asset	6/1/2018
Construction Substantially Completed	12/1/2018
Scheduled Sub-Project Closeout	6/1/2019

Useful Life (Yrs)
20 Yrs

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Hard-Surface (Non-Roadway)

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WA245	Sub-Project No. WA24501	Sub-Project Title GMIA AIRFIELD SAFETY IMPRVMT-2018
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

Federal Aviation Administration (FAA) Advisory Circular 150/5345-53 Airport Lighting contains the FAA's standards and recommendations for airfield lighting design. In 2011 this Advisory Circular was re-issued with new standards for airfield taxiway and runway lighting. As a result, existing airfield lighting no longer meets the current standards. This project addresses those deficiencies. Additionally, the FAA has minimum standards for runway pavement texture to insure good aircraft braking. As pavements wear, the friction values are diminished due to the lack of engineered surface roughness. Runway pavements require periodic measures to re-establish the proper surface texture in order to meet FAA standards. Runway 1L-19R is the most heavily used air carrier runway at General Mitchell International Airport (GMIA), and is used in low-visibility conditions. The pavement texture of Runway 1L-19R in the vicinity of the intersection of Runway 7R-25L has documented reduced friction measurements, requiring action to meet FAA standards. Financing is provided by \$362,419 in Federal Aviation Administration (FAA) Airport Improvement Program (AIP) funding, \$60,403 in State funding and \$60,402 in Passenger Facility Charge (PFC) cash.

2018 Sub-Project Scope of Work:

The scope of work consists of the replacement of cabling and airfield lighting on Runway 7L-25R. Including Runway End Indicator Lights (REILs), Constant Current Regulator and airfield guidance sign transformers. Also included in the project scope is the installation of additional storm sewer inlets and storm sewer pipe in the mid-field areas at the intersection of Runway 1R-19L and Taxiway M. With respect to sustainability/energy efficiency, this project replaces approximately 44 existing incandescent lights with LED-type lights. This project also improves storm water quality through installation of catch basins with sumps to collect solids, preventing entry into the receiving waters.

2019-2022 Sub-Project Scope of Work:

Future years' anticipated GMIA Airfield Safety Improvements are included in capital project WA23001 in the 5-Year Capital Improvement Plan section.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$483,224	\$362,419	\$60,403	\$0	\$60,402
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$483,224	\$362,419	\$60,403	\$0	\$60,402

2018 Budget Year Financing

Federal, State & Local Aid	\$422,822	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$60,402
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$483,224		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$0	\$54,530	\$0	\$54,530
Construction & Implementation	\$0	\$428,694	\$0	\$428,694
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$483,224	\$0	\$483,224

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	4/1/2018
Complete Final Plans & Specs	6/1/2018
Begin Construction/Purchase Asset	7/1/2018
Construction Substantially Completed	10/1/2017
Scheduled Sub-Project Closeout	3/1/2019

Useful Life (Yrs)

30 Yrs

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Hard-Surface (Non-Roadway)

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WA246	Sub-Project No. WA24601	Sub-Project Title GMIA AIRFIELD PAVEMENT RPLCMNT-2018
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

Airfield pavements at General Mitchell International Airport (GMIA) are required to comply with Federal Aviation Administration (FAA) standards per Federal Aviation Regulation (FAR) Part 139. The pavements identified in the scope of this sub-project have reached a level of deterioration and distress requiring action to keep them in compliance with FAR Part 139. If GMIA's pavements are not in compliance, the FAA may impose restrictions on their use. Financing is provided by \$1,756,276 Federal Aviation Administration (FAA) Airport Improvement Program (AIP) funding, \$292,713 in State funding and \$292,712 in Passenger Facilities Charge (PFC) cash.

2018 Sub-Project Scope of Work:

The scope of work consists of the replacement of asphalt shoulder pavement on Taxiway B, from Taxiway M to Taxiway D. Scope includes removal of existing pavement and edge lighting, grading, placement of asphalt taxiway shoulder pavement, new edge lighting and associated site restoration. Project also consists of the replacement of concrete pavement at the South Deicing Pad. Scope includes the removal of existing pavement panels and placement of new concrete pavement. With respect to sustainability/energy efficiency, this project requires the recycling/re-use of construction waste.

2019-2022 Sub-Project Scope of Work:

Future years' anticipated GMIA Airfield Pavement Replacements are included in capital project WA23301 in the 5-Year Capital Improvement Plan section.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$2,341,701	\$1,756,276	\$292,713	\$0	\$292,712
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,341,701	\$1,756,276	\$292,713	\$0	\$292,712

2018 Budget Year Financing

Federal, State & Local Aid	\$2,048,989	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$292,712
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$2,341,701		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adotped	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$259,735	\$0	\$259,735
Construction & Implementation	\$0	\$2,081,966	\$0	\$2,081,966
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$2,341,701	\$0	\$2,341,701

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	3/1/2018
Complete Final Plans & Specs	4/1/2018
Begin Construction/Purchase Asset	6/1/2018
Construction Substantially Completed	11/1/2018
Scheduled Sub-Project Closeout	6/1/2019

Month/Year

Useful Life (Yrs)

30 Yrs

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Hard-Surface (Non-Roadway)

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WA247	Sub-Project No. WA24701	Sub-Project Title GMIA DEICER PADS (19R)-2018
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

Prior to an aircraft departing in freezing or near-freezing weather conditions, aircraft deicing and anti-icing fluids are required to be applied to the aircraft per Federal Aviation Regulations (FAR) Section 135. In years past, air carriers would apply deicing fluids to their aircraft at or near their respective boarding gates. This practice was inefficient and often led to departure delays, particularly during peak times, leading many airports to develop centralized deicing pads for deicing operations. Having a centralized deicing pad in close proximity to the departure runway allows for a safer and more efficient throughput of aircraft, and allows for more efficient collection of the used deicing fluid from the pavement surface. Recovery of spent deicing fluids is a requirement of General Mitchell International Airport's Storm Water Discharge Permit, issued by the Wisconsin Department of Natural Resources (WDNR). Financing is provided by \$3,357,670 in Federal Aviation Administration (FAA) Airport Improvement Program (AIP) funding, \$559,612 in State funding and \$559,611 in Passenger Facility Charge (PFC) cash.

2018 Sub-Project Scope of Work:

The project scope consists of planning and design of a new concrete deicing pad and associated infrastructure at the 19R approach end of Runway 1L-19R at General Mitchell International Airport. The deicing pad shall have four aircraft parking positions with appropriate space for deicing vehicles to operate. The deicing pad pavement shall have drainage infrastructure to capture and collect aircraft deicing fluid for storage and proper disposal. The 2018 scope of the project includes the design of appropriate storm water management devices sized appropriately to comply with the regulations.

2019-2022 Sub-Project Scope of Work:

Construction and commissioning of a new concrete deicing pad and associated infrastructure at the 19R approach end of Runway 1L-19R. See capital project WA23401 in the 5-Year Capital Improvement Plan section.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$4,476,893	\$3,357,670	\$559,612	\$0	\$559,611
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$4,476,893	\$3,357,670	\$559,612	\$0	\$559,611

2018 Budget Year Financing

Federal, State & Local Aid	\$3,917,282	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$559,611
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$4,476,893		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$0	\$4,476,893	\$0	\$4,476,893
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$4,476,893	\$0	\$4,476,893

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	6/1/2018
Complete Final Plans & Specs	12/31/2018
Begin Construction/Purchase Asset	5/1/2019
Construction Substantially Completed	10/1/2020
Scheduled Sub-Project Closeout	12/31/2021

Month/Year

Useful Life (Yrs)

30 Yrs

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Hard-Surface (Non-Roadway)

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WA248	Sub-Project No. WA24801	Sub-Project Title LJT PAVEMENT REPLACEMENT
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

Airfield pavements at Lawrence J. Timmerman Airport (LJT) are required to comply with Federal Aviation Administration (FAA) standards. As required by FAA, the Wisconsin Bureau of Aeronautics, in conjunction with Milwaukee County's Airport Engineering office, has developed an Airport Pavement Management Program (PMP). The PMP includes a complete survey of airfield pavements every three years and scores pavement areas by assigning a pavement condition index (PCI). The pavements identified in the scope of this sub-project follows the PMP in addressing the pavements with the lowest PCI score. Financing is provided from \$207,541 Federal Aviation Administration (FAA) General Aviation Airport Improvement Program (AIP) funding, \$11,530 in State funding and \$11,530 in contributions from the Capital Improvement Reserve Account (CIRA).

2018 Sub-Project Scope of Work:

Taxiway C at Lawrence J. Timmerman (LJT) Airport will be resurfaced with asphalt pavement. Included in the work is approximately 13,000 S.Y. of 2" surface mill and replacement of hot mix asphalt pavement, pavement markings and site landscape restoration. With respect to sustainability/energy efficiency, this project will have requirements to recycle the removed asphalt pavement millings.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$230,601	\$207,541	\$11,530	\$0	\$11,530
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$230,601	\$207,541	\$11,530	\$0	\$11,530

2018 Budget Year Financing

Federal, State & Local Aid	\$219,071	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$11,530	Other Revenue	\$0
Total Budget Year Financing	\$230,601		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$26,635	\$0	\$26,635
Construction & Implementation	\$0	\$203,966	\$0	\$203,966
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$230,601	\$0	\$230,601

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	3/1/2018
Complete Final Plans & Specs	6/1/2018
Begin Construction/Purchase Asset	7/1/2018
Construction Substantially Completed	11/1/2018
Scheduled Sub-Project Closeout	5/1/2019

Useful Life (Yrs)

15 Yrs

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Hard-Surface (Non-Roadway)

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WA251	Sub-Project No. WA25101	Sub-Project Title GMIA AIRFIELD DRAINAGE IMPROVEMENTS-2018 (STUDY)
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

Much of the airfield drainage and storm sewer infrastructure is 60 years old or more. Much of the original storm sewer pipe lengths are Corrugated Metal Pipe (CMP), which has a design life of approximately 40 years. There has been isolated locations where storm sewer pipe has collapsed and immediate repairs were required. Without a comprehensive inspection and assessment of the existing storm drainage system, planning for replacement becomes impossible. Repair of failed storm drainage system components is reactionary, and inefficient. Financing is provided by \$82,203 in Federal Aviation Administration (FAA) Airport Improvement Program (AIP) funding, \$13,700 in State funding and \$13,700 in Airport Development Funding (ADF) reserve.

2018 Sub-Project Scope of Work:

Project consists of a comprehensive assessment of the airfield storm water drainage infrastructure condition, and recommendations for storm drainage system preventative maintenance, rehabilitation and replacement as necessary. Study will recommend a priority and timeline for drainage system improvements to be used for future capital project planning. With respect to sustainability/energy efficiency, this project will give an accurate assessment of the storm water drainage systems, and ultimately result in water quality improvements through proper maintenance and replacement of storm water infrastructure components.

2019-2022 Sub-Project Scope of Work:

Future capital and maintenance projects for the airfield drainage systems will be requested in subsequent years based on the recommendations of this study. See capital project WA25001 in the 5-Year Capital Improvement Plan section.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$109,603	\$82,203	\$13,700	\$0	\$13,700
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$109,603	\$82,203	\$13,700	\$0	\$13,700

2018 Budget Year Financing

Federal, State & Local Aid	\$95,903	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$13,700	Other Revenue	\$0
Total Budget Year Financing		\$109,603	

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$0	\$109,603	\$0	\$109,603
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$109,603	\$0	\$109,603

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	3/1/2018
Complete Final Plans & Specs	12/31/2018
Begin Construction/Purchase Asset	4/1/2019
Construction Substantially Completed	10/1/2019
Scheduled Sub-Project Closeout	12/31/2019

Useful Life (Yrs)

20 Yrs

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Other Capital

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WA252	Sub-Project No. WA25201	Sub-Project Title GMIA MKE BUSINESS PARK ELECTRICAL INFRASTRUCTURE
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

The MKE Business Park (formerly the United States Air Force 440th Airlift Wing base) came under Milwaukee County ownership in 2010. The electrical distribution grid within the MKE Business Park is also under Milwaukee County ownership, and serves approximately 60 separate buildings within the campus with electrical power. Many of the key components of the electrical distribution system such as transformers, power poles and conductors are over 60 years old, and are reaching the end of their useful life. Replacement parts for some of the electrical equipment are no longer available. Financing is provided by Airport Development Fund Depreciated (ADFD) reserve.

2018 Sub-Project Scope of Work:

Removal and replacement of the electrical power distribution network within the MKE Business Park. Project scope includes the replacement of the main electrical gear and overhead cables. The proposed electrical distribution cables will be in underground duct packages. Project also includes replacement of distribution transformers, electrical manholes, cabling, and associated restoration. With respect to sustainability/energy efficiency, this project upgrades critical electrical system infrastructure that will result in better energy efficiency.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$2,815,004	\$0	\$0	\$0	\$2,815,004
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,815,004	\$0	\$0	\$0	\$2,815,004

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$2,815,004	Other Revenue	\$0
Total Budget Year Financing	\$2,815,004		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$0	\$311,995	\$0	\$311,995
Construction & Implementation	\$0	\$2,503,009	\$0	\$2,503,009
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$2,815,004	\$0	\$2,815,004

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	4/1/2018
Complete Final Plans & Specs	1/6/1900
Begin Construction/Purchase Asset	8/1/2018
Construction Substantially Completed	8/1/2019
Scheduled Sub-Project Closeout	12/31/2019

Useful Life (Yrs)

20 Yrs

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility Rehab or Major Maint

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WA253	Sub-Project No. WA25301	Sub-Project Title GMIA OPERATIONS CONTROL CENTER
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

The existing Airport Operations Control Center (AOCC) and Emergency Operations Center (EOC) at General Mitchell International Airport (GMIA) are both located in the terminal building mezzanine level. This location is undesirable for these types of critical operational uses due to the vulnerability of being in a location that is affected by an emergency in the terminal complex. The relocation of the AOCC and the EOC will allow airport operations coordination to be located outside of a hot zone or an area that is affected by an emergency within the terminal area. This new location at Building 220 at the MKE Business Park will ensure growth of the AOCC and EOC and be co-located with other essential departments as recommended by the Department of Homeland Security. Financing is provided by \$157,251 in Federal Aviation Administration (FAA) Airport Improvement Program (AIP) funding, \$26,209 in State funding and \$26,209 in Passenger Facility Charge (PFC) cash.

2018 Sub-Project Scope of Work:

The scope of work consists of planning and design of a new Airport Operations Control Center (AOCC) at General Mitchell International Airport to be located in an existing building at the MKE Business Park. The existing AOCC is located in the airport terminal building. The planning and design scope will be for interior space planning, equipment specification and supporting electrical and communications infrastructure design.

2019-2022 Sub-Project Scope of Work:

Construction testing and commissioning of a new AOCC. The construction phase is estimated for 2019 at \$1,435,000 funded by 75% Federal Aviation Administration (FAA) Airport Improvement Program (AIP) funding, 12.5% State, and 12.5% in Passenger Facility Charge (PFC) cash.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$209,669	\$157,251	\$26,209	\$0	\$26,209
2019	\$1,435,000	\$1,076,250	\$179,375	\$0	\$179,375
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,644,669	\$1,233,501	\$205,584	\$0	\$205,584

2018 Budget Year Financing

Federal, State & Local Aid	\$183,460	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$26,209
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing		\$209,669	

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$0	\$209,669	\$0	\$209,669
Construction & Implementation	\$0	\$0	\$1,435,000	\$1,435,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$209,669	\$1,435,000	\$1,644,669

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	7/1/2018
Complete Final Plans & Specs	12/31/2018
Begin Construction/Purchase Asset	2/1/2019
Construction Substantially Completed	9/1/2019
Scheduled Sub-Project Closeout	3/1/2020

Useful Life (Yrs)
20 Yrs

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility New Construction, Alteration, or Expansion

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WA254	Sub-Project No. WA25401	Sub-Project Title GMIA PARKING LOT PAVEMENT REPLACEMENT-2018
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

The existing parking lots at General Mitchell International Airport (GMIA) are in fair to poor condition. These lots serve as overflow and discount parking for airport customers, and are a vital component to the overall parking operation. Parking operations at GMIA are the largest source of revenue for the airport. Financing is provided by Capital Improvement Reserve Account (CIRA).

2018 Sub-Project Scope of Work:

The scope of work consists of design and resurfacing of part of a public parking lot at General Mitchell International Airport. Included in the project scope is the replacement of the airport shuttle bus shelters located within the lot. Pavement resurfacing will be mill and overlay of existing asphalt pavement. Project scope includes replacement of pavement base course as necessary. With respect to sustainability/energy efficiency, this project upgrades the shuttle bus shelters to more energy-efficient models.

2019-2022 Sub-Project Scope of Work:

Future years' projects will have similar scope as described above. Lighting replacement will be included in future project scopes. See capital project WA25801 in the 5-year Capital Improvement Plan.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$261,420	\$0	\$0	\$0	\$261,420
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$261,420	\$0	\$0	\$0	\$261,420

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$261,420	Other Revenue	\$0
Total Budget Year Financing		\$261,420	

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$30,037	\$0	\$30,037
Construction & Implementation	\$0	\$231,383	\$0	\$231,383
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$261,420	\$0	\$261,420

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	3/1/2018
Complete Final Plans & Specs	6/1/2018
Begin Construction/Purchase Asset	8/1/2018
Construction Substantially Completed	11/1/2018
Scheduled Sub-Project Closeout	6/1/2019

Useful Life (Yrs)

15 Yrs

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Hard-Surface (Non-Roadway)

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WA260	Sub-Project No. WA26001	Sub-Project Title GMIA PARKING STRUCTURE REPAIRS-2018
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

This sub-project addresses a need for General Mitchell International Airport (GMIA) to maintain the large structural elements of its parking structure. Over time, the parking structure floors, stairwells, elevators, pedestrian walks and other infrastructure deteriorate due to normal use and the dirt, vehicle exhaust and deicer salts brought in by vehicles. It is imperative to conduct ongoing maintenance and recommended replacement of key components such as expansion joints, floor membrane material, concrete, and drainage systems to avoid significantly higher capital costs in the future. Financing is provided from the Capital Improvement Reserve Account (CIRA).

2018 Sub-Project Scope of Work:

The 2018 parking structure repairs will address structural deterioration of four of the twelve stairwells within the structure. Replacement of some of the steel stair elements, structural pans, concrete, steel door jambs, welding, and placing a high performance coating on all affected steel areas. Exterior cracks and spalling just outside the stairwells will be addressed as well. With respect to sustainability and energy efficiency, the contractor will be recycling steel and concrete waste that may be produced on site.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$900,272	\$0	\$0	\$0	\$900,272
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$900,272	\$0	\$0	\$0	\$900,272

2018 Budget Year Financing			
Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$900,272	Other Revenue	\$0
Total Budget Year Financing	\$900,272		

Capital Sub-Project Breakdown (2013 - 2022)				
SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$100,869	\$0	\$100,869
Construction & Implementation	\$0	\$799,403	\$0	\$799,403
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$900,272	\$0	\$900,272

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	2/1/2018
Complete Final Plans & Specs	6/1/2018
Begin Construction/Purchase Asset	7/1/2018
Construction Substantially Completed	11/1/2018
Scheduled Sub-Project Closeout	12/1/2018

Useful Life (Yrs)
25 Yrs

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Traffic, Roadways, & Bridges (Airport)

SECTION 4
PARKS

THIS PAGE INTENTIONALLY
LEFT BLANK.

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WP512	Sub-Project No. WP51201	Sub-Project Title MCKINLEY MARINA PARKING LOTS
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

The Department of Administrative Services – Facilities Management – Architecture & Engineering section performs pavement ratings for County parking lots including evaluation of traffic volume, condition of pavement, overall riding comfort and drainage conditions and recommends the highest priority project for funding. The asphalt condition assessment rating for the McKinley Marina Parking Lots is 20/100, indicating the need for reconstruction of this parking lot. In recent years, the Department of Parks, Recreation, and Culture (Parks) has made incremental improvements to the McKinley Roundhouse with capital, major maintenance, and operating funds. These improvements have increased the popularity of this facility over the past 10-years. In 2015, Parks completed a Master Planning process for the parking lot and greater marina area. The planning effort identified several discreet areas that could be rebuilt in a phased strategy over several years without significantly affecting marina operations or the other sections of the lot. Parks is looking to replace the severely deteriorated parking lot to complement recent investment in the facility. The project will also address improvements to internal circulation and parking lot infrastructure such as lighting and stormwater drainage system. The plans include methods to improve near shore water quality utilizing green infrastructure and stormwater best management practices.

2018 Sub-Project Scope of Work:

The scope of the project includes replacing the parking lot at McKinley Marina (North Marina Parking Lot - Phase 1) and access improvements including the construction of new storm water best management practices. This also includes the gatehouse, fencing for the storage area, and the intersection improvements at Lincoln Memorial Drive and all underground utilities. With respect to Sustainability and Energy Efficiency, Lighting will be replaced with LED fixtures. Asphaltic concrete mixes used for surface course and binder course may contain salvaged or reclaimed asphaltic material. Crushed gravel base course may include crushed stone, crushed gravel, crushed concrete, reclaimed asphaltic pavement, reprocessed material or blended material.

2019-2022 Sub-Project Scope of Work:

The anticipated scope of work for years 2019 - 2020 include phases 2 -3 of McKinley Marina North Parking Lot replacement and construction of new storm water best management practices. These years also include construction of a fish cleaning station, bike racks, site signage, dumpster enclosure, boat launch, and a boat wash. The anticipated scope of work for years 2021 - 2022 include construction of additional parking at Lincoln Memorial, a new Beach House and Restroom and Breakwater Amenity. Please refer to the McKinley Marina Parking Lots Placeholder Project-WP55801 in the 5-Year Capital Improvement Plan section.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$2,141,305	\$0	\$0	\$0	\$2,141,305
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,141,305	\$0	\$0	\$0	\$2,141,305

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$2,141,305	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$2,141,305		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$365,000	\$171,598	\$0	\$536,598
Construction & Implementation	\$0	\$1,969,707	\$0	\$1,969,707
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$365,000	\$2,141,305	\$0	\$2,506,305

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	1/1/2018
Complete Final Plans & Specs	1/15/2018
Begin Construction/Purchase Asset	3/15/2018
Construction Substantially Completed	11/1/2018
Scheduled Sub-Project Closeout	6/1/2019

Useful Life (Yrs)

20 Yrs

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Hard Surface (Non-Roadway)

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WP544	Sub-Project No. WP54401	Sub-Project Title MCCARTY ELECTRICAL SERVICE REPLACEMENT
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

The electrical service at McCarty Park is antiquated and deficient. The park has two primary, high voltage services, one at the pool building and one at the baseball restroom building. This equipment is original to construction of the buildings. These services are similar to the former electrical service at the courthouse in that high voltage gear is challenging to maintain. The service is beyond its useful life and replacement parts would be difficult to obtain to restore power in a timely manner. The high voltage service is rated critical and potentially critical, unreliable, and a safety hazard.

2018 Sub-Project Scope of Work:

The scope of work is to include replacing high voltage feeders with the new WE-Energy services, upgrade the electrical system which includes electrical panels, switches, baseball field lightings, cables, etc. With respect to sustainability, new equipment will incorporate energy efficient and sustainable design as allowed by the building code for this installation.

2019-2022 Sub-Project Scope of Work:

The scope 2019 of work includes construction of the electrical system upgrade.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$118,574	\$0	\$0	\$0	\$118,574
2019	\$918,475	\$0	\$0	\$0	\$918,475
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,037,049	\$0	\$0	\$0	\$1,037,049

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$118,574	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$118,574		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$118,574	\$0	\$118,574
Construction & Implementation	\$0	\$0	\$918,475	\$918,475
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$118,574	\$918,475	\$1,037,049

Sub-Project Schedule

Month/Year

Complete Site Acquisition	N/A
Complete Preliminary Plan	3/1/2018
Complete Final Plans & Specs	5/1/2018
Begin Construction/Purchase Asset	7/1/2018
Construction Substantially Completed	10/1/2018
Scheduled Sub-Project Closeout	12/31/2018

Useful Life (Yrs)

20 Yrs

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Other Capital

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WP552	Sub-Project No. WP55201	Sub-Project Title FRANKLIN PARK RYAN CREEK BRIDGE REPLACEMENT
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

The snowmobile/pedestrian bridge at Franklin Park is in poor deteriorated condition and is considered structurally deficient. As a result, it is no longer safe to use. Although its age is unknown, the use of recycled electrical poles placed with a wood deck and low wood curb section for its construction is characteristic of similar structures installed in the Park System in the 1960's. The bridge is situated within a wetland and has been exposed to wet conditions on a regular basis. As a result, there is now an extensive amount of rot within the support structure and decking. The corrosive effect of moisture on the replacement bridge will be minimized through relocation to an area where the bridge approaches will be out of the wetland, and five feet higher than the normal Ryan Creek water level. In addition, a narrow section of river channel will be identified for bridge replacement to reduce the negative impact on the Ryan Creek. The proposed type of prefabricated bridge has been approved by the DNR for other locations throughout the state. The replacement of the bridge is presently under design by a consultant. The Department of Parks, Recreation, & Culture will pursue a Wisconsin Department of Natural Resources Outdoor Motorized Recreational Trail Aids grant to finance the replacement bridge in 2018.

