

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



**Chris Abele**, *County Executive*

## 2018 RECOMMENDED CAPITAL BUDGET





**Milwaukee County Executive**  
Chris Abele

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Teig Whaley-Smith

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

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**Special Thanks to:**

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



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**Milwaukee County  
Schedule A - Summary of 2018 Capital Improvements Budget**

Project Category	Project	Description	2018 Recommended	Federal	State	Local	Reimbursement Revenue	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
<b>TRANSPORTATION AND PUBLIC WORKS</b>															
	<b>Highway</b>														
O	WH01006	Reconstruct CTH "Y" Layton Avenue 27th to 43rd	420,000	320,000	0	0	320,000	100,000	0	0	0	0	0	0	100,000
O, C	WH01008	Reconstruct CTH "N" South 92nd Street	275,000	0	0	0	0	275,000	0	0	0	0	0	0	275,000
O, C	WH01016	Recons. 13th, Drexel to Rawson	5,000,000	3,960,000	0	0	3,960,000	1,040,000	0	0	0	0	0	0	1,040,000
O, C	WH02019	N Teutonia Ave. (W. Good Hope to W. Bradley)	4,408,000	0	1,349,000	109,000	1,458,000	2,950,000	0	0	0	0	0	0	2,950,000
	WH09201	S. 76th St. & W. Layton Ave. Adapt Signal System	440,000	340,000	0	0	340,000	100,000	0	0	100,000	0	0	0	0
	WH09401	W Rawson Ave Int w/ 10th St. & 6th St.	1,200,000	692,500	0	0	692,500	507,500	0	0	507,500	0	0	0	0
	WH09501	W Rawson Ave - S. 27th St to S. 20th St.	460,000	360,000	0	0	360,000	100,000	0	0	100,000	0	0	0	0
	WH10801	W College Ave (31st/34th) Box Chvr/Railing Rpris	250,000	360,000	0	0	360,000	250,000	0	0	250,000	0	0	0	0
	WH10901	Signal Install at W. Good Hope Rd. & Pierson	315,000	0	0	0	0	315,000	0	0	315,000	0	0	0	0
C	WH24001	W Rawson (CTH BB) USH 45 to Hawthorne Ln	300,000	0	0	0	0	300,000	0	0	300,000	0	0	0	0
		<b>Total Highway</b>	<b>13,068,000</b>	<b>5,672,500</b>	<b>1,349,000</b>	<b>109,000</b>	<b>7,130,500</b>	<b>5,937,500</b>	<b>0</b>	<b>0</b>	<b>1,572,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,365,000</b>
	<b>Mass Transit</b>														
O	WT07701	FDL Garage Roof Replacement	502,468	0	0	0	0	502,468	0	0	0	0	0	0	502,468
P	WT10401	Bus Replacement Program-2018	15,000,000	2,649,085	0	0	2,649,085	12,350,915	0	0	1,248,646	0	1,281,174	0	9,821,095
O	WT11701	Phone and Voicemail Replacement - MCTS	310,000	0	0	0	0	310,000	310,000	0	0	0	0	0	0
		<b>Total Mass Transit</b>	<b>15,812,468</b>	<b>2,649,085</b>	<b>0</b>	<b>0</b>	<b>2,649,085</b>	<b>13,163,383</b>	<b>310,000</b>	<b>0</b>	<b>1,248,646</b>	<b>0</b>	<b>1,281,174</b>	<b>0</b>	<b>10,323,563</b>
	<b>Airport</b>														
	WA18801	LJT New FBO Terminal Facility	348,100	313,290	17,405	0	330,895	17,405	0	0	0	0	0	17,405	0
	WA22101	GMA International Terminal Redevelopment	25,198,191	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	231,914	12,884	0	244,798	12,884	0	0	0	0	0	12,884	0
	WA24301	GMA Replacement Jet Bridges-2018	1,545,318	0	0	0	0	1,545,318	0	0	0	0	0	1,545,318	0
M	WA24501	GMA Airfield Safety Imprvmt-2018	483,224	362,419	60,403	0	422,822	60,403	0	0	60,402	0	0	60,402	0