2018 Sub-Project Scope of Work:

A replacement bridge for the snowmobile/pedestrian bridge at Franklin Park is currently under design by a consultant contracted to provide construction documents to construct a prefabricated bridge. In 2018 the project will be bid and constructed. The replacement bridge will be prefabricated and transported to the site for installation. Installation will include clearing and grading to allow setting the bridge in place and revegetation where required. With respect to Sustainability and Energy Efficiency, materials from the old bridge will be recycled to the extent possible.

The construction phase shall not commence until the County has secured the grant award(s) to finance 100% of construction costs.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$136,503	\$0	\$136,503	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$136,503	\$0	\$136,503	\$0	\$0

2018 Budget Year Financing

Federal, State & Local Aid	\$136,503	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing		\$136,503	

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$12,126	\$0	\$12,126
Construction & Implementation	\$0	\$124,377	\$0	\$124,377
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$136,503	\$0	\$136,503

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	12/1/2017
Complete Final Plans & Specs	4/1/2018
Begin Construction/Purchase Asset	9/1/2018
Construction Substantially Completed	11/1/2018
Scheduled Sub-Project Closeout	12/1/2018

Useful Life (Yrs)
30 Yrs

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Other Capital

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WP553	Sub-Project No. WP55301	Sub-Project Title MITCHELL PARK CONSERVATORY PLANNING
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

The Mitchell Park Conservatory (The Domes) is currently the subject of a planning effort to determine the most sound approach for long-term success and sustainability of this cultural asset. To maintain the momentum of the repair work, stainless steel mesh installation, and planning work to date, it is imperative that funds be allocated to complete the final recommendations and necessary public outreach on this topic.

2018 Sub-Project Scope of Work:

The scope of this project includes continuation of the Feasibility study for the current Conservatory (phase III). The options for Conservatory programming will be detailed with actual space allocation requirements and full cost estimates so that a reliable future budget process can be outlined. With respect to sustainability, planning for any future replacement or restoration will include new equipment, new materials specified and new building systems including MEP & HVAC systems that include and incorporate energy efficient and sustainable design as allowed by the building code for this installation.

2019-2022 Sub-Project Scope of Work:

The design and planning for the Task Force recommended future Conservatory and the phased construction of repairs and/or new construction (see capital project WP55901 in the 5-year Capital Improvement Plan). While replacement costs may exceed \$60 million, it is too early in the conceptual planning stages to project construction costs.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$320,000	\$0	\$0	\$0	\$320,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$320,000	\$0	\$0	\$0	\$320,000

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$320,000	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing		\$320,000	

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$320,000	\$0	\$320,000
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$320,000	\$0	\$320,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	6/1/2020
Complete Final Plans & Specs	12/1/2020
Begin Construction/Purchase Asset	4/1/2021
Construction Substantially Completed	12/1/2025
Scheduled Sub-Project Closeout	3/1/2026

Month/Year

Useful Life (Yrs)

50 years

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Other Capital

SECTION 5
MILWAUKEE PUBLIC MUSEUM

THIS PAGE INTENTIONALLY
LEFT BLANK.

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WM039	Sub-Project No. WM03901	Sub-Project Title MPM FIRE PANEL REPLACEMENT
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

The Simplex fire panels and service points need to be replaced and upgraded. The existing system is faulty and has major false alarms and evacuations as a result. System is outdated and lacks programming versatility. Replacement parts and troubleshooting problems is becoming more difficult over time. This impacts the entire building.

2018 Sub-Project Scope of Work:

The scope of work includes upgrades and replacement to the outdated Simplex fire alarm system. This includes the main panel, smoke and heat detectors, and alarms that have both visual and audio alerts. With respect to sustainability, new equipment will incorporate energy efficient and sustainable design as allowed by the building code for this installation.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$2,716,341	\$0	\$0	\$0	\$2,716,341
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,716,341	\$0	\$0	\$0	\$2,716,341

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$2,716,341	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$2,716,341		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$425,466	\$0	\$425,466
Construction & Implementation	\$0	\$2,290,875	\$0	\$2,290,875
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$2,716,341	\$0	\$2,716,341

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	4/1/2018
Complete Final Plans & Specs	6/1/2018
Begin Construction/Purchase Asset	8/1/2018
Construction Substantially Completed	4/1/2019
Scheduled Sub-Project Closeout	7/1/2019

Useful Life (Yrs)

30 Yrs

Requesting Department or Agency:

Milwaukee Public Museum

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Other Capital

THIS PAGE INTENTIONALLY
LEFT BLANK.

SECTION 6
COURTHOUSE COMPLEX

THIS PAGE INTENTIONALLY
LEFT BLANK.

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WC150	Sub-Project No. WC15001	Sub-Project Title COGGS FIRE ALARM SYSTEM REPLACEMENT
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

The existing Fire Alarm System in the Coggs building is separated into 2 areas. The older area that covers the basements and penthouses is a Johnson Controls (JC) system and may be as old as the time of conversion from the department store. The newer area that covers floors 1, 2 and 3 is Simplex Grinnell (SG) system, which was last updated in the late 1990's, and is at or near its 20 year life expectancy. Currently, the older JC system panels have failed and will be replaced (2017) with the intent that the repairs are temporary until the entire system can be replaced.

2018 Sub-Project Scope of Work:

This project will replace completely the existing Fire Alarm System in the Coggs building. The system will serve the entire building including the basements, penthouses and floors 1, 2 and 3. The scope of work includes replacement of the existing obsolete systems with an alarm system employing state of the art technology that includes the main panel, pull stations, sensor heads, annunciator panel and cables to meet the current building CODES. With respect to sustainability, new equipment and materials used will incorporate energy efficient and sustainable design as allowed by the building code for this installation.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$181,312	\$0	\$0	\$0	\$181,312
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$181,312	\$0	\$0	\$0	\$181,312

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$181,312	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$181,312		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$29,365	\$0	\$29,365
Construction & Implementation	\$0	\$151,947	\$0	\$151,947
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$181,312	\$0	\$181,312

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	4/15/2017
Complete Preliminary Plan	4/24/2017
Complete Final Plans & Specs	3/15/2018
Begin Construction/Purchase Asset	5/1/2018
Construction Substantially Completed	8/15/2018
Scheduled Sub-Project Closeout	10/1/2018

Month/Year

Useful Life (Yrs)

20 Yrs

Requesting Department or Agency:

Dept of Admin Services - Fclty Mngmnt -Maint Section

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Facility Rehab or Major Maint

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WC154	Sub-Project No. WC15401	Sub-Project Title CJF PUBLIC ELEVATORS 1 AND 2 UPGRADE
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

Public elevators 1& 2 in the CJF are 24 years old and original to the 1992 construction of the facility. These elevators are the only two public cars and are subject to repeated maintenance and nuisance breakdowns. The elevators are hydraulic, requiring the use of hydraulic fluid and the associated pump and cylinder system to lift the cab. Their high frequency use creates a significant heat build-up in the mechanical room, resulting in a shorter life span of the elevator controls. Modernization to traction elevators run on cables and counter weights would provide for more dependable operation as well as significant energy savings. The elevators are at their 20 to 30 year life expectancy and have been recommended to be replaced.

The 2017 Adopted Capital Budget included an appropriation of \$75,000 for the planning and design phase related to the conversion of two Criminal Justice Facility (CJF) public elevators from hydraulic to traction.

2018 Sub-Project Scope of Work:

The scope of work includes installation of new elevator equipment that incorporates an energy efficient and sustainable design as allowed by the building code for this installation. More specifically, removal of existing elevator equipment and installation of a new MRL traction elevator within the existing hoistway enclosure will be performed.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$794,420	\$0	\$0	\$0	\$794,420
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$794,420	\$0	\$0	\$0	\$794,420

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$794,420	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$794,420		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$75,000	\$57,776	\$0	\$132,776
Construction & Implementation	\$0	\$736,644	\$0	\$736,644
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$75,000	\$794,420	\$0	\$869,420

Sub-Project Schedule	Month/Year
Complete Site Acquisition	2/15/2017
Complete Preliminary Plan	4/1/2017
Complete Final Plans & Specs	6/15/2017
Begin Construction/Purchase Asset	3/15/2018
Construction Substantially Completed	10/30/2018
Scheduled Sub-Project Closeout	12/25/2018

Useful Life (Yrs)

20 Yrs

Requesting Department or Agency:

Dept of Admin Services - Fclty Mngmnt -Maint Section

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Facility Rehab or Major Maint

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WC164	Sub-Project No. WC16401	Sub-Project Title SAFETY BUILDING ELEVATOR MODERNIZATION (CARS 3,4, & 6)
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

The Safety Building Passenger Elevators were installed in the 1960's, are past their useful life and are in need of modernization. Repeated repairs and trouble-shooting efforts are costly and time consuming. The cars experience breakdowns monthly. Proper and safe operation for the public requires full modernization. Elevators #3 and #4 are the southern pair of cars in the public bank that land in the basement of the Safety Building in the MacArthur Square entrance. Elevator number 6 is the passenger car that is used by the Sheriff's Department for the majority of inmate transfer from the Jail to Court appearances. The updating of these three elevators would allow for a reliable set of elevator transport in the Safety Building.

2018 Sub-Project Scope of Work:

The scope of work includes modernization of elevators (3, 4 and 6) and includes planning, design and construction of existing HVAC, mechanical, structural, electrical and related system for each elevator to meet the current code and ADA compliance. New equipment will incorporate energy efficient and sustainable design as allowed by the building code for this installation.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$1,181,031	\$0	\$0	\$0	\$1,181,031
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,181,031	\$0	\$0	\$0	\$1,181,031

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$1,181,031	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$1,181,031		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adotped	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$185,573	\$0	\$185,573
Construction & Implementation	\$0	\$995,458	\$0	\$995,458
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$1,181,031	\$0	\$1,181,031

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	4/1/2016
Complete Preliminary Plan	4/1/2016
Complete Final Plans & Specs	4/15/2018
Begin Construction/Purchase Asset	6/15/2018
Construction Substantially Completed	2/15/2019
Scheduled Sub-Project Closeout	4/15/2019

Useful Life (Yrs)

20 Yrs

Requesting Department or Agency:

Dept of Admin Services - Fclty Mngmnt -Maint Section

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Facility Rehab or Major Maint

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WC166	Sub-Project No. WC16601	Sub-Project Title SLAB REPLACEMENT MPM/PIONEER VILLAGE AREA
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

In 1976, the City of Milwaukee (City) granted a permanent easement to Milwaukee County (County) for property adjacent to, and northeast of, the Milwaukee Public Museum (MPM). The easement was provided to allow for MPM to accommodate future construction of Space Center. The City owns the property. The County has rights to use the area via easement documents. The voided concrete slab at that location was designed for indoor use and installed when the MPM was constructed. Space Center was never constructed, and because the slab has been exposed to the elements since its construction, the slab is in need of replacement. Because the slab is located over the exit ramp for the Kilbourn Tunnel and the Macarthur Square parking structure, there is a potential safety hazard if the slab fails. The City and County will share in the costs for replacement of the slab (see County Board resolution 17-427). A structural engineering consultant hired by the City has inspected the voided concrete slab and provided a report on June 8, 2015, that recommended replacement of the voided concrete slab. Upon further investigation, it has been determined that the voided slab extends approximately ten feet under the museum lunch room used for school groups.

2018 Sub-Project Scope of Work:

The scope of work includes replacement of the voided concrete slab area over Kilbourn Tunnel (exit ramp) and the Macarthur Square parking structure, including a slab portion extending approximately ten feet under the MPM group lunch area. The slab section under the lunch area will also require reconstruction of that portion of the room. Replacement includes reinforced concrete slab and drainage improvements, compatible with installation in exposed conditions. Design of the replacement slab will meet the County's needs for light parking or occupied outdoor space. The City (project lead) and County will split, 50%/50%, voided concrete slab replacement costs and related MPM lunch room impact costs. Project cost is estimated at \$2.6M, with County reimbursement to the City 50% (\$1.3M). With respect to sustainability/energy efficiency, the new concrete slab may include recycled aggregate/concrete and the storefront doors to the museum lunch room will be salvaged and re-used.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$1,301,347	\$0	\$0	\$0	\$1,301,347
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,301,347	\$0	\$0	\$0	\$1,301,347

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$1,301,347	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$1,301,347		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$0	\$204,373	\$0	\$204,373
Construction & Implementation	\$0	\$1,096,974	\$0	\$1,096,974
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$1,301,347	\$0	\$1,301,347

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	6/1/2017
Complete Final Plans & Specs	12/31/2017
Begin Construction/Purchase Asset	6/1/2018
Construction Substantially Completed	9/30/2018
Scheduled Sub-Project Closeout	6/1/2019

Useful Life (Yrs)

50 Yrs

Requesting Department or Agency:

Dept of Admin Services - Fclty Mngmnt - AE section

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility Rehab or Major Maint

SECTION 7
HOUSE OF CORRECTIONS

THIS PAGE INTENTIONALLY
LEFT BLANK.

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WJ083	Sub-Project No. WJ08301	Sub-Project Title HOC SECURITY SYSTEM REPLACEMENT
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

Installing new upgrades to the S2/Slag secure mechanical door locking system. It was installed in 1998, and it is becoming out of date with obsolete parts. Also, needed expansion is not available without upgrades. The VFA report (s68) indicated replacement would likely be required in December 2017.

2018 Sub-Project Scope of Work:

The scope of work includes upgrading the existing S2 Access Control system and hardware. This includes upgrading the Guard Tour system and hardware and implementing an integration interface between Guard Tour and S2 Access Control System. The scope also includes deployment of tour sensors at strategic locations, installation and configuration of software, switches, cabling, and workstations.

2019-2022 Sub-Project Scope of Work:

Although it is anticipated that the project will be completed with the 2018 budget appropriation, an additional budget appropriation may be required in 2019 should the project encounter unforeseen conditions during the 2018 project implementation.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$235,985	\$0	\$0	\$0	\$235,985
2019	\$197,015	\$0	\$0	\$0	\$197,015
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$433,000	\$0	\$0	\$0	\$433,000

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$235,985	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$235,985		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$235,985	\$197,015	\$433,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$235,985	\$197,015	\$433,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	3/15/2018
Complete Preliminary Plan	3/30/2018
Complete Final Plans & Specs	4/15/2018
Begin Construction/Purchase Asset	5/1/2018
Construction Substantially Completed	6/30/2018
Scheduled Sub-Project Closeout	7/15/2018

Month/Year

Useful Life (Yrs)

7 Yrs

Requesting Department or Agency:

House of Correction

Managing Department or Agency:

Dept of Admn Services - Information Management Services

Specialized Consultant(s) Retained:

No

Functional Group:

General Government

Capital Category:

Technology & Electronic Equipment

THIS PAGE INTENTIONALLY
LEFT BLANK.

SECTION 8
OTHER AGENCIES

THIS PAGE INTENTIONALLY
LEFT BLANK.

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WO176	Sub-Project No. WO17601	Sub-Project Title MAINFRAME RETIREMENT
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

Milwaukee County currently runs the Core Financials (Advantage), Criminal Justice Information System, SCRIPTS, miscellaneous small applications, and houses archived data on an unsustainable mainframe environment. To reduce the risk of failure of any of these systems or access to archived data, DAS-IMSD will move all applications and data off to a sustainable platform that fits the strategic direction of Milwaukee County.

A previous appropriation of \$691,500 was approved for this initiative in 2017. This project is the final phase required for mainframe retirement.

2018 Sub-Project Scope of Work:

The scope of work includes decommissioning of the mainframe including the final steps in data migration, removal of physical hardware and any non-essential Milwaukee County equipment.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$163,504	\$0	\$0	\$0	\$163,504
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$163,504	\$0	\$0	\$0	\$163,504

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$163,504	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$163,504		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$691,500	\$0	\$0	\$691,500
Construction & Implementation	\$0	\$163,504	\$0	\$163,504
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$691,500	\$163,504	\$0	\$855,004

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	4/1/2017
Complete Final Plans & Specs	6/1/2017
Begin Construction/Purchase Asset	6/1/2017
Construction Substantially Completed	4/1/2018
Scheduled Sub-Project Closeout	6/1/2018

Month/Year

Useful Life (Yrs)

3 Yrs

Requesting Department or Agency:

Dept of Admin Services - IMSD

Managing Department or Agency:

Dept of Admin Services - Information Management Services

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Technology & Electronic Equipment

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WO180	Sub-Project No. WO18001	Sub-Project Title INFORMATION TECHNOLOGY SECURITY
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

An enterprise information security program is required to ensure the security of Milwaukee County (County) information assets. The process of creating a security program requires a holistic approach for all of County. The security program provides the framework for keeping Milwaukee County at a desired security level by assessing the risks the County faces, deciding how to mitigate those risks, and planning for how to keep the program and security practices up to date.

A previous appropriation of \$1.1M was included in the 2017 adopted capital budget for the security program. In 2017, The Department of Administrative Services - Information Management Services Division (DAS-IMSD) began the design and implementation of an enterprise security program. Several core components of the program have been and will continue to be implemented through the year.

2018 Sub-Project Scope of Work:

The 2018 capital request continues the implementation and refinement of the overall security program. Once fully implemented, operation of the program moves to an operational budget model rather than a capital project.

2019-2022 Sub-Project Scope of Work:

The planned 2019 – 2022 Information Technology replacement schedule is reflected in capital project WO27901 of the 5-Year Capital Improvement Plan.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$388,200	\$0	\$0	\$0	\$388,200
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$388,200	\$0	\$0	\$0	\$388,200

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$388,200	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing		\$388,200	

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$1,140,000	\$163,200	\$0	\$1,303,200
Construction & Implementation	\$0	\$150,000	\$0	\$150,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$75,000	\$0	\$75,000
TOTAL	\$1,140,000	\$388,200	\$0	\$1,528,200

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	6/30/2017
Complete Final Plans & Specs	3/31/2018
Begin Construction/Purchase Asset	3/31/2018
Construction Substantially Completed	11/30/2018
Scheduled Sub-Project Closeout	12/31/2018

Month/Year

Useful Life (Yrs)

3-5 Yrs

Requesting Department or Agency:

Dept of Admin Services - IMSD

Managing Department or Agency:

Dept of Admn Services - Information Management Services

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Technology & Electronic Equipment

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WO602	Sub-Project No. WO60201	Sub-Project Title ENTERPRISE PLATFORM MODERNIZATION
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

Enterprise Resource Planning (ERP) is business management software consisting of a set of integrated applications to consolidate common business operations. This is the foundational piece of software that is the backbone to the following Milwaukee County (County) and Milwaukee County Transit System (Transit) functions. The current Milwaukee County and Transit systems are based on technology that is more than 30 years old and requires proprietary hardware with specialized expertise to maintain. Many hardware components of the both systems are no longer manufactured or supported by vendors. Annual software maintenance, support, and licensing costs necessary to sustain the legacy applications have been regularly increasing. In the current state, Milwaukee County has no visibility into Transit systems or data. It is the strategic direction of the County to move out of legacy systems and utilize more cost effective, integrated and modern server and web-based platforms.

Project appropriations of \$250,000 (2013), \$300,000 (2015), \$480,000 (2016), and \$8,034,125 (2017) were included in previously adopted capital budgets.

2018 Sub-Project Scope of Work:

The scope of work includes design and configuration of the financial modules, process mapping, and change management plan implementation. Data conversion will be extracted from the legacy systems, cleansed and mapped to the new system. ERP integrations will be built and testing/training will occur to financial users. Work on human resources modules will begin in preparation for 2019 implementation. Bond eligible components may change based upon planning completion, work scope within the vendor contract(s), and other work being charged to the project. Department of Administrative Services-Performance Strategy & Budget and the Comptroller Office will assess financing changes that may be required. An appropriation transfer to allocate cash from the Debt Service Reserve to the project will be submitted prior to the issuance of the 2018 bonds to modify the project's financing if the assessment determines that more cash financing is required.

2019-2022 Sub-Project Scope of Work:

The 2019 scope of work includes deployment and stabilization of the financial module and the Advantage Application will be retired. Design and configuration of the Human Resource module will be completed. Human resources data will be extracted from the legacy systems, cleansed and mapped to the new system. Integrations will be built to the new ERP. Testing and training will occur to human resource users. Human resources module will be deployed. Upon stabilization, the Ceridian system will be retired.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$5,781,106	\$0	\$0	\$0	\$5,781,106
2019	\$6,981,045	\$0	\$0	\$0	\$6,981,045
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$12,762,151	\$0	\$0	\$0	\$12,762,151

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$2,781,106	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$3,000,000	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$5,781,106		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$7,169,784	\$0	\$0	\$7,169,784
Construction & Implementation	\$0	\$5,781,106	\$6,981,045	\$12,762,151
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$1,894,341	\$0	\$0	\$1,894,341
TOTAL	\$9,064,125	\$5,781,106	\$6,981,045	\$21,826,276

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	7/1/2017
Complete Final Plans & Specs	12/31/2017
Begin Construction/Purchase Asset	8/1/2017
Construction Substantially Completed	12/31/2019
Scheduled Sub-Project Closeout	3/31/2020

Useful Life (Yrs)
7 Yrs

Requesting Department or Agency:

Dept of Admin Services - IMSD

Managing Department or Agency:

Dept of Admn Services - Information Management Services

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Technology & Electronic Equipment

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WO175	Sub-Project No. WO17501	Sub-Project Title FLEET CENTRAL GARAGE ROOF REPLACEMENT
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

A consultant report was delivered in 2016 detailing overall condition of roof. The existing roof (1970) is composed of lightweight cementitious acoustical structural roof deck with a nailed base sheet, insulation layers and coal tar pitch built-up roof system. Total roof area is approximately 219,035 square feet. The roof is at the end of its useful life and has needed frequent repairs in recent years. The 2016 report indicated that the roof is beyond repair. Documented symptoms include: severe blistering, ponding water, exposed areas of deteriorated bitumen (with cracking, bubbling and punctures in the membrane), areas of missing gravel, areas of inadequate flashing, broken roof drain covers, etc. An infrared survey identified widespread thermal anomalies, an indicator of deteriorated insulation. Water leaks into the building, and if left unaddressed, could eventually cause damage to the existing structure and building contents and equipment.

2018 Sub-Project Scope of Work:

The scope of work includes replacement of roof quadrants Q1 (roof area 1) and Q3 (roof area 3). With respect to sustainability/energy efficiency, recycled content roofing materials and low VOC sealants and adhesives will be incorporated.

2019-2022 Sub-Project Scope of Work:

The 2019 scope of work includes replacement of roof areas 2, 4, & 5.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$2,838,064	\$0	\$0	\$0	\$2,838,064
2019	\$3,311,414	\$0	\$0	\$0	\$3,311,414
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$6,149,478	\$0	\$0	\$0	\$6,149,478

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$2,838,064	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$2,838,064		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$178,695	\$0	\$178,695
Construction & Implementation	\$0	\$2,659,369	\$3,311,414	\$5,970,783
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$2,838,064	\$3,311,414	\$6,149,478

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	N/A
Complete Final Plans & Specs	N/A
Begin Construction/Purchase Asset	3/1/2018
Construction Substantially Completed	12/31/2018
Scheduled Sub-Project Closeout	2/31/2019

Month/Year

Useful Life (Yrs)

40 Yrs

Requesting Department or Agency:

Dept of Transportation - Fleet Management

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility Rehab or Major Maint

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WO198	Sub-Project No. WO19801	Sub-Project Title FUEL TRANSACTION SOFTWARE
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

The current Phoenix Plus fuel software is installed on a Windows XP PC at the Central Shop. The software is at the end of life and is no longer supported. It tracks over 41,000 fuel transactions per year for the 1,028 County-owned vehicles. The current desktop version of the Fleet Focus software is more than 10 versions behind. This software is used to track repair and maintenance of County vehicles used by Fleet, MCDOT Director's Office, Highway, Transportation Services, IMSD, GMIA, BHD, DHHS, OEM, ME, Sheriff, Parks, District Attorney, Zoo, and Facilities. The hosted version of the Fleet Focus software includes additional functionality and advanced reporting features including dashboards. This request is to upgrade the AssetWorks Fleet Focus software to the latest hosted version and add their Fuel Focus module. This project will bring the fuel, repair, and maintenance of County vehicles under one umbrella. In addition, it will eliminate the manual process of importing fuel transactions and improve tracking and reporting on key performance indicators (KPIs).

2018 Sub-Project Scope of Work:

The scope of work includes upgrading the Fleet Focus system to a hosted environment and add the Fuel Focus module to the suite. The project includes upgrading the Fleet Focus maintenance software at the Central Shop, North Shop, GMIA, and House of Corrections. It also includes implementing the Fuel Focus fueling software and replacing the fuel system controllers and key fobs at the Central Shop, North Shop, GMIA, and Timmerman. Fleet Focus maintenance software upgrades will be done at all locations, while the Fuel Focus fueling upgrade will only be done at the Central Shop and North Shop. GMIA will separately request funding for the fuel system upgrade at GMIA and Timmerman.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$261,861	\$0	\$0	\$0	\$261,861
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$261,861	\$0	\$0	\$0	\$261,861

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$261,861	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$261,861		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$261,861	\$0	\$261,861
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$261,861	\$0	\$261,861

Sub-Project Schedule

Month/Year

Complete Site Acquisition	1/1/2018
Complete Preliminary Plan	2/1/2018
Complete Final Plans & Specs	3/1/2018
Begin Construction/Purchase Asset	5/1/2018
Construction Substantially Completed	8/1/2018
Scheduled Sub-Project Closeout	9/1/2018

Useful Life (Yrs)

10 Yrs

Requesting Department or Agency:

Dept of Transportation - Fleet Management

Managing Department or Agency:

Dept of Admn Services - Information Management Services

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Technology & Electronic Equipment

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WO311	Sub-Project No. WO31101	Sub-Project Title FLEET GENERAL EQUIPMENT-2018
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

General vehicle and equipment replacement. Debt for equipment acquisitions will be included in the County's short-term debt issues for vehicles and attachments. The actual costs, including interest paid, will be charged to user departments which is a continuation of the practice adopted in the 2010 Budget. User 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. User departments will not be allowed to keep vehicles or equipment that would exceed their established allotment. This project is primarily for Highway, District Attorney, Behavioral Health, Facilities, Medical Examiner and the Zoo.

2018 Sub-Project Scope of Work:

This is an ongoing project to replace equipment at the end of its useful life. A detailed list of equipment to be replaced is included on the following page. Due to fiscal constraints, the Fleet Manager is authorized to reallocate resources between this project and WO31201 – Sheriff Fleet Equipment, WO31301 House of Correction Fleet Equipment, and WO31401 – Parks Fleet Equipment, to replace the highest need equipment. Any changes to the aforementioned Fleet Equipment replacement plans shall be approved by the County Board.

2019-2022 Sub-Project Scope of Work:

This is an ongoing project to replace equipment at the end of its useful life. Out-Years (2019 - 2022) general vehicles and equipment is included in capital project WO31501.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$3,233,486	\$0	\$0	\$0	\$3,233,486
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$3,233,486	\$0	\$0	\$0	\$3,233,486

2018 Budget Year Financing			
Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$3,233,486	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$3,233,486		

Capital Sub-Project Breakdown (2013 - 2022)				
SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$3,233,486	\$0	\$3,233,486
TOTAL	\$0	\$3,233,486	\$0	\$3,233,486

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	
Complete Final Plans & Specs	
Begin Construction/Purchase Asset	
Construction Substantially Completed	
Scheduled Sub-Project Closeout	12/31/2018

Useful Life (Yrs)
4 / 7 / 12 Yrs

Requesting Department or Agency:

Dept of Transportation - Fleet Management

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

No

Functional Group:

Transportation and Public Works

Capital Category:

Vehicles & Equipment

**2018 ADOPTED CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY**

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL BUDGET
HIGHWAY								
1	101541	7	High	5150	Highway - Special Maint	2004	Pickup Truck 4x4 w/ Utility Body	\$ 38,000
2	102432	7	High	5155	Highway - Sign and Paint	2003	Pickup Truck 4x4	\$ 32,000
3	102483	7	High	5140	Highway - Patrol Section 4	2009	Pickup Truck 4x4	\$ 33,000
4	102533	7	High	5110	Highway - Patrol Section 1	2011	Pickup Truck 4x4	\$ 33,000
5	102534	7	High	5140	Highway - Patrol Section 4	2011	Pickup Truck 4x4	\$ 33,000
6	102535	7	High	5120	Highway - Patrol Section 2	2011	Pickup Truck 4x4	\$ 33,000
7	102536	7	High	5160	Highway - Patrol Section 3	2011	Pickup Truck 4x4	\$ 33,000
8	102537	7	High	5160	Highway - Patrol Section 3	2011	Pickup Truck 4x4	\$ 33,000
9	102538	7	High	5120	Highway - Patrol Section 2	2011	Pickup Truck 4x4	\$ 33,000
10	102539	7	High	5150	Highway - Special Maint	2011	Pickup Truck 4x4	\$ 33,000
11	102540	7	High	5110	Highway - Patrol Section 1	2011	Pickup Truck 4x4	\$ 33,000
12	208104	12	High	5160	Highway - Patrol Section 3	2003	Front End Loader	\$ 250,000
13	106524	12	High	5110	Highway - Patrol Section 1	2003	Patrol Truck - Single axle	\$ 258,000
14	106525	12	High	5110	Highway - Patrol Section 1	2003	Patrol Truck - Single axle	\$ 258,000
15	106526	12	High	5120	Highway - Patrol Section 2	2003	Patrol Truck - Single axle	\$ 258,000
16	106529	12	High	5160	Highway - Patrol Section 3	2003	Patrol Truck - Single axle	\$ 258,000
17	106530	12	High	5140	Highway - Patrol Section 4	2003	Patrol Truck - Single axle	\$ 258,000
18	106531	12	High	5140	Highway - Patrol Section 4	2003	Patrol Truck - Single axle	\$ 258,000
19	118009	12	High	5110	Highway - Patrol Section 1	2004	Patrol Truck - Tandem Axle	\$ 275,000
20	204056	12	High	5120	Highway - Patrol Section 2	1995	Tractor w/ Flail Mowers	\$ 110,000
21	205206	12	High	5110	Highway - Patrol Section 1	2002	Tractor w/ Flail Mowers	\$ 110,000
22	205207	12	High	5160	Highway - Patrol Section 3	2002	Tractor w/ Flail Mowers	\$ 110,000
23	205208	12	High	5140	Highway - Patrol Section 4	2002	Tractor w/ Flail Mowers	\$ 110,000
24	205209	12	High	5160	Highway - Patrol Section 3	2002	Tractor w/ Flail Mowers	\$ 110,000
26	433004	12	High	5110	Highway - Patrol Section 1	2009	Sweeper, Dustless	\$ 350,000
27	491117	12	High	5120	Highway - Patrol Section 2	2003	Chilton Trailer	\$ 22,000
28	491119	12	High	5140	Highway - Patrol Section 4	2003	Chilton Trailer	\$ 22,000
29	491120	12	High	5110	Highway - Patrol Section 1	2003	Chilton Trailer	\$ 22,000

**2018 ADOPTED CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY**

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL BUDGET
DISTRICT ATTORNEY								
30	114681	7	High	4501	District Attorney	2010	Sedan	\$ 28,000
31	153064	7	High	4501	District Attorney	2010	SUV	\$ 28,000
32	153065	7	High	4501	District Attorney	2011	SUV	\$ 40,000
BEHAVIORAL HEALTH								
33	114698	7	High	6443	Psychiatric Crisis	2010	Sedan	\$ 24,000
DHHS								
34	165959	7	High	8529	Outreach Services	2007	Minivan	\$ 24,000
DAS								
35	165953	7	High		IMSD- Personal Computers	2007	Minivan	\$ 24,000
36	165961	7	High		IMSD- Network	2007	Minivan	\$ 24,000
MEDICAL EXAMINER								
37	153049	7	High	4900	ME's Office	2005	SUV	\$ 50,086
38	153049	7	High	4900	ME's Office	2010	SUV	\$ 30,000
FACILITIES								
39	102453	7	High	5702	Facilities Maintenance	2003	Pickup Truck 4x4 w/ Plow	\$ 36,100
40	102459	7	High	5702	Facilities Maintenance	2003	Pickup Truck 4x4 w/ Plow	\$ 36,100
								\$ 3,406,000
								\$ 96,000
								\$ 24,000
								\$ 24,000
								\$ 48,000
								\$ 80,086

**2018 ADOPTED CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY**

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL BUDGET
41	102460	7	High	5702	Facilities Maintenance	2003	Pickup Truck 4x4 w/ Plow	\$ 36,100
42	102462	7	High	5702	Facilities Maintenance	2003	Pickup Truck 4x4 w/ Plow	\$ 36,100
	FLEET							\$ 144,400
43	102454	7	High	5300	Fleet	2003	Pickup Truck 4x4	\$ 30,000
44	152545	7	High	5303	Fleet	2006	Minivan	\$ 24,000
45	438001	12	High	5300	Fleet	2002	Sweeper	\$ 50,000
46	812011	12	High	5300	Fleet	1984	Forklift	\$ 40,000
47	812012	12	High	5300	Fleet	1985	Forklift	\$ 50,000
48	812013	12	High	5300	Fleet	1986	Forklift	\$ 40,000
	ZOO							\$ 234,000
49	118503	12	High	9523	Zoo	2006	Vac Truck	\$ 290,000
50	152534	12	High	9523	Zoo	2003	Utility Van	\$ 37,000
	TOTAL OF GENERAL FLEET EQUIPMENT							\$ 327,000
								\$ 4,383,486

THIS PAGE INTENTIONALLY
LEFT BLANK.

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WO312	Sub-Project No. WO31201	Sub-Project Title SHERIFF FLEET EQUIPMENT-2018
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

Vehicles and equipment replacement for the Office of the Sheriff. Debt for equipment acquisitions will be included in the County's short-term debt issues for vehicles and equipment. The actual costs, including interest paid, will be charged to the Office of the Sheriff, which is a continuation of the practice adopted in the 2010 Budget. The Office of the Sheriff is required to turn in a comparable piece of equipment, as identified by the Director of Fleet Management, for each unit that is replaced. The Office of the Sheriff will not be allowed to keep vehicles or equipment that would exceed their established allotment.

2018 Sub-Project Scope of Work:

This is an ongoing project to replace equipment at the end of its useful life for the Office of the Sheriff vehicles and equipment. A detailed list of equipment to be replaced is included on the following page.

2019-2022 Sub-Project Scope of Work:

This is an ongoing project to replace equipment at the end of its useful life. Out-Years(2019-2022) for the Sheriff Office is included in capital Project WO31601.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$1,000,000	\$0	\$0	\$0	\$1,000,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,000,000	\$0	\$0	\$0	\$1,000,000

2018 Budget Year Financing			
Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$1,000,000	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$1,000,000		

Capital Sub-Project Breakdown (2013 - 2022)				
SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$1,000,000	\$0	\$1,000,000
TOTAL	\$0	\$1,000,000	\$0	\$1,000,000

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	
Complete Final Plans & Specs	
Begin Construction/Purchase Asset	
Construction Substantially Completed	
Scheduled Sub-Project Closeout	12/31/2018

Useful Life (Yrs)
4 / 7 / 12 Yrs

Requesting Department or Agency:

Dept of Transportation - Fleet Management

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

No

Functional Group:

Transportation and Public Works

Capital Category:

Vehicles & Equipment

**2018 ADOPTED CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY**

	EQUIP	DEPR	PRIORITY	DEPT	ORGANIZATION	EQUIP	EQUIPMENT	TOTAL
LINE	NUMBER	LIFE	CODE	CODE	DESCRIPTION	YEAR	DESCRIPTION	BUDGET
	SHERIFF							
1	150415	4	High	4021	Sheriff - Patrol	2011	SUV - Pursuit	\$ 50,000
2	150433	4	High	4021	Sheriff - Patrol	2013	SUV - Pursuit	\$ 50,000
3	150443	4	High	4021	Sheriff - Patrol	2013	SUV - Pursuit	\$ 50,000
4	150451	4	High	4021	Sheriff - Patrol	2013	SUV - Pursuit	\$ 50,000
5	150416	4	High	4021	Sheriff - Patrol	2013	SUV - Pursuit	\$ 50,000
6	150355	4	High	4021	Sheriff - Patrol	2013	SUV - Pursuit	\$ 50,000
7	150380	4	High	4021	Sheriff - Patrol	2013	SUV - Pursuit	\$ 50,000
8	150340	7	High	4021	Sheriff - Parking Checker	2010	Sedan	\$ 45,000
9	150342	7	High	4021	Sheriff - Parking Checker	2010	Sedan	\$ 45,000
10	114658	7	High	4002	Sheriff	2010	Sedan - Hybrid	\$ 28,000
11	114659	7	High	4002	Sheriff	2010	Sedan - Hybrid	\$ 28,000
12	114660	7	High	4052	Sheriff	2010	Sedan - Hybrid	\$ 28,000
13	114661	7	High	4086	Sheriff	2010	Sedan - Hybrid	\$ 28,000
14	114664	7	High	4052	Sheriff	2010	Sedan - Hybrid	\$ 28,000
15	114673	7	High	4086	Sheriff	2010	Sedan - Hybrid	\$ 28,000
16	114685	7	High	4002	Sheriff	2010	Sedan - Hybrid	\$ 28,000
17	114686	7	High	4038	Sheriff	2010	Sedan - Hybrid	\$ 28,000
18	114687	7	High	4016	Sheriff	2010	Sedan - Hybrid	\$ 28,000
19	114688	7	High	4021	Sheriff	2010	Sedan - Hybrid	\$ 28,000
20	114689	7	High	4081	Sheriff	2010	Sedan - Hybrid	\$ 28,000
21	114690	7	High	4052	Sheriff	2010	Sedan - Hybrid	\$ 28,000
22	114691	7	High	4077	Sheriff	2010	Sedan - Hybrid	\$ 28,000
23	114692	7	High	4021	Sheriff	2010	Sedan - Hybrid	\$ 28,000
24	114693	7	High	4038	Sheriff	2010	Sedan - Hybrid	\$ 28,000
25	114694	7	High	4002	Sheriff	2010	Sedan - Hybrid	\$ 28,000
26	114696	7	High	4021	Sheriff	2010	Sedan - Hybrid	\$ 28,000
27	114697	7	High	4002	Sheriff	2010	Sedan - Hybrid	\$ 28,000
28	114699	7	High	4052	Sheriff	2010	Sedan - Hybrid	\$ 28,000

**2018 ADOPTED CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY**

	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL BUDGET
29	114201	7	High	4052	Sheriff	2011	Sedan - Hybrid	\$ 28,000
								\$
					TOTAL OF SHERIFF EQUIPMENT			\$ 1,000,000

THIS PAGE INTENTIONALLY
LEFT BLANK.

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WO313	Sub-Project No. WO31301	Sub-Project Title HOUSE OF CORRECTION FLEET EQUIPMENT-2018
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

House of Correction (HOC) vehicle and equipment replacement. Debt for equipment acquisitions will be included in the County's short-term debt issues for vehicles and attachments. The actual costs, including interest paid, will be charged to user departments which is a continuation of the practice adopted in the 2010 Budget. The House of Correction is required to turn in a comparable piece of equipment, as identified by the Director of Fleet Management, for each unit that is replaced. HOC will not be allowed to keep vehicles or equipment that would exceed their established allotment.

2018 Sub-Project Scope of Work:

This is an ongoing project to replace HOC equipment at the end of its useful life. A detailed list of equipment to be replaced is included on the following page.

2019-2022 Sub-Project Scope of Work:

This is an ongoing project to replace equipment at the end of its useful life. Out-Years (2019-2021) for the HOC is included in capital project WO31701.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$141,000	\$0	\$0	\$0	\$141,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$141,000	\$0	\$0	\$0	\$141,000

2018 Budget Year Financing			
Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$141,000	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$141,000		

Capital Sub-Project Breakdown (2013 - 2022)				
SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$141,000	\$0	\$141,000
TOTAL	\$0	\$141,000	\$0	\$141,000

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	
Complete Final Plans & Specs	
Begin Construction/Purchase Asset	
Construction Substantially Completed	
Scheduled Sub-Project Closeout	12/31/2018

Useful Life (Yrs)
4 / 7 / 12 Yrs

Requesting Department or Agency:

Dept of Transportation - Fleet Management

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

No

Functional Group:

Transportation and Public Works

Capital Category:

Vehicles & Equipment

**2018 ADOPTED CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY**

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL BUDGET
	HOUSE OF CORRECTION							
1	165105	12	High	4311	House of Corrections	1982	Backhoe	\$ 21,000
2	165279	12	High	4311	House of Corrections	1985	Skidsteer	\$ 60,000
3	165584	7	High	4311	House of Corrections	1997	Cargo Van	\$ 30,000
4	150329	7	High	4311	House of Corrections	2008	Cargo Van	\$ 30,000
					TOTAL OF WO112044-HOUSE OF CORRECTION EQUIPMENT			\$ 141,000

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WO314	Sub-Project No. WO31401	Sub-Project Title FLEET PARKS EQUIPMENT-2018
-----------------------------	-----------------------------------	--

2018 Sub-Project Addresses the following item/issue:

Parks, Recreation, & Culture (Parks) vehicle and equipment replacement. Debt for equipment acquisitions will be included in the County's short-term debt issues for vehicles and equipment. The actual costs, including interest paid, will be charged to the Parks Department which is a continuation of the practice adopted in the 2010 Budget. The Parks Department is required to turn in a comparable piece of equipment, as identified by the Director of Fleet Management, for each unit replaced. Parks will not be allowed to keep vehicles or equipment that would exceed their established allotment.

2018 Sub-Project Scope of Work:

This is an ongoing project to replace Parks equipment at the end of its useful life. A detailed list of equipment to be replaced is included on the following page.

2019-2022 Sub-Project Scope of Work:

This is an ongoing project to replace equipment at the end of its useful life. Out-Years (2019-2022) for Parks equipment is included in capital project WO31801.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$3,575,832	\$0	\$0	\$0	\$3,575,832
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$3,575,832	\$0	\$0	\$0	\$3,575,832

2018 Budget Year Financing			
Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$3,575,832	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$3,575,832		

Capital Sub-Project Breakdown (2013 - 2022)				
SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adopted	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$3,575,832	\$0	\$3,575,832
TOTAL	\$0	\$3,575,832	\$0	\$3,575,832

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	
Complete Final Plans & Specs	
Begin Construction/Purchase Asset	
Construction Substantially Completed	
Scheduled Sub-Project Closeout	12/31/2018

Useful Life (Yrs)
4 / 7 / 12 Yrs

Requesting Department or Agency:

Dept of Transportation - Fleet Management

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

No

Functional Group:

Transportation and Public Works

Capital Category:

Vehicles & Equipment

**2018 ADOPTED CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY**

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL BUDGET
	PARKS GENERAL EQUIPMENT							
1	101003	7	High	9155	Park Maintenance	2001	Pickup Truck 4x4 Crew Cab	\$ 35,000
2	101021	7	High	9420	Parks - Forestry	2003	Pickup Truck 4x4 Crew Cab	\$ 35,000
3	101523	7	High	9430	Park Maintenance	2003	Pickup Truck w/ Utility Body	\$ 35,000
4	101526	7	High	9430	Park Maintenance	2003	Pickup Truck	\$ 35,000
5	101540	7	High	9420	Parks - Forestry	2004	Crew Cab Pickup	\$ 35,000
6	102465	7	High	9136	Parks-Central Region	2005	Pickup Truck 4x4 w/ plow	\$ 38,000
7	102466	7	High	9430	Park Maintenance	2005	Pickup Truck 4x4	\$ 35,000
8	102467	7	High	9137	Parks- McKinley Marina	2005	Pickup Truck 4x4	\$ 35,000
9	102469	7	High	9136	Parks-Central Region	2005	Pickup Truck 4x4	\$ 35,000
10	102470	7	High	9155	Parks- South Region	2005	Pickup Truck 4x4	\$ 35,000
11	102471	7	High	9176	Parks-Horticulture	2005	Pickup Truck 4x4	\$ 38,000
12	102472	7	High	9430	Park Maintenance	2005	Pickup Truck 4x4	\$ 31,000
13	102474	7	High	9420	Parks- Forestry	2005	Pickup Truck 4x4	\$ 35,000
14	102475	7	High	9155	Parks- South Region	2005	Pickup Truck 4x4 w/ plow	\$ 38,000
15	102476	7	High	9155	Parks- South Region	2005	Pickup Truck 4x4 w/ plow	\$ 38,000
16	114674	7	High	9136	Parks- Central Region	2010	Sedan	\$ 24,000
17	114678	7	High	9050	Parks- Security	2010	Sedan	\$ 24,000
18	118101	12	High	9420	Parks- Forestry	2005	Prentice Loader	\$ 210,000
19	152007	7	High	9430	Park Maintenance	2001	Utility Van	\$ 46,000
20	152008	7	High	9430	Park Maintenance	2003	Utility Van	\$ 46,000
21	152009	7	High	9430	Park Maintenance	2003	Utility Van	\$ 46,000
22	152010	7	High	9430	Park Maintenance	2003	Utility Van	\$ 46,000
23	152011	7	High	9430	Park Maintenance	2003	Utility Van	\$ 46,000
24	152012	7	High	9430	Park Maintenance	2003	Utility Van	\$ 46,000
25	152017	7	High	9430	Park Maintenance	2005	Utility Van	\$ 46,000
26	152537	7	High	9430	Park Maintenance	2003	Utility Van	\$ 46,000
27	152538	7	High	9430	Park Maintenance	2003	Utility Van	\$ 46,000
28	173182	12	High	9036	Parks- Golf	2003	Turf Truck	\$ 23,000

MILWAUKEE COUNTY

[illegible]

**2018 ADOPTED CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY**

	EQUIP	DEPR	PRIORITY	DEPT	ORGANIZATION	EQUIP	EQUIPMENT	TOTAL
LINE	NUMBER	LIFE	CODE	CODE	DESCRIPTION	YEAR	DESCRIPTION	BUDGET
56	20166	12	High	9036	Parks- Golf	2001	Greens Mower	\$ 35,000
57	20167	12	High	9036	Parks- Golf	2001	Greens Mower	\$ 35,000
58	20174	12	High	9036	Parks- Golf	2001	Greens Mower	\$ 35,000
59	20176	12	High	9036	Parks- Golf	2001	Greens Mower	\$ 35,000
60	20177	12	High	9036	Parks- Golf	2001	Greens Mower	\$ 35,000
61	21011	12	High	9036	Parks- Golf	2001	Fairway Mower	\$ 55,000
62	21012	12	High	9036	Parks- Golf	2001	Fairway Mower	\$ 55,000
63	21013	12	High	9036	Parks- Golf	2001	Fairway Mower	\$ 55,000
64	21014	12	High	9036	Parks- Golf	2001	Fairway Mower	\$ 55,000
65	21016	12	High	9036	Parks- Golf	2002	Fairway Mower	\$ 55,000
66	21201	12	High	9036	Parks- Golf	2002	Fairway Mower	\$ 55,000
67	21202	12	High	9036	Parks- Golf	2002	Fairway Mower	\$ 55,000
68	21204	12	High	9036	Parks- Golf	2002	Fairway Mower	\$ 55,000
69	21205	12	High	9036	Parks- Golf	2002	Fairway Mower	\$ 55,000
70	21206	12	High	9036	Parks- Golf	2002	Fairway Mower	\$ 55,000
71	21207	12	High	9036	Parks- Golf	2002	Fairway Mower	\$ 55,000
72	21209	12	High	9036	Parks- Golf	2002	Fairway Mower	\$ 55,000
73	21210	12	High	9036	Parks- Golf	2002	Fairway Mower	\$ 55,000
74	21211	12	High	9036	Parks- Golf	2002	Fairway Mower	\$ 55,000
75	21212	12	High	9036	Parks- Golf	2002	Fairway Mower	\$ 55,000
76	21213	12	High	9036	Parks- Golf	2002	Fairway Mower	\$ 55,000
77	21214	12	High	9036	Parks- Golf	2002	Fairway Mower	\$ 55,000
78	39205	12	High	9036	Parks- Golf	2000	Turf Sprayer	\$ 67,000
79	32101	12	High	9036	Parks- Golf	2001	Bunker Rake	\$ 23,000
					SUBTOTAL OF WO112054-PARKS FIVE DIGIT EQUIPMENT			\$ 2,012,832
					TOTAL OF PARKS EQUIPMENT			\$ 3,575,832

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WO303	Sub-Project No. WO30301	Sub-Project Title PUBLIC SAFETY DATA INTEROPERABILITY
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

The 2017 Adopted Capital Improvement Budget included an appropriation of \$275,000 for the first phase implementation related to the NJPA and North Shore Fire Rescue contractual agreements. The Data Interoperability project (project) represents a committed obligation in the Emergency Medical Services (EMS) contract with nine local fire departments for 2017-2020. This has been approved by the Intergovernmental Cooperation Council (ICC) and adopted by the County Board (File No 16-680), and serves as a mechanism to re-divert tax levy that previously went towards payments to communities for EMS. The overall project includes technology that integrates public safety data for intelligent analytics. The project is also anticipated to create significant efficiencies for all county first responders in resource delivery.