M	WA24601	GMA Airfield Pavement Rplcmnt-2018	2,341,701	1,756,276	292,713	0	2,048,989	292,713	0	0	292,712	0	0	292,712	0
	WA24701	GMA Deicer Pads (19R)-2018	4,476,893	3,357,670	559,612	0	3,917,282	559,612	0	0	559,611	0	0	559,611	0
M	WA24801	LJT Pavement Replacement-2018	230,601	207,541	11,530	0	219,071	11,530	0	0	11,530	0	0	11,530	0
	WA25101	GMA Airfield Drainage Improvements-2018 (Study)	109,603	82,203	13,700	0	95,903	13,700	0	0	13,700	0	0	13,700	0
	WA25201	GMA MKE Business Park Electrical Infrastructure	2,815,004	0	0	0	0	2,815,004	0	0	0	0	0	2,815,004	0
	WA25301	GMA Operations Control Center	209,669	157,251	26,209	0	183,460	26,209	0	0	0	0	0	26,209	0
	WA25401	GMA Parking Lot Pavement Replacement-2018	261,420	0	0	0	0	261,420	0	0	0	0	0	261,420	0
	WA25601	LJT Runway 15L-33R Extension	730,083	657,075	36,504	0	693,579	36,504	0	0	36,504	0	0	36,504	0
	WA26001	GMA Parking Structure Repairs-2018	900,272	0	0	0	0	900,272	0	0	0	0	0	900,272	0
		<b>Total Airport</b>	<b>39,907,761</b>	<b>7,125,639</b>	<b>1,030,960</b>	<b>0</b>	<b>8,156,599</b>	<b>31,751,162</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,751,162</b>	<b>15,000,000</b>
		<b>Total TRANSPORTATION AND PUBLIC WORKS</b>	<b>68,788,229</b>	<b>15,447,224</b>	<b>2,379,960</b>	<b>109,000</b>	<b>17,936,184</b>	<b>50,852,045</b>	<b>310,000</b>	<b>0</b>	<b>2,821,146</b>	<b>0</b>	<b>1,281,174</b>	<b>16,751,162</b>	<b>29,688,563</b>
	<b>PARKS, RECREATION AND CULTURE</b>														
	<b>"Parks, Recreation, &amp; Culture"</b>														
O	WP52501	Point of Sale Replacement	890,000	0	0	0	0	890,000	890,000	0	0	0	0	0	0
O	WP55201	Franklin Park Ryan Creek Bridge Replacement	136,503	0	136,503	0	136,503	0	0	0	0	0	0	0	0
O	WP54401	McCarly Electrical Service Replacement	118,574	0	0	0	0	118,574	0	0	0	0	0	118,574	
O	WP55301	Mitchell Park Conservatory Planning	320,000	0	0	0	0	320,000	320,000	0	0	0	0	0	
		<b>Total "Parks, Recreation, &amp; Culture"</b>	<b>1,465,077</b>	<b>0</b>	<b>136,503</b>	<b>0</b>	<b>136,503</b>	<b>1,328,574</b>	<b>1,210,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>118,574</b>
O	WP51201	McKinley Marina	2,141,305	0	0	0	0	2,141,305	0	0	0	0	0	0	2,141,305
		<b>Total McKinley Marina</b>	<b>2,141,305</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,141,305</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,141,305</b>
	<b>Museum</b>														
	WMO3901	MPM Fire Panel Replacement	2,716,341	0	0	0	0	2,716,341	0	0	0	0	0	0	2,716,341
		<b>Total Museum</b>	<b>2,716,341</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,716,341</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,716,341</b>
		<b>Total PARKS, RECREATION AND CULTURE</b>	<b>6,322,723</b>	<b>0</b>	<b>136,503</b>	<b>0</b>	<b>136,503</b>	<b>6,186,220</b>	<b>1,210,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,976,220</b>
	<b>Total HEALTH AND HUMAN SERVICES</b>														
	<b>GENERAL GOVERNMENT</b>														
	<b>Courthouse Complex</b>														
O	WC15001	Coggs Fire Alarm System Replacement	181,312	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	794,420	0	0	0	0	0	0	794,420

**Milwaukee County  
Schedule A - Summary of 2018 Capital Improvements Budget**

Project Category	Project	Description	2018 Recommended	Federal	State	Local	Reimbursement Revenue	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
O, C	WC16401	Safety Bldg Elevator Modernization (Cars 3,4,6)	1,181,031	0	0	0	0	1,181,031	0	0	0	0	0	0	1,181,031
	WC16601	Slab Replacement MPM/Pioneer Village Area	1,301,347	0	0	0	0	1,301,347	0	0	0	0	0	0	1,301,347
		<b>Total Courthouse Complex</b>	<b>3,458,110</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,458,110</b>	<b>181,312</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,276,798</b>
		<b>House of Correction</b>													
	WJ08301	HOC Security System Replacement	235,985	0	0	0	0	235,985	235,985	0	0	0	0	0	0
		<b>Total House of Correction</b>	<b>235,985</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>235,985</b>	<b>235,985</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>Other Agencies</b>													
O	WO17501	Fleet Central Garage Roof Replacement	2,838,064	0	0	0	0	2,838,064	0	0	0	0	0	0	2,838,064
O	WO17601	Mainframe Retirement	163,504	0	0	0	0	163,504	163,504	0	0	0	0	0	0
O	WO18001	Information Technology Security	388,200	0	0	0	0	388,200	388,200	0	0	0	0	0	0
O	WO19801	Fuel Transaction Software	261,861	0	0	0	0	261,861	261,861	0	0	0	0	0	0
O	WO21701	Phone and Voicemail Replacement	300,971	0	0	0	0	300,971	300,971	0	0	0	0	0	0
O	WO30301	Public Safety Data Interoperability	762,650	0	0	0	0	762,650	512,650	0	0	0	250,000	0	0
P	WO31101	Fleet General Equipment-2018	4,383,486	0	0	0	0	4,383,486	0	0	0	0	0	0	4,383,486
P	WO31201	Sheriff Fleet Equipment-2018	1,000,000	0	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000
P	WO31301	House of Correction Fleet Equipment-2018	141,000	0	0	0	0	141,000	0	0	0	0	0	0	141,000
P	WO31401	Fleet Parks Equipment-2018	3,575,832	0	0	0	0	3,575,832	0	0	0	0	0	0	3,575,832
O	WO60201	Enterprise Platform Modernization	5,781,106	0	0	0	0	5,781,106	2,781,106	0	0	0	0	0	3,000,000
C	WO89001	MCPA Uhllein Hall Stage Lifts	1,882,526	0	0	0	0	1,882,526	0	0	0	0	0	0	1,882,526
		<b>Total Other Agencies</b>	<b>21,479,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,479,200</b>	<b>4,408,292</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>16,820,908</b>
		<b>Total GENERAL GOVERNMENT</b>	<b>25,173,295</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25,173,295</b>	<b>4,825,589</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250,000</b>	<b>0</b>	<b>20,097,706</b>
		<b>Grand Total 2018 Recommended Capital Improvements</b>	<b>100,284,247</b>	<b>15,447,224</b>	<b>2,516,463</b>	<b>109,000</b>	<b>18,072,687</b>	<b>82,211,560</b>	<b>6,345,589</b>	<b>0</b>	<b>2,821,146</b>	<b>0</b>	<b>1,531,174</b>	<b>16,751,162</b>	<b>54,762,489</b>
		<b>Total Excluding Airports</b>	<b>60,376,486</b>	<b>8,321,585</b>	<b>1,485,503</b>	<b>109,000</b>	<b>9,916,088</b>	<b>50,460,398</b>	<b>6,345,589</b>	<b>0</b>	<b>2,821,146</b>	<b>0</b>	<b>1,531,174</b>	<b>0</b>	<b>39,762,489</b>