2018 Sub-Project Scope of Work:

The scope of work includes the continued development and implementation of the technology integrator or intelligent hub-model that creates the data feed between 9-1-1 Computer Aided Dispatch (CAD) systems.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$762,650	\$0	\$0	\$0	\$762,650
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$762,650	\$0	\$0	\$0	\$762,650

2018 Budget Year Financing

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$512,650	PFC Revenue	\$0
Property Tax	\$250,000	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$762,650		

Capital Sub-Project Breakdown (2013 - 2022)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '17 Adopted	2018 Approp.	2019 - 2022 Approp.	Total Approp.
Basic Planning & Design	\$275,000	\$0	\$0	\$275,000
Construction & Implementation	\$0	\$762,650	\$0	\$762,650
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$275,000	\$762,650	\$0	\$1,037,650

Sub-Project Schedule

Month/Year

Complete Site Acquisition	
Complete Preliminary Plan	
Complete Final Plans & Specs	
Begin Construction/Purchase Asset	
Construction Substantially Completed	
Scheduled Sub-Project Closeout	

Useful Life (Yrs)

7 Yrs

Requesting Department or Agency:

Office of Emergency Management

Managing Department or Agency:

Dept of Admn Services - Information Management Services

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Technology & Electronic Equipment

2018 ADOPTED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. WO890	Sub-Project No. WO89001	Sub-Project Title MCPA UIHLEIN HALL STAGE LIFTS
-----------------------------	-----------------------------------	---

2018 Sub-Project Addresses the following item/issue:

The Marcus Center for The Performing Arts Uihlein Hall Stage Lifts are 48 years old and original to the 1969 construction of the facility. This is phase five of six in the modernization of elevators/lifts in the center.

2018 Sub-Project Scope of Work:

The scope of the project includes, but is not limited to, replacement of the lifting mechanism, motorization package, structural flatforms, skirts, guides, electrical control, ADA and safety updates per State law. With respect to sustainability, new equipment will incorporate energy efficient and sustainable design as allowed by the building code for this installation.

2019-2022 Sub-Project Scope of Work:

None.

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

Capital Sub-Project Cost and Reimbursement Revenue By Year (2018 - 2022)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2018	\$1,882,526	\$0	\$0	\$0	\$1,882,526
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,882,526	\$0	\$0	\$0	\$1,882,526

2018 Budget Year Financing			
Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$1,882,526	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
Total Budget Year Financing	\$1,882,526		

Capital Sub-Project Breakdown (2013 - 2022)				
SUB-PROJECT BY PHASE	Prior Approp.	2018	2019 - 2022	Total
	Incl. '17 Adotped	Approp.	Approp.	Approp.
Basic Planning & Design	\$0	\$295,181	\$0	\$295,181
Construction & Implementation	\$0	\$1,587,345	\$0	\$1,587,345
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$1,882,526	\$0	\$1,882,526

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	3/1/2018
Complete Final Plans & Specs	5/1/2018
Begin Construction/Purchase Asset	7/1/2108
Construction Substantially Completed	11/1/2018
Scheduled Sub-Project Closeout	12/31/2018

Useful Life (Yrs)
20 Yrs

Requesting Department or Agency:
Marcus Center for the Performing Arts
Managing Department or Agency:
Dept of Admn Services - Facilities Management
Specialized Consultant(s) Retained:
Yes
Functional Group:
Parks, Recreation, & Culture
Capital Category:
Facility Rehab or Major Maint

**2018 ADOPTED CAPITAL IMPROVEMENTS
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
2018 - 2022**

DOT-AIRPORT ONLY

THIS PAGE INTENTIONALLY
LEFT BLANK.

5-Year Capital Improvement Plan by County/Non-County Funding (by Department/Division-DOT-Airport Only) (a)																		
DEPT	Dept of Transportation - Airport			2018			2019			2020			2021			2022		
	Project	Project Description		County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DOT-AIRPORT	WA25901	GMIA Parking Structure Repair Planning Placeholder		900,272		900,272				750,000		750,000				1,000,000		1,000,000
DOT-AIRPORT	WA26001	GMIA Parking Structure Repairs-2018																
DOT-AIRPORT	WA18801	LIT New FBO Terminal Facility					17,405	330,695	348,100	2,270,796		2,390,312	62,500	437,500	500,000	62,500	437,500	500,000
DOT-AIRPORT	WA23001	GMIA Airfield Safety Improvmt-Planning Placeholder					64,625	452,375	517,000	64,625		517,000						
DOT-AIRPORT	WA24501	GMIA Airfield Safety Improvmt-2018																
DOT-AIRPORT	WA21101	GMIA Airfield Safety Improvmt-2018		60,402	422,822	483,224												
DOT-AIRPORT	WA21101	GMIA Physical Access Control System Upgrade					5,000,000		5,000,000									
DOT-AIRPORT	WA23101	GMIA Replacement Jet Bridges-Planning Placeholder					1,500,000		1,500,000									
DOT-AIRPORT	WA24301	GMIA Replacement Jet Bridges-2018		1,545,318		1,545,318												
DOT-AIRPORT	WA23201	GMIA Fleet Snow Combination Units-Plan Placeholder																
DOT-AIRPORT	WA23301	GMIA Airfield Pavement Rplcmnt-Plan Placeholder					140,000	980,000	1,120,000	140,000	980,000	1,120,000	4,000,000		4,000,000			4,000,000
DOT-AIRPORT	WA24601	GMIA Airfield Pavement Rplcmnt-2018		292,712	2,048,989	2,341,701							150,000	1,050,000	1,200,000	150,000	1,050,000	1,200,000
DOT-AIRPORT	WA23401	GMIA Deicer Pads-Planning Placeholder								3,858,000	27,006,000	30,864,000						
DOT-AIRPORT	WA24701	GMIA Deicer Pads (19R)-2018		559,611	3,917,282	4,476,893												
DOT-AIRPORT	WA22101	GMIA International Terminal Redevelopment		25,198,191		25,198,191	20,112,809		20,112,809	22,500	427,500	450,000	22,500	427,500	450,000	22,500	427,500	450,000
DOT-AIRPORT	WA23501	LIT Pavement Replacement-Planning Placeholder																
DOT-AIRPORT	WA24801	LIT Pavement Replacement-2018		11,530	219,071	230,601												
DOT-AIRPORT	WA24001	LIT Security-Wildlife Fmtr Fencing		12,884	244,798	257,682												
DOT-AIRPORT	WA25001	GMIA Airfield Drainage Improvements Placeholder					62,500	437,500	500,000	62,500	437,500	500,000	62,500	437,500	500,000	62,500	437,500	500,000
DOT-AIRPORT	WA25101	GMIA Airfield Drainage Improvements-2018 (Study)																
DOT-AIRPORT	WA25201	GMIA Airfield Drainage Improvements-2018 (Study)		13,700	95,903	109,603												
DOT-AIRPORT	WA25201	GMIA IME Business Park Electrical Infrastructure		2,815,004		2,815,004												
DOT-AIRPORT	WA25301	GMIA Operations Control Center		26,209	183,460	209,669	179,375	1,255,625	1,435,000									
DOT-AIRPORT	WA25801	GMIA Parking Lot Pavement Replacement Placeholder					250,000		250,000				250,000		250,000	250,000		250,000
DOT-AIRPORT	WA25401	GMIA Parking Lot Pavement Replacement-2018		261,420		261,420												
DOT-AIRPORT	WA25501	GMIA HVAC Cooling Tower Replacement											750,000		750,000	750,000		750,000
DOT-AIRPORT	WA25701	GMIA Storage Facility - Snow Removal Equipment					36,504	693,579	730,083				250,000	4,750,000	5,000,000	250,000	4,750,000	5,000,000
DOT-AIRPORT	WA25601	LIT Runway 15L-33R Extension																
DOT-AIRPORT Capital Project Funding by YEAR:			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	
DOT-AIRPORT Total Projects by YEAR:			\$31,697,253	\$7,132,325	\$38,829,578	\$27,385,718	\$4,577,274	\$31,962,992	\$5,267,141	\$31,574,171	\$36,841,312	\$5,797,500	\$7,102,500	\$12,900,000	\$10,297,500	\$2,352,500	\$12,650,000	
			12			11			8			9			9			

2018 - 2022 Capital Improvement Plan (a1)		
Total County Funding over 5 Years (2018 - 2022):	\$80,445,112	
Total Non-County Funding over 5 Years (2018 - 2022):	\$52,738,770	
Total # of Capital Projects over 5 Years (2018 - 2022):	49	

The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 represent the County-wide Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year.

Table (a1) illustrates the County-Wide 2018 - 2022 Capital Improvement Plan.

NOTE: DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or Tax Levy financing. Please see page 99 for Non-Airport Capital Improvement Projects.

THIS PAGE INTENTIONALLY
LEFT BLANK.

**2018 ADOPTED CAPITAL IMPROVEMENTS
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
2018 - 2022**

COUNTY-WIDE (EXCLUDES DOT-AIRPORT)

THIS PAGE INTENTIONALLY
LEFT BLANK.

5-Year Capital Improvement Plan by County/Non-County Funding (All Departments-Excluding DOT-Airport) (a)

DEPT	Project	Project Description	2018 - BUDGET			2019			2020			2021			2022		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DAS-FM-FM	WC20001	Courthouse Complex Planning-Phase II-Pin Plchldr															
DAS-FM-FM	WC20601	Safety Bldg Demolition				2,020,000		2,020,000	10,000,000		10,000,000	9,600,000		9,600,000			
DAS-FM-FM	WC17101	Courthouse HVAC System Replacements-Pin Plchldr							960,000		960,000	1,980,000		1,980,000			
DAS-FM-FM	WC20401	Courthouse Complex Water-Stream Piping-Pin Plchldr				6,000,000		6,000,000	6,000,000		6,000,000	6,000,000		6,000,000	6,000,000		6,000,000
DAS-FM-FM	WC19401	Maint Support Site Update & Master Planning				500,000		500,000	1,000,000		1,000,000	786,000		786,000			
DAS-FM-FM	WC17701	CH Light court Rehabilitation-Planning Placeholder				786,000		786,000	786,000		786,000	400,000		400,000			
DAS-FM-FM	WC06401	Medical Examiner HVAC							400,000		400,000	233,000		233,000			
DAS-FM-FM	WC11802	CIF Loading Dock							300,000		300,000	20,000,000		20,000,000	300,000		300,000
DAS-FM-FM	WC18201	CH Complex Interior Updates-Plan Placeholder															
DAS-FM-FM	WC20701	New Criminal Courthouse															
DAS-FM-FM	WC16001	CIF Entrance															
DAS-FM-FM	WC08401	Clerk of Court Records Rooms Lighting Replacemen															
DAS-FM-FM	WC18401	CH Complex Facade Inspect & Repair-Plan Plchldr															
DAS-FM-FM	WC10202	Courthouse HVAC Replacement				1,377,566		1,377,566	200,000		200,000	250,000		250,000			
DAS-FM-FM	WC19501	CH Complex Directories				200,000		200,000	100,000		100,000	100,000		100,000			
DAS-FM-FM	WC03501	Vel Phillips Roof Replacement				100,000		100,000	100,000		100,000	500,000		500,000			
DAS-FM-FM	WC17901	CH Complex Safety System(s) Study				500,000		500,000	113,400		113,400	469,000		469,000			
DAS-FM-FM	WC17501	CH Complex Elctrl Infstruc Upgrade-Ping Plchldr							255,000		255,000	2,221,164		2,221,164			
DAS-FM-FM	WC05201	Jury Management PA and AV				100,000		100,000	938,200		938,200	1,382,538		1,382,538			
DAS-FM-FM	WC17201	CH Complex Courts Cameras/Monitors-Pin Plchldr															
DAS-FM-FM	WC01801	Safety Bldg - Clerk of Court, Rm. 419 Renovation															
DAS-FM-FM	WC18501	Safety Building Window Replacement-Plan Plchldr															
DAS-FM-FM	WC20301	CIF Re-Commissioning Planning				250,000		250,000	500,000		500,000						
DAS-FM-FM	WC05601	SB Room 223 Storage Room Shelving				100,000		100,000									
DAS-OPD	WO18801	Countywide ADA Repairs-Planning Placeholder															
DAS-OPD	TBD	Countywide ADA Repairs-2019 (prv 2018)															
DAS-OPD	WO18901	Countywide ADA Repairs-2018				890,219		890,219	100,000		100,000	850,000		850,000			
DAS-OPD	WO22701	WOV-Grant Rec Ct- Sliding & Window Replacement															
DHHS	WS10201	Control Center Panel Replacement				100,000		100,000	100,000		100,000	252,260		252,260			
DHHS	WS10101	ProPhoenix Medical Module				100,000		100,000	100,000		100,000	938,200		938,200			
DHHS	WC19701	Carpet Replacement - Cogges 3rd Floor															
DHHS	WO53601	DHHS Document Scanning				100,000		100,000	1,036,816		1,036,816	3,000,000		3,000,000	3,000,000		3,000,000
DHHS	WO53701	ProPhoenix RMS Upgrade & Training															
DHHS	WO53101	Case Management and Software Conversion-Plan Plchldr															
DHHS-BHD	WE04101	BHD Air Handling System															
DHHS-BHD	WE04201	BHD Window Replacement															
DHHS-BHD	WE05801	BHD Bathroom Bldg Settling Repair & Replacement				423,841		423,841									
DHHS-BHD	WE05801	BHD-ACT System Renewal															
DHHS-BHD	WE06001	BHD-VCT 4 Renewal															
DHHS-BHD	WE06101	BHD-Door Assembly Replacement				347,928		347,928	746,942		746,942	576,534		576,534			
DHHS-BHD	WE60301	BHD-Fire Damper Replacement				132,219		132,219									
DHHS-BHD	WE03701	MHC-Repave Parking Lots X-32 A, B, & C															
DHHS-BHD	WE04001	BHD Roof Repair				1,528,162		1,528,162									
DHHS-BHD	WE06501	Mental Health Complex New Generator				1,121,707		1,121,707									
EMERGENCY MNGT	WO30301	Public Safety Data Interoperability	762,650		762,650												
EMERGENCY MNGT	WO26701	Communications Info-Video Wall				149,060		149,060									
EMERGENCY MNGT	WO26801	Radio Site Relocation-US Bank to Couture Bldg.															
EMERGENCY MNGT	WO26901	Mechanical CPR Devices															
EMERGENCY MNGT	WO27001	700MHz Back-Up Radio System (County Depts)				750,000		750,000	250,000		250,000	810,000		810,000			
EMERGENCY MNGT	WO27101	911 Dispatch Workstations				262,000		262,000									
EMERGENCY MNGT	WO27201	EMS Vehicle Enhancements & Technology Upgrade				100,000		100,000									
EMERGENCY MNGT	WO27301	Cardiac Monitors															
EMERGENCY MNGT	WO49801	800MHz Doppler System															
EMERGENCY MNGT	WO28101	911 Communications Workstation Replacement				220,000		220,000	150,000		150,000						
HOC	WO08001	HOC Video Visitation System				1,400,000		1,400,000									
HOC	WO08301	HOC Security System Replacement				197,015		197,015									
HOC	WO08401	HOC Steel and Glass Greenhouse	235,985		235,985												
HOC	W10201	HOC Boiler House Window Replacement				353,000		353,000									
HOC	W10301	HOC Surges Building Roof Replacement															
HOC	W10401	HOC Lotter Building Roof Replacement															
HOC	WO07901	HOC New Parking Outside Secure Perimeter															
MARCUS CNTR	WO01701	Marcus Center Roof Replacement															
MARCUS CNTR	WO050801	Marcus Center - Pedestrian Pavement Replacement															
MARCUS CNTR	WO899001	MCPA Uhllein Hall Stage Lifts															
MARCUS CNTR	WO53201	Uhllein #4 Elevator				589,000		589,000									
DOT-FLEET	WO88901	Pedestrian Pavement Replacement (2022)															
DOT-FLEET	WO31101	Fleet General Equipment-2018				3,233,486		3,233,486									
DOT-FLEET	WO31201	Sheriff Fleet Equipment-2018				1,000,000		1,000,000									
DOT-FLEET	WO31301	House of Correction Fleet Equipment-2018				141,000		141,000									
DOT-FLEET	WO31401	Fleet Parks Equipment-2018				3,575,832		3,575,832									
DOT-FLEET	WO31501	Fleet General Equipment-Planning Placeholder															
DOT-FLEET	WO31601	Sheriff Fleet Equipment-Planning Placeholder															
DOT-FLEET	WO31701	House of Correction Fleet Equip-Plan Placeholder															
DOT-FLEET	WO31801	Fleet Parks Equipment-Planning Placeholder															
DOT-FLEET	WO17501	Fleet Central Garage Roof Replacement				2,838,064		2,838,064									
DOT-FLEET	WO10701	Fleet Window Replacement															

5-Year Capital Improvement Plan by County/Non-County Funding (All Departments-Excluding DOT-Airport) (a)														
DEPT	Project	Project Description	2018 - BUDGET			2019			2020			2021		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DOT-FLEET	WO19801	Fuel Transaction Software	261,861		261,861									
DOT-HWY	WH01006	Reconstruct CTH "V" Layton Avenue 27th to 43rd	100,000	320,000	420,000	2,397,000	1,203,000	3,600,000	86,000	344,000	4,250,000	850,000	3,400,000	4,250,000
DOT-HWY	WH01008	Reconstruct CTH "N" South 92nd Street	275,000		275,000									
DOT-HWY	WH01014	N. Pt. Washington Rd.: Daphne to Good Hope												
DOT-HWY	WH01016	Reconst. 13th: Drexel to Rawson	1,040,000	3,960,000	5,000,000									
DOT-HWY	WH01022	Reconstruct, S. 13th St. Puetz to Drexel				110,000	440,000	550,000	60,000	240,000	4,500,000	900,000	3,600,000	4,500,000
DOT-HWY	WH01023	Reconstruct, S. 76th St., County Line to Puetz				100,000	400,000	500,000	125,000	500,000	625,000	125,000	500,000	625,000
DOT-HWY	WH02017	W. Layton Ave. - S. 76th St. to S. 60th St.							175,000		1,450,000	800,000	650,000	1,450,000
DOT-HWY	WH02018	W. Layton Ave. - S. 60th St. to W. Loomis Rd.									175,000	175,000		175,000
DOT-HWY	WH02019	N Teutonia Ave. (W. Good Hope to W. Bradley)												
DOT-HWY	WH03014	W. Vienna Ave. - Meromonee River #771	2,950,000	1,458,000	4,408,000				500,000		500,000	500,000		500,000
DOT-HWY	WH10601	Short Term CTH Rehabilitation-Planning Placeholder												
DOT-HWY	TBD	Short Term CTH Rehabilitation-2019 (prv 2018)												
DOT-HWY	WH10701	Short Term CTH Rehabilitation-2018				500,000		500,000						
DOT-HWY	WH09201	S. 76th St. & W. Layton Ave. Adapt Signal System				100,000	340,000	440,000						
DOT-HWY	WH09401	W Rawson Ave Int w/ 10th St. & 6th St.				507,500	692,500	1,200,000						
DOT-HWY	WH09501	W Rawson Ave- S. 27th St to S. 20th St.				100,000	360,000	460,000	600,000	2,400,000	3,000,000	65,000	260,000	325,000
DOT-HWY	WH09601	S.13th St. - W. Ryan Rd to W. Puetz Rd.							65,000	260,000	325,000			
DOT-HWY	WH09701	E. North Ave Bridge over Oak Leaf Bike Trail							237,930	951,720	1,189,550	51,659	206,634	258,293
DOT-HWY	WH09801	S. 76th St. Bridge over Loomis Rd.												
DOT-HWY	WH10001	S. 13th St. Bridge over Oak Creek												
DOT-HWY	WH10101	N. Oakland Ave. Bridge over Oak Leaf Bike Trail												
DOT-HWY	WH10201	S. 76th St. Bridge over W. Forest Home Ave.												
DOT-HWY	WH10301	W. Good Hope Rd. #374 over Milwaukee River												
DOT-HWY	WH10401	W. Good Hope Rd. #375 over Milwaukee River												
DOT-HWY	WH12401	North Shop Improvements				8,300,000		8,300,000						
DOT-HWY	WH24001	W Rawson (CTH BB) LSH 45 to Hawthorne Ln				300,000		300,000	150,000		1,730,250	1,607,000	793,000	2,400,000
DOT-HWY	WH10801	W College Ave (31st/34th) Box Chvrt/Railing Rprs												
DOT-HWY	WH10901	Signal Install at W. Good Hope Rd. & Pierson												
DOT-HWY	WH11001	W Beloit Rd (CTH T)S 124th St to S Wolmer Rd	315,000		315,000									
DOT-HWY	WH11101	W Forest Home Ave (CTHOJ)HI-View Dr to S N Cape				125,000		125,000	350,000		350,000	200,000		200,000
DOT-HWY	WH11201	W Good Hope Rd Bridge Replacement (8-40-0370)				200,000		200,000	200,000		200,000	100,000		100,000
DOT-HWY	WH11301	W Hampton Ave. Bridge P-40-0750 Rehabilitation				27,296	109,185	136,481	274,752	1,099,008	1,373,760	166,151	664,602	830,753
DOT-HWY	WH11401	Mill Rd Bridge B-40-0936 Rehabilitation							28,897	115,586	144,483			
DOT-TRANSIT	WT10301	Bus Replacement Program-Planning Placeholder				12,500,000	2,800,000	15,300,000	6,000,000	9,600,000	15,600,000			
DOT-TRANSIT	WT10401	Bus Replacement Program-2018	10,850,915	2,649,085	13,500,000									
DOT-TRANSIT	WT08301	Bus Rapid Transit				4,500,000	18,000,000	22,500,000						
DOT-TRANSIT	WT08601	FDL Garage Employee Parking Lot/Lighting				1,019,331		1,019,331						
DOT-TRANSIT	WT07801	KK Garage Roof Replacement				449,317		449,317	2,239,056		2,239,056			
DOT-TRANSIT	WT07901	Replace MCTS Fleet Maintenance Roof				614,302		614,302	3,063,975		3,063,975			
DOT-TRANSIT	WT10701	Bus Lift Replacement 1-4 (Maint Facility)				850,743		850,743						
DOT-TRANSIT	WT10601	Bus Lift Replacement 1 - 2 (KK Garage)				424,858		424,858						
DOT-TRANSIT	WT10501	Maintenance Work Order System (Transit)				200,000		200,000						
DOT-TRANSIT	WT10801	HVAC Replacement-KK Bus Storage/Warehouse				2,500,000		2,500,000						
DOT-TRANSIT	WT10901	Bus Lift Replacement 5-8 (Maint Facility)				550,000		550,000						
DOT-TRANSIT	WT11001	Glass Panel Wall Replacement-Transit Admin Bldg				175,000		175,000						
DOT-TRANSIT	WT11101	Concrete Yard Replacement (KK Garage site)				750,000		750,000						
DOT-TRANSIT	WT11201	Bus Lift Replacement (FDL Garage)				275,000		275,000						
DOT-TRANSIT	WT11301	Garage Door System (Transit Garages/Maint Fcty)				750,000		750,000						
DOT-TRANSIT	WT11401	Lighting Improvements (FDL Garage)							750,000		750,000			
DOT-TRANSIT	WT11501	Lighting Improvements (KK Garage)												
DOT-TRANSIT	WT07701	FDL Garage Roof Replacement	502,468		502,468									
DOT-TRANSIT	WT11601	Bus Lift Decking Replacement (FDL Garage)												
DOT-TRANSIT	WT05901	MCTS Admin Building Lighting Upgrades												
DOT-TRANSIT	WT08001	MCTS Fleet Maintenance Lighting Upgrades												
DOT-TRANSIT	WT06101	Interior Painting (FDL Garage)												
DOT-TRANSIT	WT11701	Phone and Voicemail Replacement - MCTS				310,000		310,000						
DOT-TRANSIT	WT11801	Bus Lift Replacement 3 - 4 (KK Garage)				450,000		450,000						
DOT-TRANSIT	WT11901	Bus Lift Replacement 5 - 6 (KK Garage)												
DOT-TRANSIT	WT12001	Bus Lift Replacement 7 - 9 (KK Garage)												
ME	WO21601	Medical Examiner Case Management Software												
MC-HIST SCTY	WO13401	Trimborn Farm Bunkhouse Restoration				228,800		228,800						
MC-HIST SCTY	WO16101	Masonry Wall Repairs (Jeremiah Curtain House)				102,673		102,673						
MC-HIST SCTY	WO13601	Trimborn Farm Stone Barn Roof				86,853		86,853						
MPM	WM00903	West 3rd Floor Roof Replacement				415,419		415,419						
MPM	WM01003	Green House Freight Elevator												
MPM	WM01004	Passenger Elevator Modernization				291,000		291,000						
MPM	WM01501	Museum Exterior Window Replacement (East)				580,500		580,500						
MPM	WM04201	Museum Exterior Window Replacement (West)				450,000		450,000						
MPM	WM01601	Museum Façade Repair (East)												
MPM	WM04301	Museum Façade Repair (West)												
MPM	WM02001	MPM VAV Upgrade to AHU 403, AHU 405 & AHU 601												
MPM	WM02101	MPM Upgrade AHU Level Controls to DDC												
MPM	WM03201	MPM IS Server Room Infrastructure												
MPM	WM03301	MPM Greenhouse Roof Structure												
MPM	WM03401	MPM Pan Museum Fire Suppressions and Separations												