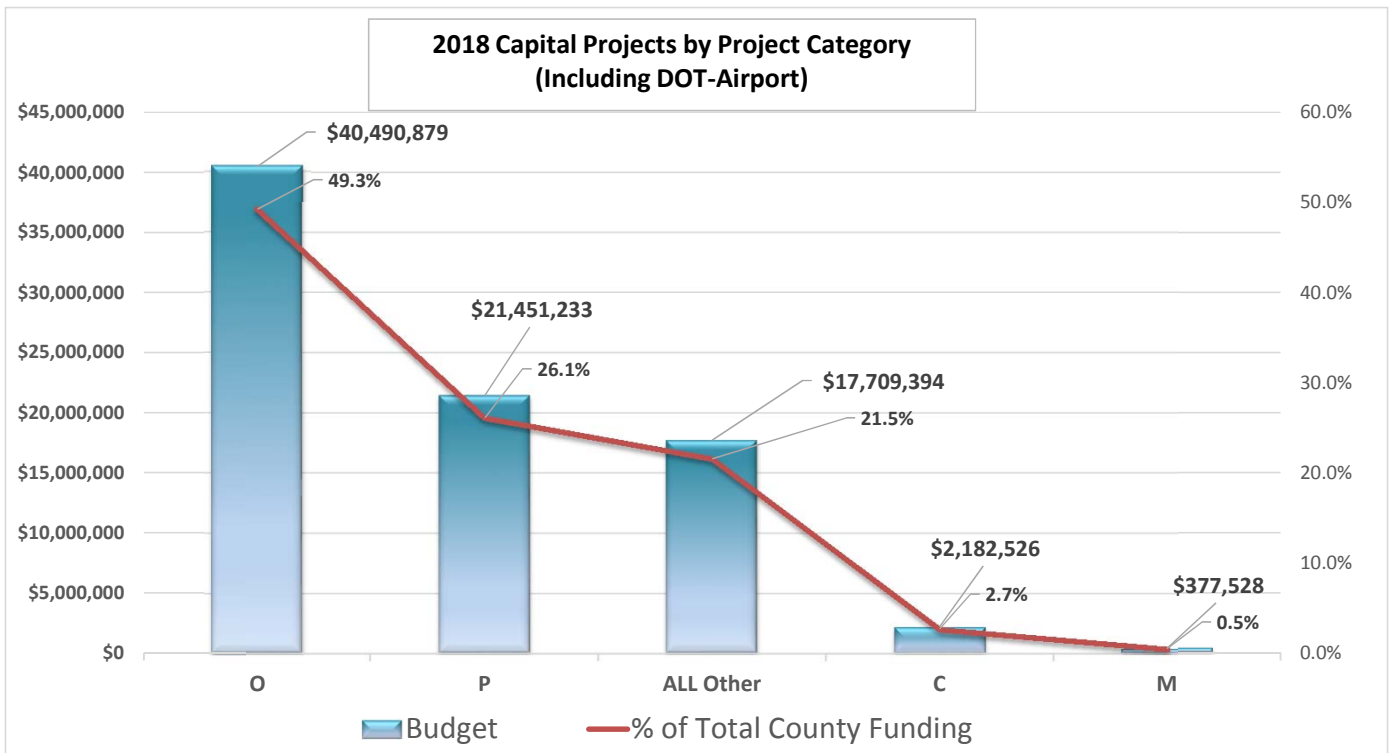
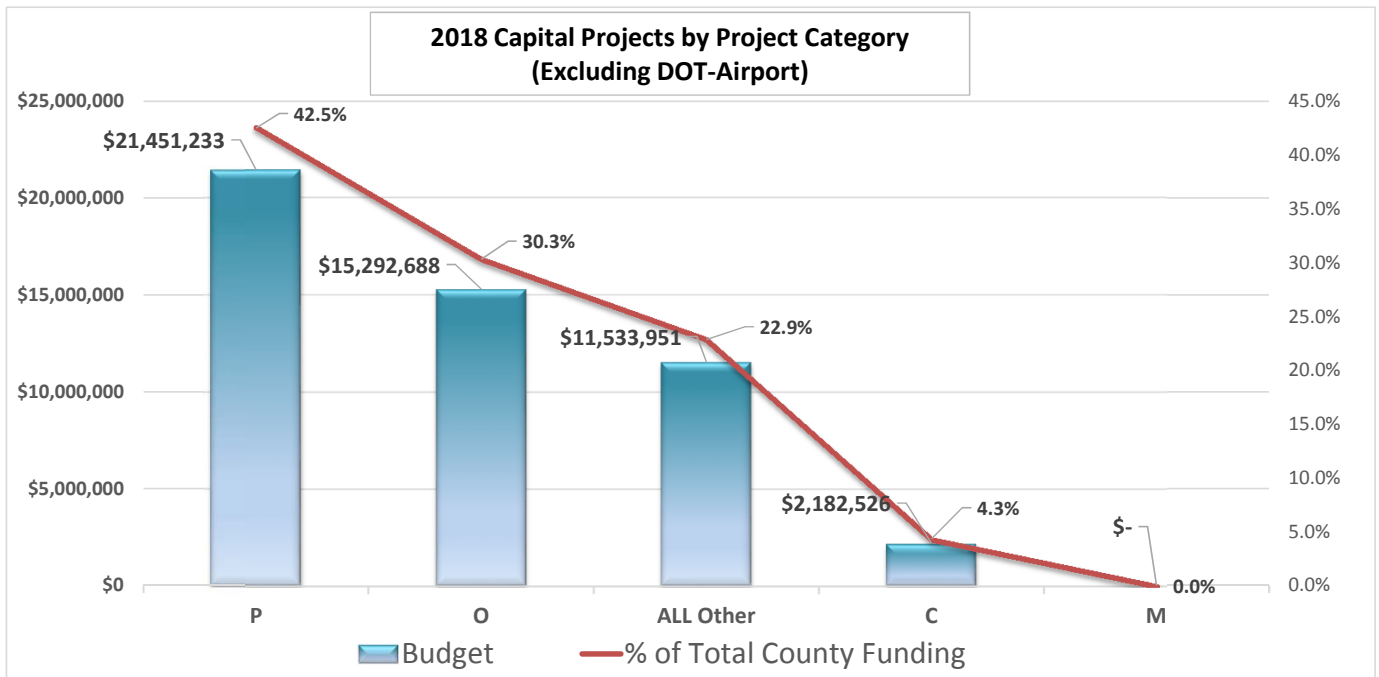
**# of P/Is**  
**2** C = Contractually Obligated project. These are projects that the County is contractually obligated to provide.  
**4** M = Mandated project. These are projects that satisfy State, Federal, Local, and/or Court-Ordered legal requirements or mandates.  
**14** O = Ongoing/Continuing project. These are projects that have previously approved design and/or construction/implementation phases.  
**5** P = Programmatic project. These are projects that typically represent those that have established replacement schedules in order to avoid over extending an asset beyond the normal useful life (which generally results in higher maintenance costs).  
**25** All Other Projects.  
**50** Total Projects