5-Year Capital Improvement Plan by County/Non-County Funding (All Departments-Excluding DOT-Airport) (a)

			2018 - BUDGET			2019			2020			2021			2022		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DEPT	Project	Project Description	All Depts County-Wide														
MPM	WM03701	MPM Dome Planetarium Roof Replacement	859,714		859,714	859,714		859,714									
MPM	WM03501	New Passenger Elevator	1,950,742		1,950,742	1,950,742		1,950,742									
MPM	WM03601	Air Handling Unit Frequency Drive Replacement	354,471		354,471	354,471		354,471									
MPM	WM03801	MPM Technology Infrastructure Replacement	600,000		600,000	600,000		600,000									
MPM	WM03901	MPM Fire Panel Replacement	230,411	2,716,341	2,716,341	230,411		230,411									
MPM	WM04001	MPM Analog Camera Replacement with Digital															
MPM	WM04401	MPM Fresh Air Tunnel Modernization															
MPM	WM04501	MPM HVAC - Bird/Mammal Replacement															
MPM	WM04601	MPM Loading Dock and Overhead Door Replacement															
MPM	WM04701	MPM High Pressure Steam Line Replacement															
MPM	WM04801	MPM Loading Dock Exterior Facade															
MPM	WM04901	MPM Loading Dock Exterior Facade															
SHERIFF	WC10601	CIF Dirty Linen Receiving Area															
SHERIFF	WC10701	CIF Booking Room and Tower Remodeling															
SHERIFF	WC10801	CIF Sally Port Doors Replacement															
SHERIFF	WC10901	Training Academy Roof Repairs															
SHERIFF	WC11001	Training Academy Tactical House															
SHERIFF	WC11101	CCFC Camera System															
SHERIFF	WC11201	Automated License Plate Readers															
SHERIFF	WC11301	PSB Fast ID Remote Booking (30 Units)															
SHERIFF	WC11401	CIF Instant Full Body Scan Machine															
SHERIFF	WC11501	CIF Key Watcher System															
SHERIFF	WC11601	Sheriff PSB CD Computer Hardware/Software															
SHERIFF	WC11701	CIF Kitchen Upgrades															
SHERIFF	WC11801	CIF Jail Records Area Remodeling															
SHERIFF	WC11901	CIF Roof Antenna Installation															
SHERIFF	WC12001	CIF Roof Antenna Installation															
SHERIFF	WC12101	CIF Housing Video System															
SHERIFF	WC12201	CIF Pneumatic Tube System Repairs															
SHERIFF	WC12301	CIF Pod 4D Renovations															
SHERIFF	WC12401	CIF Secure Doors in Dock Area															
SHERIFF	WC12501	Sheriff PSB Predictive Analytics															
SHERIFF	WC12601	Training Academy Improvements															
SHERIFF	WC12701	CIF Pod 4B Food Chutes															
SHERIFF	WC12801	Training Academy HVAC-Plumbing Replacements															
SHERIFF	WC12901	MCSO Voice Analytics															
SHERIFF	WC13001	Lakefront Cameras & Video Analytics															
SHERIFF	WC13101	Sheriff Radio Replacement Placeholder															
SHERIFF	WC13201	Sheriff Radio Replacement-2018 (prv 2019)															
SHERIFF	WC13301	CIF Electronically Controlled Toilets															
SHERIFF	WC13401	Training Academy Parking Lot Replacement															
SHERIFF	WC13501	Courts Videoconferencing															
PARKS	WP52501	Point of Sale Replacement	890,000		890,000	890,000		890,000									
PARKS	WP20301	Kosciusko Community Center HVAC	3,580,512		3,580,512	3,580,512		3,580,512									
PARKS	WP51201	McKinley Marina Parking Lots	523,163	2,141,305	2,141,305	523,163		523,163									
PARKS	TBD	Parks Building Demolition-2019 (prv 2018)															
PARKS	WP55001	Parks Building Demolition-2018	176,456		176,456	176,456		176,456									
PARKS	WP53301	Cathedral Square Playground Replacement	133,609		133,609	133,609		133,609									
PARKS	WP53801	Root River Pkwy Recnstrc Pkwy-92nd and Parking Lot	135,162		135,162	135,162		135,162									
PARKS	WP32001	North Point Parking Lot	106,007		106,007	106,007		106,007									
PARKS	WP54601	Parks Bridge Inventory and Assessment	366,706		366,706	366,706		366,706									
PARKS	WP54501	Whitnall Golf Course Irrigation	1,209,436		1,209,436	1,209,436		1,209,436									
PARKS	WP54901	Parks Bender Safe Harbor Sedimentation Abatement	143,379		143,379	143,379		143,379									
PARKS	WP03904	Washington Park Bridge Replacements	108,948		108,948	108,948		108,948									
PARKS	WP62501	Drezka Park-Lighting, Stormwater, Parking Imprv	1,074,992		1,074,992	1,074,992		1,074,992									
PARKS	WC00701	Oak Creek Parkway- RR Tracks East to Chicago Ave	114,171		114,171	114,171		114,171									
PARKS	WP49801	Underwood Creek Pkwy Rd Rplcmnt-Bluemound to 119th	45,003		45,003	45,003		45,003									
PARKS	WP05046	Lincoln Park Baseball Lighting	200,000		200,000	200,000		200,000									
PARKS	WP55701	Parks Service Bldgs-New Garage Door Openings	246,347		246,347	246,347		246,347									
PARKS	WP54301	Parks ADA Inventory and Assessment	371,958		371,958	371,958		371,958									
PARKS	WP42501	Parkground Resurface - Hoyt, Gordon, Cool Waters	173,853		173,853	173,853		173,853									
PARKS	WP52301	Lake Park Steel Arch Bridge	487,205		487,205	487,205		487,205									
PARKS	WP55101	Pulaski Park Pavilion Exterior Improvements	46,207		46,207	46,207		46,207									
PARKS	WP54201	Sheridan Dressing Yard Replacement	96,636		96,636	96,636		96,636									
PARKS	WP34401	Replace Incandescent with HPS	918,475		918,475	918,475		918,475									
PARKS	WP54401	Parks McGarry Replace Electrical Service	118,084	118,574	118,574	118,084		118,084									
PARKS	WP41301	Greenfield Park Shelter RR #5 Replacement															
PARKS	WP55201	Franklin Park Ryan Creek Bridge Replacement															
PARKS	WP55601	New Berlin Trail Spur Rplcmnt-S 121st to S 124th															
PARKS	WP55301	Mitchell Park Conservatory Planning															
PARKS	WP62601	Cool Waters Overflow Parking Lot															
PARKS	WP53901	Root River Pkwy Recnstrc-Lincoln to Civid (east)															
PARKS	WP54001	Root River Pkwy Recnstrc-124th to Civid (west)															
PARKS	WP53401	Rainbow Park Playground Replacement															
PARKS	WP53501	Pulaski-Cudahy Park Playground Replacement															
PARKS	WP53601	Mitchell Airport Park Playground Replacement															
PARKS	WP54101	Replace Pool Filter Systems-Humboldt, Jacobus, and Alcott															

5- Year Capital Improvement Plan by County/Non-County Funding (All Departments-Excluding DOT-Airport) (a)

All Depts County-Wide																			
Project Description			2018 - BUDGET			2019			2020			2021			2022				
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total		
DEPT	Project	Project Description																	
PARKS	WP55801	McKinley Marina Parking Lots Pln Pchld			1,039,500	954,800	906,000	906,000	906,000	906,000	906,000	906,000	906,000	1,486,800	500,000	1,486,800	500,000	1,486,800	500,000
PARKS	WP56101	Park Pedestrian Bridge Replacement Program			500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
PARKS	WP42001	Tennis Courts-Planning Placeholder			400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
PARKS	WP40801	Basketball Courts-Planning Placeholder			200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
PARKS	WP56201	Replace failed Furnace or Boiler			100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
PARKS	WP40301	Baseball Fields-Planning Placeholder			500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
PARKS	WP55901	Mitchell Park Conservatory			250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	
PARKS	WP56301	KK Sports Parking Lot Replacement					19,000	19,000	19,000	19,000	19,000	19,000	19,000	19,000	19,000	19,000	19,000	19,000	
PARKS	WP32201	Currie Golf Parking Lot and Road					100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	
PARKS	WP32601	Washington Park Drive Reconstruction					76,000	76,000	76,000	76,000	76,000	76,000	76,000	760,000	760,000	760,000	760,000	760,000	
PARKS	WP56401	Wilson Recreation Roof Replacement												500,000	500,000	500,000	500,000	500,000	
PARKS	WP56501	Center Street Pavilion Restroom Renovation												300,000	300,000	300,000	300,000	300,000	
PARKS	WP56601	Dineen Boathouse Parking Lot Replacement												330,000	330,000	330,000	330,000	330,000	
PARKS	WP52701	Honey Creek Pkwy Reconstruction												132,000	132,000	132,000	132,000	132,000	
PARKS	WP52801	Grant Park Pavement Replacement												203,000	203,000	2,030,000	2,030,000	2,030,000	
PARKS	WP56701	OLT Replacement - Cupertino b/t SS marina and Russell												11,880	11,880	118,800	118,800	118,800	
PARKS	WP56801	OLT Replacement Warmintont b/t Pulaski and College												71,280	71,280	712,800	712,800	712,800	
PARKS	WP56901	KK Simmons Parking Lot Replacement												46,000	46,000	460,000	460,000	460,000	
PARKS	WP57001	Wilson Rec Cntr Svcce Rd-Main Parking lot-S 20th St												40,000	40,000	400,000	400,000	400,000	
PARKS	WP57101	Milwaukee River Pkwy Rd Rplcmnt-Hampton-Silver Spring												226,000	226,000	2,260,000	2,260,000	2,260,000	
PARKS	WP09801	McGovern Parking Lot Replacement												35,000	35,000	350,000	350,000	350,000	
PARKS	WP57201	Wilson Recreation HVAC Replacement												350,000	350,000	3,500,000	3,500,000	3,500,000	
PARKS	WP57301	Estabrook Service Public Restroom Renovation														300,000	300,000	300,000	
PARKS	WP57401	Washington Parking Lot near service building Replacement												64,000	64,000	640,000	640,000	640,000	
PARKS	WP32501	Dineen Parking Lot b/t Splash Pad and Svc Yard												55,000	55,000	550,000	550,000	550,000	
PARKS	WP57501	Estabrook Central (west of drive) Parking Lot Replacement												69,000	69,000	690,000	690,000	690,000	
PARKS	WP57601	Sports Complex HVAC Replacement												200,000	200,000	2,000,000	2,000,000	2,000,000	
PARKS	WP57701	Warmintont Road Replacement - Road to Golf Course												19,000	19,000	190,000	190,000	190,000	
PARKS	WP57801	Grant Service Employee Restroom Renovation														300,000	300,000	300,000	
PARKS	WP57901	Sports Complex Road Replacement - Ryan Rd to Complex												37,000	37,000	370,000	370,000	370,000	
PARKS	WP58001	Root River Picnic Area 2-2a Parking Lot Replacement												19,000	19,000	190,000	190,000	190,000	
PARKS	WP58101	Wisconsin Avenue Parking Lot Replacement												64,000	64,000	640,000	640,000	640,000	
PARKS	WP58201	Zablocki Parking Lot Replacement												28,000	28,000	280,000	280,000	280,000	
PARKS	WP41901	Greenfield Park Shelter #3 RR Replacement												100,000	100,000	1,000,000	1,000,000	1,000,000	
PARKS	WP58301	Estabrook South (east of drive) Parking Lot Replacement												26,000	26,000	260,000	260,000	260,000	
PARKS	WP58401	Greenfield Picnic Areas 5 and 1 Parking Lot Replacement												30,000	30,000	300,000	300,000	300,000	
PARKS	WP58501	Grantosa Pkwy Road Replacement Hwy 100 to Capitol												132,000	132,000	1,320,000	1,320,000	1,320,000	
PARKS	WP58601	Lake Locust St Parking Area Elimination												10,000	10,000	100,000	100,000	100,000	
PARKS	WP58701	Scout Lake Parking Lot Replacement												33,000	33,000	330,000	330,000	330,000	
PARKS	WP58801	Washington Bandshell Parking Lot Replacement												15,000	15,000	150,000	150,000	150,000	
PARKS	WP58901	Whitnall Park Rd Rplcmnt-Whitnall Way and 92nd St												69,000	69,000	690,000	690,000	690,000	
PARKS	WP59001	Whitnall Park Rd Rplcmnt-Play Area to Lilac Ln												47,000	47,000	470,000	470,000	470,000	
PARKS	WP59101	Whitnall Park Rd Rplcmnt-W Spur to 108th & Whitnall Way												50,000	50,000	500,000	500,000	500,000	
PARKS	WP59201	Doyle Parking Lot Replacement (reduce size)												43,000	43,000	430,000	430,000	430,000	
PARKS	WP59301	Menomonee River Pkwy Road Replacement 60th to 70th												136,000	136,000	1,360,000	1,360,000	1,360,000	
PARKS	WP49901	Root River Pkwy Reconstruct-Planning Placeholder												322,000	322,000	3,220,000	3,220,000	3,220,000	
PARKS	WP59401	Noyes Indoor Pool Restroom Renovation														500,000	500,000	500,000	
PARKS	WP59501	Pulaski Milw Indoor Pool Restroom Renovation														500,000	500,000	500,000	
PARKS	WP59601	Greenfield Service Roof Replacement														50,000	50,000	50,000	
PARKS	WP59701	Kulwicki Roof Replacement														100,000	100,000	100,000	
PARKS	WP59801	Dretzka Park Lighting Replacement														300,000	300,000	300,000	
PARKS	WP59901	Root River 1-1a Roof Replacement														50,000	50,000	50,000	
PARKS	WP68301	Brown Deer Park Driving Range			371,000	371,000													
PARKS	WP63301	Hales Corners Wading Pool Rehabilitation																	
PARKS	WP63401	Scout Lake Roof Replacement																	
PARKS	WP63501	Cooper Playground Replacement																	
PARKS	WP63601	Jackson Playground Replacement																	
PARKS	WP63701	Rose Playground Replacement																	
PARKS	WP63801	Kops Playground Replacement																	
PARKS	WP63901	Root River Lighting Replacement - Lincoln to National																	
PARKS	WP41401	Parks Walkways-Planning Placeholder																	
PARKS	WP09601	Storm Sewers Outfall Reconstruct-Planning Placeholder																	
PARKS	WP64001	Security System Placeholder																	
PARKS	WP09301	Pool Filter Replacement Program-Planning Placeholder																	
PARKS	WP09401	Pool Dressing Yard Replacements-Planning Placeholder																	
PARKS	WP09501	Parks ADA Access Improvement - Plan Placeholder																	
PARKS	WP41601	Parks Electrd Svc Replace-Planning Placeholder																	
PARKS	WP41701	Parks HVAC Replacement-Planning Placeholder																	
PARKS	WP09701	Streambank Stabilization Program-Planning Placeholder																	
PARKS	WP42301	Parks Building Demolition-Planning Placeholder																	
PARKS	WP64101	Beach Accessibility Placeholder																	
PARKS	WP42201	Parks Restroom Renovations-Planning Placeholder																	
PARKS	WP42101	Roof Replacement Program-Planning Placeholder																	
PARKS	WP06201	Golf Course Improvements-Planning Placeholder																	
PARKS	WP26701	Oak Leaf Trail Program-Planning Placeholder																	
PARKS	WP09201	Playground Replacement Prgm-Planning Placeholder																	

5- Year Capital Improvement Plan by County/Non-County Funding (All Departments-Excluding DOT-Airport) (a)

DEPT	Project	Project Description	2018 - BUDGET			2019			2020			2021			2022		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
PARKS	WP64201	Wifi Installation Placeholder				100,000		100,000	100,000		100,000			100,000			100,000
PARKS	WP64301	Kletsch Upper Pavilion Restroom Reno and Roof Rplcmnt				500,000		500,000									
PARKS	WP64301	Kletsch Upper Pavilion Restroom Reno and Roof Rplcmnt				500,000		500,000									
PARKS	WP49401	McKinley Marina Parking Lot Replacement (E-K)				132,000		132,000				1,000,000		1,000,000			1,000,000
PARKS	WP64401	Lincoln Golf Parking Lot Replacement				42,000		42,000									
PARKS	WP28201	Brown Deer Park Pavement Replacement				400,000		400,000									
PARKS	WP51701	Noyes Park Hard Surfaces				80,000		80,000									
PARKS	WP64501	OLT Replacement Good Hope to Calumet				23,760		23,760									
PARKS	WP62101	Holler Park Hard Surfaces				52,000		52,000									
PARKS	WP41501	Falk - Parking Lot				15,000		15,000									
PARKS	WP09101	Bender Park Road to Boat Launch Replacement				87,000		87,000									
PARKS	WP64601	Brown Deer Clubhouse Window Replacement				100,000		100,000									
PARKS	WP64701	Cuddy Nature Wall Removal and Roof Replacement				100,000		100,000									
PARKS	WP68201	Whitnail Clubhouse HVAC Replcmnt & Kitchen Remodel				906,600		906,600									
PARKS	WP37301	Underwood Creek Multi-Use Trail (100th to 115th)				24,000		24,000									
PARKS	WP34201	Brown Deer Cross Country Trail Bridge				100,000		100,000				500,000		500,000			500,000
PARKS	WP42601	Restroom Ventilation Rplmnt-Planning Placeholder				300,000		300,000									
PARKS	WP37201	McKinley Park Flushing Channel Seawall Replac				250,000		250,000				2,500,000		2,500,000			
PARKS	WP30201	Playground Resurfacing Prgm-Planning Placeholder				375,000		375,000									
PARKS	WP64801	Etabrook Dam Parking Lot Elimination				17,000		17,000				170,000		170,000			
PARKS	WP64901	Brown Deer Boathouse Lower Restroom Renovation				300,000		300,000									
PARKS	WP65001	Grant Clubhouse Trim and Siding Replacement				120,000		120,000									
PARKS	WP65101	Kosciusko Gym Roof Replacement				200,000		200,000									
PARKS	WP65201	Warminot Clubhouse Roof Replacement				30,000		30,000									
PARKS	WP65301	Wilson Recreation Emergency Exit Door Replacement				100,000		100,000									
PARKS	WP65401	Grant 3 Playground Replacement				275,000		275,000									
PARKS	WP55501	Amphibian Exclusion Barrier (Falk Park)				100,000		100,000									
PARKS	WP65501	Humboldt Pavilion HVAC Replacement				80,000		80,000				800,000		800,000			
PARKS	WP65601	Lincoln Blatz - new AC and upgrade Electrical				300,000		300,000									
PARKS	WP65701	Center Street Park Playground Replacement										275,000		275,000			
PARKS	WP36701	Cool Waters Aquatic Center Runout Slide										120,000		120,000			
PARKS	WP65801	Currie Golf Cart Paths										500,000		500,000			
PARKS	WP65901	Dineen Park Playground Replacement										275,000		275,000			
PARKS	WP66001	Dretka Chalet Parking Lot Replacement (reduce size)										69,000		69,000			
PARKS	WP66101	Grobschmidt Bathhouse Roof Replacement										125,000		125,000			
PARKS	WP66201	KK-Sports Restroom Renovation										300,000		300,000			
PARKS	WP66301	Kosciusko Aquatic Center Playground Replacement										180,000		180,000			
PARKS	WP66401	Lake Michigan Shoreline Stabilization - Sheridan Park										5,000,000		5,000,000			
PARKS	WP41801	Lincoln Park Walkways										1,200,000		1,200,000			
PARKS	WP66501	Lincoln South Parking Lot Replacement										50,000		50,000			
PARKS	WP47301	Little Minnie River Pkwy Rd Rplcmnt-Appleton-Leon Tree										1,700,000		1,700,000			
PARKS	WP66601	Lyons Playground Replacement										275,000		275,000			
PARKS	WP66701	McCarthy Pavilion Roof Replacement										100,000		100,000			
PARKS	WP66801	Mitchell Blvd Playground Replacement										275,000		275,000			
PARKS	WP66901	Mitchell Lagoon Pavilion Restroom Renovation										300,000		300,000			
PARKS	WP67001	Noyes Indoor Pool Clerestory Window Replacement										200,000		200,000			
PARKS	WP67101	Oakwood Clubhouse HVAC Replacement										50,000		50,000			
PARKS	WP67201	Pulaski Indoor Pool Clerestory Window Replacement										200,000		200,000			
PARKS	WP67301	Tippecanoe Playground Replacement										275,000		275,000			
PARKS	WP67401	Underwood Creek Pkwy Rd Rplcmnt-Roundabout to Swan										340,000		340,000			
PARKS	WP67501	Warminot Clubhouse Restroom Renovation															
PARKS	WP67601	Warminot Golf Irrigation															
PARKS	WP67701	Wedgewood Wading Pool Rehabilitation										275,000		275,000			
PARKS	WP67801	Wehr Connection to Municipal Water										250,000		250,000			
PARKS	WP67901	Wehr Nature Center Restroom Renovation															
PARKS	WP68001	Wisconsin Avenue Playground Replacement										275,000		275,000			
PARKS	WP68101	Zablocki Golf Restroom Renovation										300,000		300,000			
WMC-MAM	WO52102	Boiler Replacement															
WMC-MAM	WO53801	Chiller Operation Ice Bank															
WMC-MAM	WO52302	Electrical Gear & Substation Replace (Sarinien)															
WMC-MAM	WO53901	Electrical Gear & Substation Replace (Kahler)															
WMC-MAM	WO52401	Veterans Gallery Windows				800,000		800,000				800,000		800,000			
WMC-MAM	WO52501	War Memorial Terrace										125,000		125,000			
															300,000		300,000

5- Year Capital Improvement Plan by County/Non-County Funding (All Departments-Excluding DOT-Airport) (a)																		
DEPT	All Depts County-Wide			2018 - BUDGET			2019			2020			2021			2022		
	Project	Project Description		County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
ZOO	WZ11801	Hippopotamus Exhibit Renovations		1,400,000	2,600,000	4,000,000	1,400,000	2,600,000	4,000,000	1,700,000	1,700,000	3,400,000	2,150,000	2,150,000	4,300,000	400,000	400,000	800,000
ZOO	WZ14101	Zoo Adventure Africa-Rhinos Exhibit		400,000	400,000	800,000	400,000	400,000	800,000							400,000	800,000	400,000
ZOO	WZ16601	East Entry Retail/Admin Offices Relocation														200,000	200,000	400,000
ZOO	WZ17001	Alaska's Cold Coast																
ZOO	WZ17101	Farm Walk-about & Site Improvements		52,071	52,071	104,142	52,071	52,071	104,142	252,825	252,825	505,650						
ZOO	WZ13501	Zoo Aquatic & Reptile Center Structural Repairs		601,713	601,713	1,203,426	601,713	601,713	1,203,426									
ZOO	WZ16001	Zoo Flamingo Cafe and Admin Bldg Roof Replace																
Total Funding by YEAR:				\$45,051,927	\$8,523,588	\$53,575,515	\$47,086,744	\$27,594,685	\$74,681,429	\$116,902,378	\$17,210,314	\$134,112,692	\$113,526,334	\$12,224,236	\$125,750,570	\$346,057,932	\$17,453,750	\$363,511,682
Total Projects by YEAR:				28	28	56	147,086,744	227	174,681,429	142	130	272	136	136	272	136	136	272
Total County Funding over 5 Years (2018 - 2022):				\$768,625,315														
Total Non-County Funding over 5 Years (2018 - 2022):				\$83,006,573														
Total # of Capital Projects over 5 Years (2018 - 2022):				663														

The Table (a) above reflects the County-Wide 2018 BUDGET appropriations while 2019 - 2022 represent the County-wide Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year.