**Vehicle Registration (VRF) Fee Detail:**

Project:	Non-County Funding		County Funding		Total Funding	
	Local-State-Federal	Bonds	Property Tax Levy	\$ VRF	County & Non-County	
WH09201-S-76th St. & W. Layton Ave. Adapt Signal System	340,000	9,821,095	1,281,174	100,000	11,542,269	
WH09401-W Rawson Ave Int w/ 10th St. & 6th St.	692,500	0	0	507,500	1,200,000	
WH09501-W Rawson Ave - S. 27th St to S. 20th St.	360,000	0	0	100,000	460,000	
WH10801-W College Ave (31st/34th) Box Clvtr/Railing Rprs	0	0	0	250,000	250,000	
WH10901-Signal Install at W. Good Hope Rd. & Pierron	0	0	0	315,000	315,000	
WH24001-W Rawson (CTH/BB) USH 45 to Hawthorne Ln	0	0	0	300,000	300,000	
WT10401-Bus Replacement Program-2018	0	0	0	1,248,646	1,248,646	
<b>TOTAL VRF Funded Projects</b>	<b>1,392,500</b>	<b>9,821,095</b>	<b>1,281,174</b>	<b>2,821,146</b>	<b>15,315,915</b>	



**SCHEDULE A - PROJECTS BY CATEGORY - GRAPHS**



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# 2018 RECOMMENDED 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.<sup>1</sup> Departmental requested budgets (Capital and Operating) are posted by the DAS on the County's website no later than August 15th of each year.<sup>2</sup>

#### *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.<sup>3</sup>

#### *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.<sup>4</sup> Departmental staff is present at FAC hearings to answer 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.

<sup>1</sup> 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).

<sup>2</sup> 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>

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

<sup>4</sup> The County Board establishes the budget hearing calendar for this committee annually.

# 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

## 2018 Capital Improvement Budget:

The 2018 Capital Improvements Budget (Capital Budget) includes 50 separate sub-projects for a total expenditure appropriation of \$100,284,247. Anticipated reimbursement revenue (Federal State and local grants) totals \$18,072,687 resulting in a net County financing of \$82,211,560. Appropriations for 36 corporate purpose (non-airport) sub-projects total \$60,376,486. The resulting County financing of \$50,460,398 is to be financed by \$39,762,489 in general obligation bonds or notes, \$6,345,589 in sales tax revenue, \$2,821,146 in vehicle registration revenue, and \$1,531,174 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 0.2% increase over the adjusted 2017 bond base (\$39,669,356). As a result, the corporate purpose (non-airport) bonding amount of \$39,762,489 is \$93,133 over 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	\$39,762,489	\$93,133	0.2%

## Cash Financing:

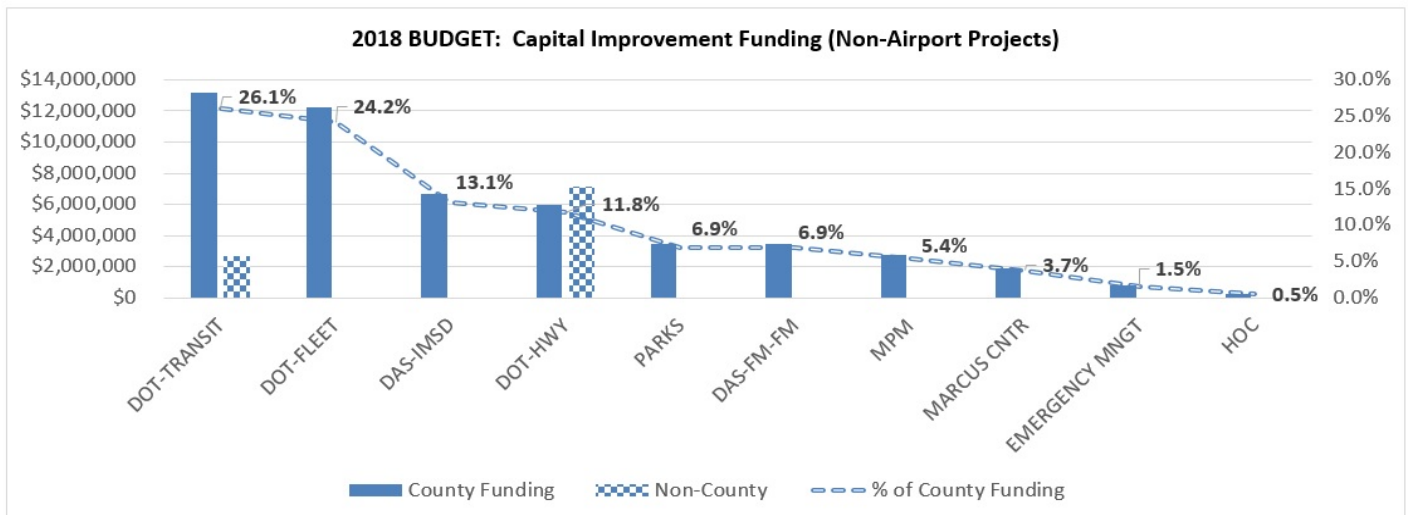
Beginning with the 1995 capital budget, the County established a cash-financing goal of 20.0% to be implemented over a ten-year period. The annual cash goal is based off of 20% of the Net County Funding Contribution (which excludes Federal/State/Local revenue sources). This policy served to increase minimum cash financing by 2.0% annually. Net County financing included in the 2018 budget totals \$82,211,560, including the Airport. Cash needed to meet the 20.0% financing goal is calculated at \$16,442,312. The 2018 budgeted cash financing of \$27,449,071 represents 33.4% of net County financing. Excluding Airport projects, net County financing totals \$50,460,398. Cash needed to meet the 20.0% financing goal of non-airport projects is calculated at \$10,092,080. The 2018 budgeted cash financing of \$10,697,909 represents 21.2% of net County financing.

	2018 Net County Contrib.	Sales Tax Revenue	Tax Levy	*Vehicle Registration Fee	Private Contrib.	PFC/Airport Reserve	TOTAL CASH	% CASH
All Projects, Including Airport:	\$82,211,560	\$6,345,589	\$1,531,174	\$2,821,146	\$0	\$16,751,162	\$27,449,071	33.39%
All Projects, Excluding Airport:	\$50,460,398	\$6,345,589	\$1,531,174	\$2,821,146	\$0	\$0	\$10,697,909	21.20%

\*This amount includes Vehicle Registration revenue of \$2,821,146.

## 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 \$60,376,486 (\$50,460,398 of County funding and \$9,916,088 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 RECOMMENDED 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 \$68,788,229 for Transportation and Public Works. The amount represents 68.6% of total 2018 capital appropriations. The \$68,788,229 in appropriations is offset with 26.1% in reimbursement revenues.

	2018
<u>Major 2018 Capital Projects</u>	<u>Appropriation</u>
WA22101-GMIA International Terminal Redevelopment	\$25,198,191
WT10401-Bus Replacement Program-2018	\$15,000,000
WH01016-Reconst. 13th: Drexel to Rawson	\$5,000,000

#### PARKS, RECREATION AND CULTURE

The 2018 Capital Improvements Budget includes appropriations of \$6,322,723 for Parks, Recreation, and Culture. The amount represents 6.3% of total 2018 capital appropriations.

	2018
<u>Major 2018 Capital Projects</u>	<u>Appropriation</u>
WM03901-MPM Fire Panel Replacement	\$2,716,341
WP51201-McKinley Marina Parking Lots	\$2,141,305
WP52501-Point of Sale Replacment	\$890,000

#### GENERAL GOVERNMENT

The 2018 Capital Improvements Budget includes appropriations of \$25,173,295 for General Government. The amount represents 25.1% of total 2018 capital appropriations.