Table (a1) illustrates the County-Wide 2018 - 2022 Capital Improvement Plan.

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): ALL Departments (b)																		
			2018 - BUDGET			2019			2020			2021			2022			
			BUDGET (ALL DEPTS)	BUDGET Cnty Bond/Cash & Non-Cnty \$s	Est Funding (Gap) / Surplus	ALL DEPTS	Est Cnty Bond/Cash & Non-Cnty \$s	Est Funding (Gap) / Surplus	ALL DEPTS	Est Cnty Bond/Cash & Non-Cnty \$s	Est Funding (Gap) / Surplus	ALL DEPTS	Est Cnty Bond/Cash & Non-Cnty \$s	Est Funding (Gap) / Surplus	ALL DEPTS	Est Cnty Bond/Cash & Non-Cnty \$s	Est Funding (Gap) / Surplus	
County Funding:			45,051,927	49,586,695	(4,534,768)	147,086,744	54,532,462	(92,554,282)	116,902,378	56,168,437	(60,733,941)	113,526,334	57,853,490	(55,672,844)	346,057,932	59,589,095	(286,468,837)	
Non-County Funding:			8,523,588	8,523,588	0	27,594,685	27,594,685	0	17,210,314	17,210,314	0	12,224,236	12,224,236	0	17,453,750	17,453,750	0	
Total County + Non-County Funding:			53,575,515	58,110,283	(4,534,768)	174,681,429	82,127,147	(92,554,282)	134,112,692	73,378,751	(60,733,941)	125,750,570	70,077,726	(55,672,844)	363,511,682	77,042,845	(286,468,837)	
			2018 - NON-FUNDED REQS + BUDGET (b1)															
County Funding:			96,475,304	49,586,695	(46,888,609)													
Non-County Funding:			9,916,088	8,523,588	(1,392,500)													
Total County + Non-County Funding:			106,391,392	58,110,283	(48,281,109)													

The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 (assuming the adjusted Bond Cap of \$39,669,356 and Cash Goal of \$9,917,339) and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding. Years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.

Table (b1) reflects all County-Wide 2018 Departmental Requests relative to the (adjusted) 2018 COUNTY and NON-COUNTY Funding. The Table is included in order to illustrate the Funding Gap relative to the County-Wide capital requirements. 2018 Departmental Requests NOT included in the 2018 BUDGET are moved to 2019 (102 Requested Capital Projects totalling \$51,423,377 in COUNTY funding and \$1,392,500 in NON-COUNTY funding are shifted from 2018 to 2019.

NOTE: AsDOT-AirportCapitalProjects within the5-YearCapitalImprovement Plan do not include General Obligation Bond, SalesTax,orTaxLevy financing, those projects ,excluded from this report. The D O T -Airport5-Year CapitalImprovement Plan is includedin a separate report (see page 85).

THIS PAGE INTENTIONALLY
LEFT BLANK.

**2018 ADOPTED CAPITAL IMPROVEMENTS
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
2018 - 2022**

BY DEPARTMENT

THIS PAGE INTENTIONALLY
LEFT BLANK.

5-Year Capital Improvement Plan by County/Non-County Funding: DOT-HWY (a)																	
DEPT	Project	Project Description	2018 - BUDGET			2019			2020			2021			2022		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DOT-HWY	WH01006	Reconstruct CTH "V" Layton Avenue 27th to 43rd	100,000	320,000	420,000				86,000	344,000	430,000	850,000	3,400,000	4,250,000			
DOT-HWY	WH01008	Reconstruct CTH "N" South 92nd Street	275,000		275,000	2,397,000	1,203,000	3,600,000				175,000		175,000	700,000	700,000	1,400,000
DOT-HWY	WH01014	N. P. Washington Rd.: Daphne to Good Hope															
DOT-HWY	WH01016	Reconst. 13th: Drexel to Rawson	1,040,000	3,960,000	5,000,000												
DOT-HWY	WH01022	Reconstruct, S.13th St. Puetz to Drexel				110,000	440,000	550,000	60,000	240,000	300,000	900,000	3,600,000	4,500,000			
DOT-HWY	WH01023	Reconstruct, S. 76th St., County Line to Puetz				100,000	400,000	500,000	125,000	500,000	625,000	125,000	500,000	625,000	2,760,000	11,040,000	13,800,000
DOT-HWY	WH02017	W. Layton Ave. - S. 76th St. to S. 60th St.							175,000		175,000	800,000	650,000	1,450,000			
DOT-HWY	WH02018	W. Layton Ave. - S. 60th St. to W. Loomis Rd.										175,000		175,000	800,000	650,000	1,450,000
DOT-HWY	WH02019	N Teutonia Ave. (W. Good Hope to W. Bradley)	2,950,000	1,458,000	4,408,000												
DOT-HWY	WH03014	W. Vienna Ave. - Menomonee River #771															
DOT-HWY	WH10601	Short Term CTH Rehabilitation-Planning Placeholder				500,000		500,000				500,000		500,000	174,000	696,000	870,000
DOT-HWY	TBD	Short Term CTH Rehabilitation-2019 (prv 2018)															
DOT-HWY	WH10701	Short Term CTH Rehabilitation-2018															
DOT-HWY	WH09201	S. 76th St. & W. Layton Ave. Adapt Signal System				100,000	340,000	440,000									
DOT-HWY	WH09401	W. Rawson Ave Int w/ 10th St. & 6th St.				507,500	692,500	1,200,000									
DOT-HWY	WH09501	W. Rawson Ave- S. 27th St to S. 20th St.				100,000	360,000	460,000	600,000	2,400,000	3,000,000	65,000	260,000	325,000	65,000	260,000	325,000
DOT-HWY	WH09601	S.13th St. - W. Ryan Rd to W. Puetz Rd.							65,000	260,000	325,000						
DOT-HWY	WH09701	E. North Ave Bridge over Oak Leaf Bike Trail							237,930	951,720	1,189,650	51,659	206,634	258,293			
DOT-HWY	WH09801	S. 76th St. Bridge over Loomis Rd.															
DOT-HWY	WH10001	S. 13th St. Bridge over Oak Creek													34,000	136,000	170,000
DOT-HWY	WH10101	N. Oakland Ave. Bridge over Oak Leaf Bike Trail													40,000	160,000	200,000
DOT-HWY	WH10201	S. 76th St. Bridge over W. Forest Home Ave.													34,000	136,000	170,000
DOT-HWY	WH10301	W. Good Hope Rd. #374 over Milwaukee River															
DOT-HWY	WH10401	W. Good Hope Rd. #375 over Milwaukee River													34,000	136,000	170,000
DOT-HWY	WH24201	North Shop Improvements				8,300,000		8,300,000				1,730,250		1,730,250			
DOT-HWY	WH24001	W. Rawson (CTH BB) USH 45 to Hawthorne Ln				300,000		300,000	150,000		150,000	1,607,000	793,000	2,400,000			
DOT-HWY	WH10801	W. College Ave (31st/34th) Box Clvt/Railing Rprs				250,000		250,000									
DOT-HWY	WH10901	Signal Install at W. Good Hope Rd. & Pierson															
DOT-HWY	WH11001	W. Beloit Rd (CTH T) S. 124th St. to S. Wolmer Rd				125,000		125,000	350,000		350,000	200,000		200,000	2,300,000	700,000	3,000,000
DOT-HWY	WH11101	W. Forest Home Ave (CTHOOD)-Hi-View Dr to S N Cape				200,000		200,000	200,000		200,000	100,000		100,000	1,800,000	1,400,000	3,200,000
DOT-HWY	WH11201	W. Good Hope Rd Bridge Replacement (B-40-0370)							274,752	1,099,008	1,373,760						
DOT-HWY	WH11301	W. Hampton Ave. Bridge P-40-0750 Rehabilitation				27,296	109,185	136,481				166,151	664,602	830,753			
DOT-HWY	WH11401	Mill Rd Bridge B-40-0936 Rehabilitation							28,897	115,586	144,483				175,893	703,750	879,643
DOT-HWY # of Capital Projects by YEAR:			4,680,000	5,738,000	10,418,000	13,016,796	3,544,685	16,561,481	2,852,579	5,910,314	8,762,893	7,445,060	10,074,236	17,519,296	9,450,893	16,853,750	26,304,643
DOT-HWY # of Capital Projects by YEAR:			5	13	13	13	13	13	14	14	14	14	14	14	14	14	14

The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): DOT-HWY (b)														
2018 - BUDGET			2019			2020			2021			2022		
DOT-HWY	BUDGET	% to DOT-HWY	DOT-HWY	Est Cnty Bond/Cash & Non-Cnty \$\$	% to DOT-HWY	DOT-HWY	Est Cnty Bond/Cash & Non-Cnty \$\$	% to DOT-HWY	DOT-HWY	Est Cnty Bond/Cash & Non-Cnty \$\$	% to DOT-HWY	DOT-HWY	Est Cnty Bond/Cash & Non-Cnty \$\$	% to DOT-HWY
4,680,000	45,051,927	10.4%	13,016,796	54,532,462	23.9%	2,852,579	56,168,437	5.1%	7,445,060	57,853,490	12.9%	9,450,893	59,589,095	15.9%
5,738,000	8,523,588	67.3%	3,544,685	27,594,685	12.8%	5,910,314	17,210,314	34.3%	10,074,236	12,224,236	82.4%	16,853,750	17,453,750	96.6%
10,418,000	53,575,515	19.4%	16,561,481	82,127,147	20.2%	8,762,893	73,378,751	11.9%	17,519,296	70,077,726	25.0%	26,304,643	77,042,845	34.1%
The Table (b) above reflects the annual % of total County and Non-County funding by Departments, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for County funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.														

The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or TaxLevyfinancing, those projectsareexcludedfrom this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: DOT-TRANSIT (a)																	
Dept of Transportation - Transit / Paratransit System			2018 - BUDGET			2019			2020			2021			2022		
DEPT	Project	Project Description	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DOT-TRANSIT	WT10301	Bus Replacement Program-Planning Placeholder	10,850,915	2,649,085	13,500,000	12,500,000	2,800,000	15,300,000	6,000,000	9,600,000	15,600,000				48,600,000		48,600,000
DOT-TRANSIT	WT10401	Bus Replacement Program-2018				4,500,000	18,000,000	22,500,000									
DOT-TRANSIT	WT08301	Bus Rapid Transit				1,019,331		1,019,331									
DOT-TRANSIT	WT08601	FDL Garage Employee Parking Lot/Lighting				449,317		449,317	2,239,056		2,239,056						
DOT-TRANSIT	WT07801	KK Garage Roof Replacement				614,302		614,302	3,063,975		3,063,975						
DOT-TRANSIT	WT07901	Replace MCTS Fleet Maintenance Roof				850,743		850,743									
DOT-TRANSIT	WT10701	Bus Lift Replacement 1-4 (Maint Facility)				424,858		424,858									
DOT-TRANSIT	WT10601	Bus Lift Replacement 1 - 2 (KK Garage)				200,000		200,000									
DOT-TRANSIT	WT10501	Maintenance Work Order System (Transit)				2,500,000		2,500,000									
DOT-TRANSIT	WT10801	HVAC Replacement-KK Bus Storage/Washhouse				550,000		550,000									
DOT-TRANSIT	WT10901	Bus Lift Replacement 5-8 (Maint Facility)				175,000		175,000									
DOT-TRANSIT	WT11001	Glass Panel Wall Replacement-Transit Admin Bldg				750,000		750,000									
DOT-TRANSIT	WT11101	Concrete Yard Replacement (KK Garage site)				275,000		275,000									
DOT-TRANSIT	WT11201	Bus Lift Replacement (FDL Garage)				750,000		750,000									
DOT-TRANSIT	WT11301	Garage Door System (Transit Garages/Maint Fcty)							750,000		750,000						
DOT-TRANSIT	WT11401	Lighting Improvements (FDL Garage)															
DOT-TRANSIT	WT11501	Lighting Improvements (KK Garage)							750,000		750,000						
DOT-TRANSIT	WT07701	FDL Garage Roof Replacement	502,468		502,468												
DOT-TRANSIT	WT11601	Bus Lift Decking Replacement (FDL Garage)							200,000		200,000						
DOT-TRANSIT	WT05901	MCTS Admin Building Lighting Upgrades							750,000		750,000						
DOT-TRANSIT	WT08001	MCTS Fleet Maintenance Lighting Upgrades															
DOT-TRANSIT	WT06101	Interior Painting (FDL Garage)															
DOT-TRANSIT	WT11701	Phone and Voicemail Replacement - MCTS				310,000		310,000									
DOT-TRANSIT	WT11801	Bus Lift Replacement 3 - 4 (KK Garage)				450,000		450,000									
DOT-TRANSIT	WT11901	Bus Lift Replacement 5 - 6 (KK Garage)							475,000		475,000						
DOT-TRANSIT	WT12001	Bus Lift Replacement 7 - 9 (KK Garage)															
DOT-TRANSIT Capital Project Funding by YEAR:			11,353,383	2,649,085	14,002,468	26,318,551	20,800,000	47,118,551	14,228,031	9,600,000	23,828,031	1,500,000	0	1,500,000	48,875,000	0	48,875,000
DOT-TRANSIT # of Capital Projects by YEAR:			2			16			8	2		2			2		

The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): DOT-TRANSIT (b)															
2018 - BUDGET			2019			2020			2021			2022			
DOT-TRANSIT	BUDGET	% to DOT-TRANSIT	DOT-TRANSIT	Est Cnty Bond/Cash & Non-Cnty \$s	% to DOT-TRANSIT	DOT-TRANSIT	Est Cnty Bond/Cash & Non-Cnty \$s	% to DOT-TRANSIT	DOT-TRANSIT	Est Cnty Bond/Cash & Non-Cnty \$s	% to DOT-TRANSIT	DOT-TRANSIT	Est Cnty Bond/Cash & Non-Cnty \$s	% to DOT-TRANSIT	
County Funding:	11,353,383	45,051,927	25.2%	26,318,551	54,532,462	48.3%	14,228,031	56,168,437	25.3%	1,500,000	57,853,490	2.6%	48,875,000	59,589,095	82.0%
Non-County Funding:	2,649,085	8,523,588	31.1%	20,800,000	27,594,685	75.4%	9,600,000	17,210,314	55.8%	0	12,224,236	0.0%	0	17,453,750	0.0%
Total County + Non-County Funding:	14,002,468	53,575,515	26.1%	47,118,551	82,127,147	57.4%	23,828,031	73,378,751	32.5%	1,500,000	70,077,726	2.1%	48,875,000	77,042,845	63.4%

The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or TaxLevyfinancing, those projectsareexcludedfrom this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: DOT-FLEET (a)																	
DEPT	Project	Project Description	2018 - BUDGET			2019			2020			2021			2022		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DOT-FLEET	WO31101	Fleet General Equipment-2018	3,233,486		3,233,486												
DOT-FLEET	WO31201	Sheriff Fleet Equipment-2018	1,000,000		1,000,000												
DOT-FLEET	WO31301	House of Correction Fleet Equipment-2018	141,000		141,000												
DOT-FLEET	WO31401	Fleet Parks Equipment-2018	3,575,832		3,575,832												
DOT-FLEET	WO31501	Fleet General Equipment-Planning Placeholder				3,189,271		3,189,271	4,718,479		4,718,479	4,651,713		3,631,592		3,631,592	
DOT-FLEET	WO31601	Sheriff Fleet Equipment-Planning Placeholder				840,000		840,000	840,000		840,000	850,000		1,000,000		1,000,000	
DOT-FLEET	WO31701	House of Correction Fleet Equip-Plan Placeholder				255,000		255,000	260,000		260,000	265,000		260,000		260,000	
DOT-FLEET	WO31801	Fleet Parks Equipment-Planning Placeholder				2,800,000		2,800,000	2,520,000		2,520,000	2,430,000		3,180,773		3,180,773	
DOT-FLEET	WO17501	Fleet Central Garage Roof Replacement	2,838,064		2,838,064	3,311,414		3,311,414									
DOT-FLEET	WO10701	Fleet Window Replacement				329,178		329,178									
DOT-FLEET	WO19801	Fuel Transaction Software	261,861		261,861												
DOT-FLEET Capital Project Funding by YEAR:			11,050,243	0	11,050,243	10,724,863	0	10,724,863	8,338,479	0	8,338,479	8,196,713	0	8,072,365	0	8,072,365	
DOT-FLEET # of Capital Projects by YEAR:			6			6			4			4		4		4	

The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): DOT-FLEET (b)														
2018 - BUDGET			2019			2020			2021			2022		
DOT-FLEET	BUDGET	% to DOT-FLEET	DOT-FLEET	Est Cnty Bond/Cash & Non-Cnty \$	% to DOT-FLEET	DOT-FLEET	Est Cnty Bond/Cash & Non-Cnty \$	% to DOT-FLEET	DOT-FLEET	Est Cnty Bond/Cash & Non-Cnty \$	% to DOT-FLEET	DOT-FLEET	Est Cnty Bond/Cash & Non-Cnty \$	% to DOT-FLEET
11,050,243	45,051,927	24.5%	10,724,863	54,532,462	19.7%	8,338,479	56,168,437	14.8%	8,196,713	57,853,490	14.2%	8,072,365	59,589,095	13.5%
0	8,523,588	0.0%	0	17,210,314	0.0%	0	73,378,751	0.0%	0	12,224,236	0.0%	0	17,453,750	0.0%
11,050,243	53,575,515	20.6%	10,724,863	82,127,147	13.1%	8,338,479	13,717,561	11.4%	8,196,713	70,077,726	11.7%	8,072,365	77,042,845	10.5%
County Funding: 11,050,243														
Non-County Funding: 0														
Total County + Non-County Funding: 11,050,243														

The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or TaxLevyfinancing, those projectsareexcludedfrom this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: PARKS (a)																		
DEPT	Project	Project Description	2018 - BUDGET			2019			2020			2021			2022			
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	
PARKS	WP52501	Point of Sale Replacement			890,000	890,000												
PARKS	WP20301	Kosciusko Community Center HVAC			3,580,512	3,580,512												
PARKS	WP51201	McKinley Marina Parking Lots	2,141,305		2,141,305													
PARKS	TBD	Parks Building Demolition-2019 (prv 2018)																
PARKS	WP55001	Parks Building Demolition-2018			523,163	523,163												
PARKS	WP53301	Cathedral Square Playground Replacement			176,456	176,456												
PARKS	WP53801	Root River Pkwy Recnstric Pkwy-92nd and Parking Lot			133,609	133,609												
PARKS	WP32001	North Point Parking Lot			135,162	135,162												
PARKS	WP54601	Parks Bridge Inventory and Assessment			106,007	106,007												
PARKS	WP54501	Whitnall Golf Course Irrigation			366,706	366,706												
PARKS	WP54901	Parks Bender Safe Harbor Sedimentation Abatement			1,209,436	1,209,436												
PARKS	WP03904	Washington Park Bridge Replacements			143,379	143,379												
PARKS	WP62501	Dretzka Park-Lighting, Stormwater, Parking Imprv			108,948	108,948												
PARKS	WP00701	Oak Creek Parkway- RR Tracks East to Chicago Ave			1,074,992	1,074,992												
PARKS	WP49801	Underwood Creek Pkwy Rd Rplcmnt-Bluemound to 119th			114,171	114,171												
PARKS	WP05046	Lincoln Park Baseball Lighting			45,003	45,003												
PARKS	WP55701	Parks Service Bldgs-New Garage Door Openings			200,000	200,000												
PARKS	WP54301	Parks ADA Inventory and Assessment			246,347	246,347												
PARKS	WP42501	Playground Resurface - Hoyt, Gordon, Cool Waters			371,958	371,958												
PARKS	WP52301	Lake Park Steel Arch Bridge			173,853	173,853												
PARKS	WP55101	Pulaski Park Pavilion Exterior Improvements			487,205	487,205												
PARKS	WP54201	Sheridan Dressing Yard Replacement			46,207	46,207												
PARKS	WP34401	Replace Incandescent with HPS			96,636	96,636												
PARKS	WP54401	Parks McCarty Replace Electrical Service	118,574		118,574													
PARKS	WP41301	Greenfield Park Shelter RR #5 Replacement																
PARKS	WP55201	Franklin Park Ryan Creek Bridge Replacement			136,503	136,503												
PARKS	WP55601	New Berlin Trail Spur Rplcmnt-S 121st to S 124th																
PARKS	WP55301	Mitchell Park Conservatory Planning	320,000		320,000													
PARKS	WP62601	Cool Waters Overflow Parking Lot																
PARKS	WP53901	Root River Pkwy Recnstric-Lincoln to Civid (east)			87,166	87,166												
PARKS	WP54001	Root River Pkwy Recnstric-124th to Civid (west)			172,455	172,455												
PARKS	WP53401	Rainbow Park Playground Replacement			114,457	114,457												
PARKS	WP53501	Pulaski-Cudahy Park Playground Replacement			268,924	268,924												
PARKS	WP53601	Mitchell Airport Park Playground Replacement			268,924	268,924												
PARKS	WP54101	Replace Pool Filter Systems-Humboldt, Jacobus, and Alcott			210,000	210,000												
PARKS	WP55801	McKinley Marina Parking Lots Pin Plchld			1,039,500	1,039,500												
PARKS	WP56101	Park Pedestrian Bridge Replacement Program			500,000	500,000												
PARKS	WP42001	Tennis Courts-Planning Placeholder			400,000	400,000												
PARKS	WP40801	Basketball Courts-Planning Placeholder			200,000	200,000												
PARKS	WP56201	Replace failed Furnace or Boiler			100,000	100,000												
PARKS	WP40301	Baseball Fields-Planning Placeholder			500,000	500,000												
PARKS	WP55901	Mitchell Park Conservatory			250,000	250,000												
PARKS	WP56301	KK Sports Parking Lot Replacement																
PARKS	WP32201	Currie Golf Parking Lot and Road																
PARKS	WP32601	Washington Park Drive Reconstruction																
PARKS	WP56401	Wilson Recreation Roof Replacement																
PARKS	WP56501	Center Street Pavilion Restroom Renovation																
PARKS	WP56601	Dineen Boathouse Parking Lot Replacement																
PARKS	WP52701	Honey Creek Pkwy Reconstruction																
PARKS	WP52801	Grant Park Pavement Replacement																
PARKS	WP56701	OLT Replacement - Cupertino b/t SS marina and Russell																
PARKS	WP56801	OLT Replacement Warmintont b/t Pulaski and College																
PARKS	WP56901	KK Simmons Parking Lot Replacement																
PARKS	WP57001	Wilson Rec Cntr Svce Rd-Main Parking lot-S 20th St																
PARKS	WP57101	Milwaukee River Pkwy Rd Rplcmnt-Hampton-Silver Spring																
PARKS	WP09801	McGovern Parking Lot Replacement																
PARKS	WP57201	Wilson Recreation HVAC Replacement																
PARKS	WP57301	Estabrook Service Public Restroom Renovation																
PARKS	WP57401	Washington Parking Lot near service building Replacement																
PARKS	WP32501	Dineen Parking Lot b/t Splash Pad and Svc Yard																
PARKS	WP57501	Estabrook Central (west of drive) Parking Lot Replacement																
PARKS	WP57601	Sports Complex HVAC Replacement																
PARKS	WP57701	Warminont Road Replacement - Road to Golf Course																
PARKS	WP57801	Grant Service Employee Restroom Renovation																
PARKS	WP57901	Sports Complex Road Replacement - Ryan Rd to Complex																
PARKS	WP58001	Root River Picnic Area 2-2a Parking Lot Replacement																
PARKS	WP58101	Wisconsin Avenue Parking Lot Replacement																
PARKS	WP58201	Zablocki Parking Lot Replacement																
PARKS	WP41901	Greenfield Park Shelter #3 RR Replacement																
PARKS	WP58301	Estabrook South (east of drive) Parking Lot Replacement																
PARKS	WP58401	Grantosa Pkwy Road Replacement Hwy 100 to Capitol																
PARKS	WP58501	Lake Locust St Parking Area Elimination																
PARKS	WP58701	Scout Lake Parking Lot Replacement																
PARKS	WP58801	Washington Bandshell Parking Lot Replacement																
PARKS	WP58901	Whitnall Park Rd Rplcmnt-Whitnall Way and 92nd St																