	2018
<u>Major 2018 Capital Projects</u>	<u>Appropriation</u>
WO60201-Enterprise Platform Modernization	\$5,781,106
WO31101-Fleet General Equipment-2018	\$4,383,486
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:	\$54,687,193	\$56,327,809	\$58,017,644	\$59,758,174
2019 - 2022 CIP (non-airport) Proj Requests:	\$147,857,302	\$114,980,349	\$111,919,334	\$346,057,932
<b>Under/(Over) Available County Financing:</b>	<b>(\$93,170,109)</b>	<b>(\$58,652,540)</b>	<b>(\$53,901,690)</b>	<b>(\$286,299,758)</b>

\*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.<sup>5</sup>

<sup>5</sup> 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 RECOMMENDED 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**

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**2018 RECOMMENDED 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:**

<b>Budget Year</b>	<b>Tax Supported Debt Service</b>	<b>County Sales &amp; Use Tax Revenue</b>	<b>Surplus Sales Tax Revenues</b>
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 RECOMMENDED 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:**

<b>Budget Year</b>	<b>Net County Capital Cost</b>	<b>Direct Cash Financing</b>	<b>Percent Cash Financing</b>
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 RECOMMENDED 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:**

<b>Budget Year</b>	<b>Direct Debt</b>	<b>Equalized Value (Includes TID)</b>	<b>Direct Debt as % of Value</b>
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 RECOMMENDED 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:**

<b>Budget Year</b>	<b>Direct Debt</b>	<b>County Population</b>	<b>Direct Debt Per Capita</b>
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**

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# 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WH010</b>	Sub-Project No. <b>WH01006</b>	Sub-Project Title <b>RECONSTRUCT CTH "Y" LAYTON AVENUE 27TH TO 43RD</b>
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**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
<b>TOTAL</b>	<b>\$5,100,000</b>	<b>\$4,064,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,036,000</b>

**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
<b>Total Budget Year Financing</b>	<b>\$420,000</b>		

**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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$420,000</b>	<b>\$4,680,000</b>	<b>\$5,100,000</b>

**Sub-Project Schedule**

Sub-Project Schedule	Month/Year
Complete Site Acquisition	11/1/2020
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

**Useful Life (Yrs)**

25 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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WH010</b>	Sub-Project No. <b>WH01008</b>	Sub-Project Title <b>RECONSTRUCT CTH "N" SOUTH 92ND STREET</b>
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**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
<b>TOTAL</b>	<b>\$3,875,000</b>	<b>\$0</b>	<b>\$1,203,000</b>	<b>\$0</b>	<b>\$2,672,000</b>

**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
<b>Total Budget Year Financing</b>		<b>\$275,000</b>	

**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	\$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
<b>TOTAL</b>	<b>\$500,000</b>	<b>\$275,000</b>	<b>\$3,600,000</b>	<b>\$4,375,000</b>

**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

**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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WH010</b>	Sub-Project No. <b>WH01016</b>	Sub-Project Title <b>RECONST. 13TH: DREXEL TO RAWSON</b>
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**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
<b>TOTAL</b>	<b>\$5,000,000</b>	<b>\$3,960,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,040,000</b>

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
<b>Total Budget Year Financing</b>	<b>\$5,000,000</b>		

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	\$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
<b>TOTAL</b>	<b>\$1,400,151</b>	<b>\$5,000,000</b>	<b>\$0</b>	<b>\$6,400,151</b>

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:

Managing Department or Agency:

Specialized Consultant(s) Retained:

Functional Group:

Capital Category:

# 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WH020</b>	Sub-Project No. <b>WH02019</b>	Sub-Project Title <b>N TEUTONIA AVE. (W. GOOD HOPE TO W. BRADLEY)</b>
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**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
<b>TOTAL</b>	<b>\$4,408,000</b>	<b>\$0</b>	<b>\$1,349,000</b>	<b>\$109,000</b>	<b>\$2,950,000</b>

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
<b>Total Budget Year Financing</b>	<b>\$4,408,000</b>		

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	\$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
<b>TOTAL</b>	<b>\$425,487</b>	<b>\$4,408,000</b>	<b>\$0</b>	<b>\$4,833,487</b>

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:

Managing Department or Agency:

Specialized Consultant(s) Retained:

Functional Group:

Capital Category:

## 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WH092</b>	Sub-Project No. <b>WH09201</b>	Sub-Project Title <b>S. 76TH ST. &amp; W. LAYTON AVE. ADAPT SIGNAL SYSTEM</b>
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**2018 Sub-Project Addresses the following item/issue:**

The sub-project addresses the need to improve the flow of traffic from signalized intersections along the S. 76th St. (CTH U) and W. Layton Ave. (CTH Y) corridors, improving the overall Milwaukee County highway system.