5-Year Capital Improvement Plan by County/Non-County Funding: PARKS (a)

DEPT	Project	Project Description	2018 - BUDGET			2019			2020			2021			2022		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
PARKS	WP59001	Whitnall Park Rd Rplcmnt-Play Area to Lilac Ln										47,000		47,000	470,000		470,000
PARKS	WP59101	Whitnall Park Rd Rplcmnt-W Spur to 108th & Whitnall Way										50,000		50,000	500,000		500,000
PARKS	WP59201	Doyley Parking Lot Replacement (reduce size)										43,000		43,000	430,000		430,000
PARKS	WP59301	Menomonee River Pkwy Road Replacement 60th to 70th										136,000		136,000	1,360,000		1,360,000
PARKS	WP49901	Root River Pkwy Reconst-Planning Placeholder										322,000		322,000	3,220,000		3,220,000
PARKS	WP59401	Noyes Indoor Pool Restroom Renovation													500,000		500,000
PARKS	WP59501	Pulaski Millw Indoor Pool Restroom Renovation													500,000		500,000
PARKS	WP59601	Greenfield Service Roof Replacement													50,000		50,000
PARKS	WP59701	Kulwicki Roof Replacement													100,000		100,000
PARKS	WP59801	Dretzka Park Lighting Replacement													300,000		300,000
PARKS	WP59901	Root River 1-1a Roof Replacement				371,000		371,000							50,000		50,000
PARKS	WP68301	Brown Deer Park Driving Range															
PARKS	WP63301	Hales Corners Wading Pool Rehabilitation															
PARKS	WP63401	Scout Lake Roof Replacement															
PARKS	WP63501	Cooper Playground Replacement															
PARKS	WP63601	Jackson Playground Replacement															
PARKS	WP63701	Rose Playground Replacement															
PARKS	WP63801	Kops Playground Replacement															
PARKS	WP63901	Root River Lighting Replacement - Lincoln to National															
PARKS	WP41401	Parks Walkways-Planning Placeholder				500,000		500,000				500,000		500,000	500,000		500,000
PARKS	WP09601	Storm Sewers Outfall Reconstruct-Planning Placeholder				250,000		250,000				250,000		250,000	250,000		250,000
PARKS	WP09601	Security System Placeholder				70,000		70,000				70,000		70,000	70,000		70,000
PARKS	WP09301	Pool Filter Replacement Program-Planning Placeholder				200,000		200,000				200,000		200,000	200,000		200,000
PARKS	WP09401	Pool Dressing Yard Replacements-Planning Placeholder				450,000		450,000				450,000		450,000	450,000		450,000
PARKS	WP09501	Parks ADA Access Improvement - Plan Placeholder				250,000		250,000				250,000		250,000	250,000		250,000
PARKS	WP41601	Parks Electrd Svc Replace-Planning Placeholder				500,000		500,000				500,000		500,000	500,000		500,000
PARKS	WP41701	Parks HVAC Replacement-Planning Placeholder				200,000		200,000				200,000		200,000	200,000		200,000
PARKS	WP09701	Streambank Stabilization Program-Planning Placeholder				300,000		300,000				300,000		300,000	300,000		300,000
PARKS	WP42301	Parks Building Demolition-Planning Placeholder				100,000		100,000				100,000		100,000	100,000		100,000
PARKS	WP64101	Beach Accessibility Placeholder				300,000		300,000				300,000		300,000	300,000		300,000
PARKS	WP42201	Parks Restroom Renovations-Planning Placeholder															
PARKS	WP42101	Roof Replacement Program-Planning Placeholder															
PARKS	WP06201	Golf Course Improvements-Planning Placeholder															
PARKS	WP26701	Oak Leaf Trail Program-Planning Placeholder															
PARKS	WP09201	Playground Replacement Prgm-Planning Placeholder															
PARKS	WP64201	Wifi Installation Placeholder				100,000		100,000				100,000		100,000	100,000		100,000
PARKS	WP64301	Kletsch Upper Pavilion Restroom Reno and Roof Rplcmnt				500,000		500,000									
PARKS	WP49401	Mckinley Marina Parking Lot Replacement (E-K)				132,000		132,000				1,320,000		1,320,000	1,000,000		1,000,000
PARKS	WP64401	Lincoln Golf Parking Lot Replacement				42,000		42,000				420,000		420,000	400,000		400,000
PARKS	WP28201	Brown Deer Park Pavement Replacement				400,000		400,000				4,000,000		4,000,000	800,000		800,000
PARKS	WP51701	Noyes Park Hard Surfaces				80,000		80,000				800,000		800,000	237,600		237,600
PARKS	WP64501	OLT Replacement Good Hope to Calumet				23,760		23,760				237,600		237,600	468,000		468,000
PARKS	WP62101	Holler Park Hard Surfaces				52,000		52,000				150,000		150,000	150,000		150,000
PARKS	WP41501	Falk - Parking Lot				15,000		15,000				87,000		87,000	870,000		870,000
PARKS	WP09101	Bender Park Road to Boat Launch Replacement				87,000		87,000				100,000		100,000			
PARKS	WP64601	Brown Deer Clubhouse Window Replacement				100,000		100,000				100,000		100,000			
PARKS	WP64701	Cudahy Nature Wall Removal and Roof Replacement				100,000		100,000									
PARKS	WP68201	Whitnall Clubhouse HVAC Rplcmnt & Kitchen Remodel				906,600		906,600									
PARKS	WP37301	Underwood Creek Multi-Use Trail (100th to 115th)				24,000		24,000				240,000		240,000	500,000		500,000
PARKS	WP34201	Brown Deer Cross Country Trail Bridge				100,000		100,000				500,000		500,000			
PARKS	WP42601	Restroom Ventilation Rplmnt-Planning Placeholder				300,000		300,000									
PARKS	WP37201	Mckinley Park Flushing Channel Seawall Replac				250,000		250,000				500,000		500,000			
PARKS	WP30201	Playground Resurfacing Prgm-Planning Placeholder				375,000		375,000									
PARKS	WP64801	Estabrook Dam Parking Lot Elimination				17,000		17,000				170,000		170,000			
PARKS	WP64901	Brown Deer Boathouse Lower Restroom Renovation				300,000		300,000									
PARKS	WP65001	Grant Clubhouse Trim and Siding Replacement				120,000		120,000									
PARKS	WP65101	Kosciusko Gym Roof Replacement				200,000		200,000									
PARKS	WP65201	Warrimont Clubhouse Roof Replacement				30,000		30,000									
PARKS	WP65301	Wilson Recreation Emergency Exit Door Replacement				100,000		100,000									
PARKS	WP65401	Grant 3 Playground Replacement				275,000		275,000									
PARKS	WP55501	Amphibian Exclusion Barrier (Falk Park)				100,000		100,000									
PARKS	WP65501	Humboldt Pavilion HVAC Replacement				80,000		80,000				800,000		800,000			
PARKS	WP65601	Lincoln Blatz - new AC and upgrade Electrical				300,000		300,000									
PARKS	WP65701	Center Street Park Playground Replacement										275,000		275,000			
PARKS	WP36701	Cool Waters Aquatic Center Runout Slide										1,200,000		1,200,000	500,000		500,000
PARKS	WP65801	Currie Golf Cart Paths										500,000		500,000			
PARKS	WP65901	Dineen Park Playground Replacement										275,000		275,000	690,000		690,000
PARKS	WP66001	Dretzka Chalet Parking Lot Replacement (reduce size)										125,000		125,000			
PARKS	WP66101	Grobschmidt Bathhouse Roof Replacement															
PARKS	WP66201	KK-Sports Restroom Renovation										300,000		300,000			
PARKS	WP66301	Kosciusko Aquatic Center Playground Replacement										180,000		180,000			
PARKS	WP66401	Lake Michigan Shoreline Stabilization - Sheridan Park										5,000,000		5,000,000			
PARKS	WP41801	Lincoln Park Walkways										1,200,000		1,200,000			
PARKS	WP66501	Lincoln South Parking Lot Replacement										50,000		50,000			
PARKS	WP47301	Little Minnie River Pkwy Rd Rplcmnt-Appleton-Leon Tree										1,700,000		1,700,000			
PARKS	WP66601	Lyons Playground Replacement										275,000		275,000			

5-Year Capital Improvement Plan by County/Non-County Funding: PARKS (a)																	
DEPT	Project	Project Description	2018 - BUDGET			2019			2020			2021			2022		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
PARKS	WP66701	McCarthy Pavilion Roof Replacement				100,000		100,000				275,000		275,000			
PARKS	WP66801	Mitchell Blvd Playground Replacement										300,000		300,000			
PARKS	WP66901	Mitchell Lagoon Pavilion Restroom Renovation															
PARKS	WP67001	Noyes Indoor Pool Clerestory Window Replacement				200,000		200,000									
PARKS	WP67101	Oakwood Clubhouse HVAC Replacement				50,000		50,000									
PARKS	WP67201	Pulaski Indoor Pool Clerestory Window Replacement				200,000		200,000									
PARKS	WP67301	Tippecanoe Playground Replacement				275,000		275,000									
PARKS	WP67401	Underwood Creek Pkwy Rd Rplcmnt-Roundabout to Swan				340,000		340,000									
PARKS	WP67501	Warminott Clubhouse Restroom Renovation										3,400,000		3,400,000			
PARKS	WP67601	Warminott Golf Irrigation										300,000		300,000			
PARKS	WP67701	Wedgewood Wading Pool Rehabilitation				275,000		275,000									
PARKS	WP67801	Wehr Connection to Municipal Water				250,000		250,000									
PARKS	WP67901	Wehr Nature Center Restroom Renovation															
PARKS	WP68001	Wisconsin Avenue Playground Replacement										275,000		275,000			
PARKS	WP68101	Zablocki Golf Restroom Renovation										300,000		300,000			
PARKS Capital Project Funding by YEAR:			2,579,879	136,503	2,716,382	24,233,137	250,000	24,483,137	42,463,533	0	42,463,533	38,370,160	0	38,370,160	52,093,400	0	52,093,400
PARKS # of Capital Projects by YEAR:			4	77		65			75			76					

The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.

The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): PARKS (b)															
2018 - BUDGET			2019				2020				2021		2022		
PARKS	BUDGET	% to PARKS	PARKS	Est Cnty Bond/Cash & Non-Cnty \$s	% to PARKS	PARKS	Est Cnty Bond/Cash & Non-Cnty \$s	% to PARKS	PARKS	Est Cnty Bond/Cash & Non-Cnty \$s	% to PARKS	PARKS	Est Cnty Bond/Cash & Non-Cnty \$s	% to PARKS	
County Funding:	2,579,879	45,051,927	5.7%	24,233,137	54,532,462	44.4%	42,463,533	56,168,437	75.6%	38,370,160	57,853,490	66.3%	52,093,400	59,589,095	87.4%
Non-County Funding:	136,503	8,523,588	1.6%	250,000	17,210,314	0.9%	0	17,210,314	0.0%	0	12,224,236	0.0%	0	17,453,750	0.0%
Total County + Non-County Funding:	2,716,382	53,575,515	5.1%	24,483,137	82,127,147	29.8%	42,463,533	73,378,751	57.9%	38,370,160	70,077,726	54.8%	52,093,400	77,042,845	67.6%

The Table (b) above reflects the annual % of total County and Non-County funding by Departments, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or Tax-Levying financing, those projects are excluded from this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: WMC-MAM (a)																	
War Memorial Center-Art Museum			2018 - BUDGET			2019			2020			2021			2022		
DEPT	Project	Project Description	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
WMC-MAM	WO52102	Boiler Replacement										700,000		700,000			
WMC-MAM	WO53801	Chiller Operation Ice Bank										600,000		600,000			
WMC-MAM	WO52302	Electrical Gear & Substation Replace (Saarinen)			800,000	800,000		800,000			800,000						
WMC-MAM	WO53901	Electrical Gear & Substation Replace (Kahler)															
WMC-MAM	WO52401	Veterans Gallery Windows							125,000		125,000				300,000		300,000
WMC-MAM	WO52501	War Memorial Terrazzo															
WMC-MAM Capital Project Funding by YEAR:			0	0	0	800,000	0	800,000	925,000	0	925,000	1,300,000	0	1,300,000	300,000	0	300,000
WMC-MAM # of Capital Projects by YEAR:			0	0	0	1	2	2	2	2	2	2	2	2	1	1	1
The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.																	

The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): WMC-MAM (b)														
2018 - BUDGET			2019			2020			2021			2022		
WMC-MAM	BUDGET	% to WMC-MAM	WMC-MAM	Est Cnty Bond/Cash & Non-Cnty \$\$	% to WMC-MAM	WMC-MAM	Est Cnty Bond/Cash & Non-Cnty \$\$	% to WMC-MAM	WMC-MAM	Est Cnty Bond/Cash & Non-Cnty \$\$	% to WMC-MAM	WMC-MAM	Est Cnty Bond/Cash & Non-Cnty \$\$	% to WMC-MAM
0	45,051,927	0.0%	800,000	54,532,462	1.5%	925,000	56,166,437	1.6%	1,300,000	57,853,490	2.2%	300,000	59,589,095	0.5%
0	8,523,588	0.0%	0	27,594,685	0.0%	0	17,210,314	0.0%	0	12,224,236	0.0%	0	17,453,750	0.0%
0	53,575,515	0.0%	800,000	82,127,147	1.0%	925,000	73,376,751	1.3%	1,300,000	70,077,726	1.9%	300,000	77,042,845	0.4%
County Funding:														
Non-County Funding:														
Total County + Non-County Funding:														
The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for County funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.														

The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or TaxLevy financing, those projects are excluded from this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: MPM (a)																		
DEPT	Milw Public Museum			2018 - BUDGET			2019			2020			2021			2022		
	Project	Project Description		County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
MPM	WM00903	West 3rd Floor Roof Replacement																
MPM	WM01003	Green House Freight Elevator				291,000			291,000				459,620		459,620			
MPM	WM01004	Passenger Elevator Modernization																
MPM	WM01501	Museum Exterior Window Replacement (East)				580,500			580,500				1,508,000		1,508,000			
MPM	WM04201	Museum Exterior Window Replacement (West)								580,500		580,500						
MPM	WM01601	Museum Façade Repair (East)				450,000			450,000									
MPM	WM04301	Museum Façade Repair (West)								450,000		450,000						
MPM	WM02001	MPM VAV Upgrade to AHU 403, AHU 405 & AHU 601																
MPM	WM02101	MPM Upgrade AHU level Controls to DDC											2,837,760		2,837,760			
MPM	WM03201	MPM IS Server Room Infrastructure								561,000		561,000						
MPM	WM03301	MPM Greenhouse Roof Structure											275,000		275,000			
MPM	WM03401	MPM Pan Museum Fire Suppressions and Separations														350,000		350,000
MPM	WM03701	MPM Dome Planetarium Roof Replacement														3,500,000		3,500,000
MPM	WM03501	New Passenger Elevator				859,714			859,714									
MPM	WM03601	Air Handling Unit Frequency Drive Replacement				1,950,742			1,950,742									
MPM	WM03801	MPM Technology Infrastructure Replacement				354,471			354,471									
MPM	WM03901	MPM Fire Panel Replacement				600,000			600,000									
MPM	WM04001	MPM Analog Camera Replacement with Digital																
MPM	WM04401	MPM Fresh Air Tunnel Modernization				230,411			230,411									
MPM	WM04501	MPM HVAC - Bird/Mammal Replacement														800,000		800,000
MPM	WM04601	MPM Loading Dock and Overhead Door Replacement														300,000		300,000
MPM	WM04701	MPM High Pressure Steam Line Replacement														400,000		400,000
MPM	WM04801	MPM Loading Dock Exterior Façade														400,000		400,000
MPM																500,000		500,000
MPM Capital Project Funding by YEAR:			2,716,341	0	2,716,341	5,316,838	0	5,316,838	1,591,500	0	1,591,500	5,080,380	0	5,080,380	6,250,000	0	6,250,000	
MPM # of Capital Projects by YEAR:			1			8			3			4			7			

The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): MPM (b)														
2018 - BUDGET			2019			2020			2021			2022		
MPM	BUDGET	% to MPM	MPM	Est Cnty Bond/Cash & Non-Cnty \$\$	% to MPM	MPM	Est Cnty Bond/Cash & Non-Cnty \$\$	% to MPM	MPM	Est Cnty Bond/Cash & Non-Cnty \$\$	% to MPM	MPM	Est Cnty Bond/Cash & Non-Cnty \$\$	% to MPM
2,716,341	45,051,927	6.0%	5,316,838	54,532,462	9.7%	1,591,500	56,168,437	2.8%	5,080,380	57,853,490	8.8%	6,350,000	59,889,095	10.5%
	8,523,588	0.0%	0	27,594,685	0.0%	0	37,210,314	0.0%		37,210,314	0.0%	0	37,853,750	0.0%
2,716,341	53,575,515	5.1%	5,316,838	82,127,147	6.5%	1,591,500	73,378,751	0.2%	5,080,380	70,077,726	7.2%	6,250,000	77,042,845	8.1%
The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.														

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or TaxLevifinancing, those projectsareexcludedfrom this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: MC HIST SCTY (a)																	
Milw County Historical Society			2018 - BUDGET			2019			2020			2021			2022		
DEPT	Project	Project Description	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
MC HIST SCTY	WO13401	Trimborn Farm Bunkhouse Restoration				102,673		102,673	697,713		697,713						
MC HIST SCTY	WO16101	Masonry Wall Repairs (Jeremiah Curtain House)				86,853		86,853	588,605		588,605						
MC HIST SCTY	WO13601	Trimborn Farm Stone Barn Roof				415,419		415,419									

The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): MC HIST SCTY (b)											
2018 - BUDGET			2019			2020			2021		
MC HIST SCTY	BUDGET	% to MC HIST SCTY	MC HIST SCTY	Est Cnty Bond/Cash & Non-Cnty \$s	% to MC HIST SCTY	MC HIST SCTY	Est Cnty Bond/Cash & Non-Cnty \$s	% to MC HIST SCTY	MC HIST SCTY	Est Cnty Bond/Cash & Non-Cnty \$s	% to MC HIST SCTY
0	45,051,927	0.0%	604,945	54,532,462	1.1%	1,286,318	56,168,437	2.3%	0	57,853,490	0.0%
0	8,523,588	0.0%	0	27,594,685	0.0%	0	17,210,314	0.0%	0	17,453,750	0.0%
0	53,575,515	0.0%	604,945	82,127,147	0.7%	1,286,318	73,378,751	1.8%	0	77,042,845	0.0%
County Funding: 59,889,095											
Non-County Funding: 17,453,750											
Total County + Non-County Funding: 77,042,845											

The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or TaxLevyfinancing, those projectsareexcludedfrom this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: MARCUS CNTR (a)																	
MARCUS Center for the Performing Art			2018 - BUDGET			2019			2020			2021			2022		
DEPT	Project	Project Description	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
MARCUS CNTR	WO11701	Marcus Center Roof Replacement							460,000		460,000						
MARCUS CNTR	WO50801	Marcus Center - Pedestrian Pavement Replacement	1,882,526		1,882,526							800,000		800,000			
MARCUS CNTR	WO89001	MCPA Uhllein Hall Stage Lifts															
MARCUS CNTR	WO53201	Uhllein #4 Elevator				589,000		589,000									
MARCUS CNTR	WO88901	Pedestrian Pavement Replacement (2022)															
MARCUS CNTR Capital Project Funding by YEAR:			1,882,526	0	1,882,526	589,000	0	589,000	460,000	0	460,000	800,000	0	800,000	773,000	0	773,000
MARCUS CNTR # of Capital Projects by YEAR:			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.																	

The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): MARCUS CNTR (b)														
2019 - BUDGET			2020			2021			2022					
MARCUS CNTR	BUDGET	% to MARCUS CNTR	MARCUS CNTR	Est Cnty Bond/Cash & Non-Cnty \$s	% to MARCUS CNTR	MARCUS CNTR	Est Cnty Bond/Cash & Non-Cnty \$s	% to MARCUS CNTR	MARCUS CNTR	Est Cnty Bond/Cash & Non-Cnty \$s	% to MARCUS CNTR			
County Funding:	1,882,526	4.2%	589,000	54,532,462	1.1%	460,000	56,168,437	0.8%	800,000	57,853,490	1.4%	773,000	59,589,095	1.3%
Non-County Funding:	0	0.0%	0	27,594,685	0.0%	0	17,210,314	0.0%	0	12,224,236	0.0%	0	17,453,750	0.0%
Total County + Non-County Funding:	1,882,526	3.5%	589,000	82,127,147	0.7%	460,000	73,378,751	0.6%	800,000	70,077,726	1.1%	773,000	77,042,845	1.0%
The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 2.0% annual Cash financing policies as well as NON-COUNTY funding.														

The Table (b) above reflects the annual % of total County and Non-County funding by Departments relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or TaxLevyfinancing, those projectsareexcludedfrom this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: CAVT (a)																	
DEPT	Project	Project Description	2018 - BUDGET			2019			2020			2021			2022		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
CAVT	WO24901	Charles Allis / Villa Terrace															
CAVT	WO25001	Villa Terrace Tie Roof and Wood Soffit Repairs				216,006		216,006									
CAVT	WO25001	Villa Terrace Courtyard Foundation and Drainage							100,000		100,000						
CAVT	WO25201	Charles Allis Great Hall Drainage Survey/Leaking							100,000		100,000						
CAVT	WO25601	Villa Terrace Wrought Iron Restoration							100,000		100,000						
CAVT	WO26201	Charles Allis French Parlor Rehabilitation															
CAVT	WO26301	Charles Allis Wrought Iron Restoration				125,000		125,000						100,000			100,000
CAVT	WO52801	Charles Allis Façade Repair				1,356,056		1,356,056									
CAVT	WO52901	Charles Allis Roof Replacement (Main House)				1,828,455		1,828,455									
CAVT	WO12401	Charles Allis Window and Door Replacement				463,277		463,277									

CAVT Capital Project Funding by YEAR:
CAVT # of Capital Projects by YEAR:
The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): CAVT (b)														
2018 - BUDGET			2019			2020			2021			2022		
CAVT	BUDGET	% to CAVT	CAVT	Est Cnty Bond/Cash & Non-County \$s	% to CAVT	CAVT	Est Cnty Bond/Cash & Non-County \$s	% to CAVT	CAVT	Est Cnty Bond/Cash & Non-County \$s	% to CAVT	CAVT	Est Cnty Bond/Cash & Non-County \$s	% to CAVT
0	45,051,927	0.0%	3,988,794	54,532,462	7.3%	300,000	56,168,437	0.5%	100,000	57,853,490	0.2%	0	59,589,095	0.0%
0	8,523,588	0.0%	0	27,594,685	0.0%	0	17,210,314	0.0%	0	12,224,236	0.0%	0	17,453,750	0.0%
0	53,575,515	0.0%	3,988,794	82,127,147	4.9%	300,000	73,378,751	0.4%	100,000	70,077,726	0.1%	0	77,042,845	0.0%

County Funding:
Non-County Funding:
Total County + Non-County Funding:

The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or TaxLevy financing, those projects are excluded from this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: DAS-FM-EE (a)															
Dept of Administrative Services - Facilities Mngmnt - Environmental Services		2018 - BUDGET			2019			2020			2021			2022	
DEPT	Project	Project Description	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	
DAS-FM-EE	WV04801	County-wide Sanitary Sewers Repairs-Plan P1cldlr													
DAS-FM-EE	TBD	County-wide Sanitary Sewers Repairs-2019 (prv 2018)			150,000	150,000		150,000	100,000		100,000	100,000		100,000	
DAS-FM-EE	WV04901	County-wide Sanitary Sewers Repairs-2018			150,000	150,000									
DAS-FM-EE	WV01201	Pond and Lagoon Demonstration Project						1,600,000			1,600,000			1,068,000	
DAS-FM-EE	WV01601	NR216 Stormwater TSS Controls													
DAS-FM-EE	WV04101	Oak Creek Siate Lift station													
DAS-FM-EE	WV04301	Oakwood Lift Station Upgrade			350,000	350,000									
DAS-FM-EE	WV04401	Mitchell Park Lift Station Upgrade													
DAS-FM-EE	WV04501	HOC WWTP Demolition						250,000			250,000			295,000	
DAS-FM-EE	WV02101	Oak Creek Streambank Stabilization			95,000	95,000		467,468			467,468				
DAS-FM-EE	WV04601	Warmimont Park Gun Club Remediation			231,141	231,141									
DAS-FM-EE	WV04701	Foremning Park Pavilion Water & Sanitary			391,716	391,716									
DAS-FM-EE	WV03801	Drezka Park Lift Station			487,001	487,001									
DAS-FM-EE	WV05001	Lead Pipe Lateral Assessment			148,512	148,512									
DAS-FM-EE	WV05101	Lead Pipe Lateral Replacement			193,200	193,200		266,199	150,000		150,000	150,000		150,000	
DAS-FM-EE Capital Project Funding by YEAR:			0	0	0	2,046,570	0	2,733,667	0	5	1,568,000	0	4	1,613,000	
DAS-FM-EE # of Capital Projects by YEAR:															

The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): DAS-FM-EE (b)															
2018 - BUDGET			2019			2020			2021			2022			
DAS-FM-EE	BUDGET	% to DAS-FM-EE	DAS-FM-EE	Est Cnty Bond/Cash & Non-Cnty \$s	% to DAS-FM-EE	DAS-FM-EE	Est Cnty Bond/Cash & Non-Cnty \$s	% to DAS-FM-EE	DAS-FM-EE	Est Cnty Bond/Cash & Non-Cnty \$s	% to DAS-FM-EE	DAS-FM-EE	Est Cnty Bond/Cash & Non-Cnty \$s	% to DAS-FM-EE	
County Funding:	0	45,051,927	0.0%	2,046,570	54,532,462	3.8%	2,733,667	56,168,437	4.9%	1,568,000	57,853,490	2.7%	1,613,000	59,589,095	2.7%
Non-County Funding:	0	8,523,588	0.0%	0	27,594,685	0.0%	0	17,210,314	0.0%	0	32,224,236	0.0%	0	37,453,750	0.0%
Total County + Non-County Funding:	0	53,575,515	0.0%	2,046,570	82,127,147	2.5%	2,733,667	73,378,751	3.7%	1,568,000	70,077,726	2.0%	1,613,000	77,042,845	2.1%
The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.															

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or Tax Levy financing, those projects are excluded from this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: DAS-IMSD (a)																
DEPT	Project Description	2018- BUDGET			2019			2020			2021			2022		
		County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DAS-IMSD	WO27901 Information Technology Security-Plan Placeholder	388,200		388,200	500,000		500,000									
DAS-IMSD	WO18001 Information Technology Security															
DAS-IMSD	WO19201 PC Replacement-Planning Placeholder															
DAS-IMSD	TBD PC Replacement-2019 (prv 2018)				1,300,000		1,300,000				1,300,000		1,300,000		1,300,000	1,300,000
DAS-IMSD	WO19301 PC Replacement-2018															
DAS-IMSD	WO21701 Phone and Voicemail Replacement				300,971		300,971				3,379,029		3,379,029			
DAS-IMSD	WO19401 Infrastructure Replacement-Planning Placeholder										400,000		400,000			
DAS-IMSD	TBD Infrastructure Replacement-2019 (prv 2018)				210,000		210,000							190,000		180,000
DAS-IMSD	WO19501 Infrastructure Replacement-2018															180,000
DAS-IMSD	WO60201 Enterprise Platform Modernization															
DAS-IMSD	WO19601 Wireless Infrastrctr Cnty Bldgs-Plan Placeholder	5,781,106		5,781,106	6,981,045		6,981,045				250,000		250,000		250,000	250,000
DAS-IMSD	TBD Wireless Infrastrctr Cnty Bldgs-2019 (prv 2018)				290,000		290,000									
DAS-IMSD	WO19701 Wireless Infrastrctr Cnty Bldgs-2018															
DAS-IMSD	WO17601 Mainframe Retirement	163,504		163,504												
DAS-IMSD	WO27801 Server 2008 Remediation				646,290		646,290				242,360		242,360			
DAS-IMSD	WO31901 Data Center Remediation				450,000		450,000									
DAS-IMSD	WO32001 2020 Advantage Remediation				350,000		350,000									
DAS-IMSD	WO32101 Enterprise Video Surveillance Program				750,000		750,000				250,000		250,000			
		6,332,810	0	6,332,810	11,778,306	0	11,778,306	5,821,389	0	5,821,389	1,740,000	0	1,740,000	2,090,000	0	2,090,000
DAS-IMSD Capital Project Funding by YEAR:		3			10	6		3			5					
DAS-IMSD # of Capital Projects by YEAR:																

The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): DAS-IMSD (b)														
2018 - BUDGET			2020			2021			2022					
DAS-IMSD	BUDGET	% to DAS-IMSD	DAS-IMSD	Est Cnty Bond/Cash & Non-Cnty \$	% to DAS-IMSD	DAS-IMSD	Est Cnty Bond/Cash & Non-Cnty \$	% to DAS-IMSD	DAS-IMSD	Est Cnty Bond/Cash & Non-Cnty \$	% to DAS-IMSD			
6,332,810	45,051,927	14.1%	11,778,306	54,532,462	21.6%	5,821,389	56,168,437	10.4%	1,740,000	57,853,490	3.0%	2,090,000	59,589,095	3.5%
0	8,523,588	0.0%	0	27,594,685	0.0%	0	17,210,314	0.0%	0	12,224,236	0.0%	0	17,453,750	0.0%
6,332,810	53,575,515	11.8%	11,778,306	82,127,147	14.3%	5,821,389	73,378,751	7.9%	1,740,000	70,077,726	2.5%	2,090,000	77,042,845	2.7%
County Funding:														
Non-County Funding:														
Total County + Non-County Funding:														

The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or TaxLevy financing, those projects are excluded from this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: DAS-OPD (a)																
DEPT	Project Description	2018 - BUDGET			2019			2020			2021			2022		
		County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DAS-OPD	Countywide ADA Repairs-Planning Placeholder															
DAS-OPD	TRD				890,219		890,219	500,000		500,000			500,000			500,000
DAS-OPD	Countywide ADA Repairs-2018				100,000		100,000									
DAS-OPD	WOW-Grant Rec Ctr Siding & Window Replacement				990,219	0	990,219	500,000	0	500,000	500,000	0	500,000	0	0	500,000
DAS-OPD Capital Project Funding by YEAR:		0	0	0	990,219	2	990,219	500,000	0	500,000	500,000	0	500,000	1	1	500,000
DAS-OPD # of Capital Projects by YEAR:		0	0	0	990,219	2	990,219	500,000	0	500,000	500,000	0	500,000	1	1	500,000
The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.																
% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): DAS-OPD (b)																
		2018 - BUDGET			2019			2020			2021			2022		
DAS-OPD	BUDGET	% to DAS-OPD	DAS-OPD	Est Cnty Bond/Cash & Non-Cnty \$s	% to DAS-OPD	DAS-OPD	Est Cnty Bond/Cash & Non-Cnty \$s	% to DAS-OPD	DAS-OPD	Est Cnty Bond/Cash & Non-Cnty \$s	% to DAS-OPD	DAS-OPD	Est Cnty Bond/Cash & Non-Cnty \$s	% to DAS-OPD	DAS-OPD	Est Cnty Bond/Cash & Non-Cnty \$s
0	45,051,927	0.0%	990,219	54,532,462	1.8%	500,000	56,168,437	0.9%	500,000	57,853,490	0.9%	500,000	59,589,095	0.8%	500,000	61,329,612
0	8,523,588	0.0%	0	27,594,685	0.0%	0	17,210,314	0.0%	0	12,224,236	0.0%	0	17,453,750	0.0%	0	17,453,750
0	53,575,515	0.0%	990,219	82,127,147	1.2%	500,000	73,378,751	0.7%	500,000	70,077,726	0.7%	500,000	77,042,845	0.6%	500,000	77,042,845
The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.																

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or TaxLevyfinancing, those projectsareexcludedfrom this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: SHERIFF (a)															
Office of the Sheriff		2018 - BUDGET			2019			2020			2021			2022	
DEPT	Project	Project Description	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	
SHERIFF	WC10601	CIF Dirty Linen Receiving Area										350,000		350,000	
	WC10701	CIF Booking Room and Tower Remodeling										250,000		250,000	
SHERIFF	WC10801	CIF Sally Port Doors Replacement													
SHERIFF	WC16901	Training Academy Roof Repairs													
SHERIFF	WC17001	Training Academy Tactical House													
SHERIFF	WC04701	CQFC Camera System													
SHERIFF	WC04901	Automated License Plate Readers													
SHERIFF	WC046901	PSB Fast ID Remote Booking (30 Units)													
SHERIFF	WC07001	CIF- Instant Full Body Scan Machine													
SHERIFF	WC07101	CIF Key Watcher System													
SHERIFF	WC07801	Sheriff PSB CID Computer Hardware/Software													
SHERIFF	WC07901	CIF Kitchen Upgrades													
SHERIFF	WC048001	CIF Jail Records Area Remodeling													
SHERIFF	WC048101	CIF Jail Antenna Installation													
SHERIFF	WC048201	CIF Roof Antenna Video System													
SHERIFF	WC048301	CIF Housing Video System Repairs													
SHERIFF	WC048501	CIF Pneumatic Tube System Repairs													
SHERIFF	WC048801	CIF Pod 4D Renovations													
SHERIFF	WC049201	CIF Secure Doors in Dock Area													
SHERIFF	WC07901	Sheriff PSB Predictive Analytics										100,000		100,000	
SHERIFF	WC14001	Training Academy Improvements													
SHERIFF	WC16801	CIF Pod 4B Food Chutes													
SHERIFF	WC016801	Training Academy HVAC-Plumbing Replacements													
SHERIFF	WC017901	MCSO Voice Analytics													
SHERIFF	WC049101	Lakefront Cameras & Video Analytics													
SHERIFF	WC027601	Sheriff Radio Replacement Placeholder										500,000		500,000	
SHERIFF	TBD	Sheriff Radio Replacement-2018 (prv 2019)													
SHERIFF	WC027701	Sheriff Radio Replacement-2018													
SHERIFF	WC027401	CIF Electronically Controlled Toilets													
SHERIFF	WC020001	Training Academy Parking Lot Replacement													
SHERIFF	WC03001	Courts Videoconferencing													
SHERIFF Capital Project Funding by YEAR:			0	0	0	5,571,701	0	5,571,701	1,510,000	0	1,510,000	1,200,000	0	1,200,000	1,121,498
SHERIFF # of Capital Projects by YEAR:			0	0	0	19	5	4	4	4	4	0	4	0	4
The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.															

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): SHERIFF (b)																					
2018 - BUDGET				2019				2020				2021				2022					
SHERIFF		BUDGET		% to SHERIFF		SHERIFF		Est Cnty Bond/Cash & Non-Cnty \$s		% to SHERIFF		SHERIFF		Est Cnty Bond/Cash & Non-Cnty \$s		% to SHERIFF		SHERIFF		Est Cnty Bond/Cash & Non-Cnty \$s	
County Funding:				0	45,051,927	0.0%	5,571,701	54,532,462	10.2%	1,510,000	56,168,437	2.7%	1,200,000	57,853,490	2.1%	2,021,498	59,589,095	3.4%			
Non-County Funding:				0	8,523,588	0.0%	0	17,210,314	0.0%	0	17,210,314	0.0%	0	17,453,750	0.0%	0	17,453,750	0.0%			
Total County + Non-County Funding:				0	53,575,515	0.0%	5,571,701	82,127,147	6.8%	1,510,000	73,378,751	2.1%	1,200,000	70,077,236	1.7%	2,021,498	77,042,845	2.6%			
The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.																					

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or Tax Levy financing, those projects are excluded from this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: HOC (a)											
DEPT	Project	Project Description	2018 - BUDGET			2019			2020		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
HOC	WJ08001	HOC Video Visitation System				1,400,000		1,400,000			
HOC	WJ08301	HOC Security System Replacement	235,985		235,985	197,015		197,015			
HOC	WJ08401	HOC Steel and Glass Greenhouse				353,000		353,000			
HOC	WJ10201	HOC Boiler House Window Replacement							565,000		565,000
HOC	WJ10301	HOC Surges Building Roof Replacement							508,732		508,732
HOC	WJ10401	HOC Lotter Building Roof Replacement							503,537		503,537
HOC	WJ07901	HOC New Parking Outside Secure Perimeter									
HOC Capital Project Funding by YEAR:			235,985	0	235,985	1,950,015	0	1,950,015	565,000	0	565,000
HOC # of Capital Projects by YEAR:			1			3			1		
The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.											

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): HOC (b)												
2018 - BUDGET			2019				2021				2022	
HOC	BUDGET	% to HOC	HOC	Est Cnty Bond/Cash & Non-Cnty \$s	% to HOC	HOC	Est Cnty Bond/Cash & Non-Cnty \$s	% to HOC	HOC	Est Cnty Bond/Cash & Non-Cnty \$s	% to HOC	
County Funding:	235,985	45,051,927	0.5%	1,950,015	54,532,462	3.6%	565,000	56,168,437	1.0%	1,012,269	57,853,490	1.7%
Non-County Funding:	0	8,523,588	0.0%	0	27,594,685	0.0%	0	17,210,314	0.0%	0	12,224,236	0.0%
Total County + Non-County Funding:	235,985	53,575,515	0.4%	1,950,015	82,127,147	2.4%	565,000	73,378,751	0.8%	1,012,269	70,077,726	1.4%
The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.												

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or TaxLevyfinancing, those projectsareexcludedfrom this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: EMERGENCY MNGT (a)																	
Office of Emergency Management			2018 - BUDGET			2019			2020			2021			2022		
DEPT	Project	Project Description	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
EMERGENCY MNGT	WO30301	Public Safety Data Interoperability	762,650		762,650												
EMERGENCY MNGT	WO26701	Communications Info-Video Wall				149,060		149,060									
EMERGENCY MNGT	WO26801	Radio Site Relocation-US Bank to Couture Bldg.															
EMERGENCY MNGT	WO26901	Mechanical CPR Devices							250,000		250,000						
EMERGENCY MNGT	WO27001	700MHz Back-Up Radio System (County Depts)				750,000		750,000									
EMERGENCY MNGT	WO27101	911 Dispatch Workstations				262,000		262,000									
EMERGENCY MNGT	WO27201	EMS Vehicle Enhancements & Technology Upgrade				100,000		100,000									
EMERGENCY MNGT	WO27301	Cardiac Monitors															
EMERGENCY MNGT	WO49801	800MHz Doppler System							150,000		150,000						
EMERGENCY MNGT	WO28101	911 Communications Workstation Replacement				220,000		220,000							1,500,000		1,500,000

The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvements have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): EMERGENCY MNGT (b)														
2018 - BUDGET			2019			2020			2021			2022		
EMERGENCY MNGT	BUDGET	% to EMERGENCY MNGT	EMERGENCY MNGT	Est Cnty Bond/ Cash & Non-Cnty \$s	% to EMERGENCY MNGT	EMERGENCY MNGT	Est Cnty Bond/ Cash & Non-Cnty \$s	% to EMERGENCY MNGT	EMERGENCY MNGT	Est Cnty Bond/ Cash & Non-Cnty \$s	% to EMERGENCY MNGT	EMERGENCY MNGT	Est Cnty Bond/ Cash & Non-Cnty \$s	% to EMERGENCY MNGT
762,650	45,051,927	1.7%	1,481,060	54,532,462	2.7%	1,210,000	56,168,437	2.2%	0	57,853,490	0.0%	1,500,000	59,589,095	2.5%
0	8,523,588	0.0%	0	27,594,685	0.0%	0	17,210,314	0.0%	0	12,224,236	0.0%	0	17,453,750	0.0%
762,650	53,575,515	1.4%	1,481,060	82,127,147	1.6%	1,210,000	73,378,751	1.6%	0	70,077,726	0.0%	1,500,000	77,042,845	1.9%
County Funding:														
Non-County Funding:														
Total County + Non-County Funding:														

The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or TaxLevy financing, those projects are excluded from this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: ME (a)											
DEPT	Project	Project Description	2018 - BUDGET			2019			2020		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
ME	WO26501	Medical Examiner Case Management Software	0	0	0	228,800	0	228,800	0	0	0
		ME Capital Project Funding by YEAR:									
		ME # of Capital Projects by YEAR:				1					

The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): ME (b)												
2018 - BUDGET			2019			2020			2021			
ME	BUDGET	% to ME	ME	Est Cnty Bond/Cash & Non-Cnty \$	% to ME	ME	Est Cnty Bond/Cash & Non-Cnty \$	% to ME	ME	Est Cnty Bond/Cash & Non-Cnty \$	% to ME	
County Funding:	0	45,051,927	0.0%	228,800	54,532,462	0.4%	0	56,168,437	0.0%	0	57,853,490	0.0%
Non-County Funding:	0	8,523,588	0.0%	0	27,594,685	0.0%	0	17,210,314	0.0%	0	12,453,236	0.0%
Total County + Non-County Funding:	0	53,575,515	0.0%	228,800	82,127,147	0.3%	0	73,378,751	0.0%	0	70,077,726	0.0%

The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or TaxLevyfinancing, those projectsareexcludedfrom this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: DHHS (a)																		
DEPT	Dept of Health & Human Services			2018 - BUDGET			2019			2020			2021			2022		
	Project	Project Description	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	
DHHS	WS10201	Control Center Panel Replacement				850,000		850,000										
DHHS	WS10101	ProPhoenix Medical Module				100,000		100,000										
DHHS	WC19701	Carpet Replacement - Coggs 3rd Floor				252,260		252,260										
DHHS	WO53601	DHHS Document Scanning				100,000		100,000										
DHHS	WO53701	ProPhoenix RMS Upgrade & Training				100,000		100,000										
DHHS	WO53101	Case Management and Software Conversion-Plan Pichid				938,200		938,200										
DHHS Capital Project Funding by YEAR:			0	0	0	2,340,460	0	2,340,460	1,036,816	0	1,036,816	609,433	0	609,433	0	0	0	
DHHS # of Capital Projects by YEAR:						6			1			1						
The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.																		

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): DHHS (b)													
2018 - BUDGET			2019			2020			2021			2022	
DHHS	BUDGET	% to DHHS	DHHS	Est Only Bond/Cash & Non-County \$s	% to DHHS	DHHS	Est Only Bond/Cash & Non-County \$s	% to DHHS	DHHS	Est Only Bond/Cash & Non-County \$s	% to DHHS	DHHS	Est Only Bond/Cash & Non-County \$s
0	45,051,927	0.0%	2,340,460	54,532,462	4.3%	1,036,816	56,168,437	1.8%	609,433	57,853,490	1.1%	0	59,589,095
0	8,523,588	0.0%	0	27,594,685	0.0%	0	17,210,314	0.0%	0	12,224,236	0.0%	0	17,453,750
0	53,575,515	0.0%	2,340,460	82,127,147	2.8%	1,036,816	73,378,751	1.4%	609,433	70,077,726	0.9%	0	77,042,845
The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.													

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or TaxLevy financing, those projects are excluded from this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

5-Year Capital Improvement Plan by County/Non-County Funding: AGING (a)																		
DEPT	Department on Aging			2018 - BUDGET			2019			2020			2021			2022		
	Project	Project Description		County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
AGING	WS11201	Rose Center Multipurpose Rm Fire Separation								100,000		100,000				350,000		350,000
AGING	WS04801	Rose Senior Center Roof Replacement																
AGING	WS11101	Wilson Senior Center Access Lighting				120,978			120,978									
AGING	WS05101	McGovern Senior Center Flooring and Ceiling Repl								198,000								
AGING	WS05301	Kelly Senior Center Fitness Area Restrooms											300,000		300,000			
AGING	WS05501	Kelly SC HVAC Unit											410,000		410,000			
AGING	WS05901	Rose Senior Center New Kitchen				169,000			169,000									
AGING	WS06201	Wilson Senior Center Restroom Updates														123,000		123,000
AGING	WS06701	Kelly Sr Center Window Renovations														222,512		222,512
AGING	WS06901	Washington Park SC Chiller and HVAC				442,308			442,308									
AGING	WS10001	Rose Senior Center Restroom Renovation																
AGING	WS04005	McGovern Main Kitchen Replacement				122,000			122,000							134,640		134,640
AGING	WS11601	Washington Senior Center Access Lighting				132,779			132,779									
AGING	WS10901	ARC Call Center Phone System Replacement								100,000		100,000						
AGING Capital Project Funding by YEAR:			0	0	0	0	987,065	0	987,065	398,000	0	398,000	710,000	0	710,000	830,152	0	830,152
AGING # of Capital Projects by YEAR:						5				3			2			4		
The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.																		

The Table (a) above reflects the 2018 BUDGET appropriations while 2019 - 2022 Capital Improvement Plan Years. Appropriations have only been made for the 2018 BUDGET year. Any 2018 REQ Projects NOT included in the 2018 BUDGET are rolled to 2019.

% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): AGING (b)												
2018 - BUDGET			2019			2020			2021		2022	
AGING	BUDGET	% to AGING	AGING	Est Cnty Bond/Cash & Non-Cnty \$\$	% to AGING	AGING	Est Cnty Bond/Cash & Non-Cnty \$\$	% to AGING	AGING	Est Cnty Bond/Cash & Non-Cnty \$\$	% to AGING	
County Funding:	0	45,051,927	0.0%	987,065	1.8%	398,000	56,168,437	0.7%	710,000	57,853,490	1.2%	
Non-County Funding:	0	8,523,588	0.0%	0	0.0%	0	17,210,314	0.0%	0	12,224,236	0.0%	
Total County + Non-County Funding:	0	53,575,515	0.0%	987,065	1.2%	398,000	73,378,751	0.5%	710,000	70,077,726	1.0%	

The Table (b) above reflects the annual % of total County and Non-County funding by Department, relative to the BUDGET appropriations for 2018 and the County's Capital Bond and Cash funding policy for Years 2019 - 2022. The BUDGET column for 2018 reflects the total County-Wide Cash/Bond appropriations for COUNTY funding and the total County-Wide appropriations for NON-COUNTY funding while years 2019 - 2022 assume COUNTY funding (estimates) relative to the 3% annual Bond financing increase and 20% annual Cash financing policies as well as NON-COUNTY funding.

NOTE: As DOT-Airport Capital Projects within the 5-Year Capital Improvement Plan do not include General Obligation Bond, Sales Tax, or TaxLevy financing, those projects are excluded from this report. The DOT-Airport 5-Year Capital Improvement Plan is included in a separate report (see page 85).

THIS PAGE INTENTIONALLY
LEFT BLANK.