**2018 Sub-Project Scope of Work:**

The scope of work includes the construction phase for the S. 76th St. (CTH U) and W. Layton Ave. (CTH Y) Adaptive Traffic Signal System project in the Congestion Mitigation & Air Quality Program (CMAQ). The work is to model, select, implement and calibrate a traffic adaptive signal system on both corridors of S. 76th St. from Parkview Rd. to Forest Home Ave. and W. Layton Ave. from 92nd St. to 76th St. Software and equipment that allows for remote management of all Milwaukee County traffic signals is required, including possible coordination improvements with other agencies. The Federal funding from the Wisconsin Department of Transportation (WISDOT) under the CMAQ was approved for the total estimated cost of \$524,000 where 80% is Federal funding (\$419,200) and the remaining 20% (\$104,800) funded by Milwaukee County, expiring in 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	\$440,000	\$340,000	\$0	\$0	\$100,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$440,000</b>	<b>\$340,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,000</b>

**2018 Budget Year Financing**

Federal, State & Local Aid	\$340,000	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	\$100,000
<b>Total Budget Year Financing</b>		<b>\$440,000</b>	

**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	\$99,041	\$0	\$0	\$99,041
Construction & Implementation	\$0	\$440,000	\$0	\$440,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$99,041</b>	<b>\$440,000</b>	<b>\$0</b>	<b>\$539,041</b>

**Sub-Project Schedule**

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	5/1/2018
Complete Final Plans & Specs	9/1/2018
Begin Construction/Purchase Asset	11/1/2018
Construction Substantially Completed	6/1/2019
Scheduled Sub-Project Closeout	12/1/2019

**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)

## 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WH094</b>	Sub-Project No. <b>WH09401</b>	Sub-Project Title <b>W RAWSON AVE INT W/ 10TH ST. &amp; 6TH ST.</b>
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**2018 Sub-Project Addresses the following item/issue:**

The sub-project addresses the need to achieve a significant reduction in traffic fatalities and serious injuries, improving highway safety. The intersections of W. Rawson Ave. (CTH BB) at S. 10th St. & S. 6th St. provide access to two large industrial/business parks in the City of Oak Creek. Because of their location and the access to I-94 at Rawson Ave., the intersections have a large number of trucks and are in need of improvement due to the number of accidents that are occurring.

**2018 Sub-Project Scope of Work:**

The scope of work includes the construction phase for the W. Rawson Ave. (CTH BB) intersections with 10th St. & 6th St. project in the Highway Safety Improvement Program (HSIP). The work includes offsetting the left turn lanes on the east and west approaches at the intersections, installation of per lane signal indications (monotubes) and improvements to pavement marking & signing. The Federal funding from WISDOT under HSIP was approved for a total estimated cost of \$934,245 where 90% Federal funding (\$840,820) with the remaining 10% (\$93,425) funded by Milwaukee County, expiring in 2018. Any delay in the start of construction will jeopardize the Federal funding for the entire project. Due to the increase in the construction cost related to signal equipment, roadway/storm sewer work, an additional \$430,554 of Milwaukee County funding is required.

**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	\$1,200,000	\$692,500	\$0	\$0	\$507,500
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$1,200,000</b>	<b>\$692,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$507,500</b>

2018 Budget Year Financing			
Federal, State & Local Aid	\$692,500	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	\$507,500
<b>Total Budget Year Financing</b>	<b>\$1,200,000</b>		

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	\$165,144	\$0	\$0	\$165,144
Construction & Implementation	\$0	\$1,200,000	\$0	\$1,200,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$165,144</b>	<b>\$1,200,000</b>	<b>\$0</b>	<b>\$1,365,144</b>

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	4/1/2017
Complete Final Plans & Specs	11/1/2017
Begin Construction/Purchase Asset	4/1/2018
Construction Substantially Completed	9/1/2018
Scheduled Sub-Project Closeout	6/1/2019

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)

## 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WH095</b>	Sub-Project No. <b>WH09501</b>	Sub-Project Title <b>W RAWSON AVE- S. 27TH ST TO S. 20TH ST.</b>
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**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 completion of the design phase and right-of-way acquisition phases for W. Rawson Ave. (CTH BB) from S. 27th St. to S. 20th St. in the Surface Transportation Program (STP). The work includes the reconstruction of the 0.4 mile segment of W. Rawson Ave. (CTH BB), including consideration for bicycle and pedestrian accommodations. The Milwaukee County Department of Transportation (MCDOT) has applied for funding from the Wisconsin Department of Transportation (WISDOT) under STP for the W. Rawson Ave. (CTH BB) from S. 27th St. to S. 20th St. project and anticipates receiving funding in 2017 so that the design and right-of-way acquisition phases can begin. The total estimated cost of the project is \$3,610,000 where it would provide 80% Federal funding (\$2,880,000) and the remaining 20% funded by Milwaukee County (\$730,000).

**2019-2022 Sub-Project Scope of Work:**

The Five-Year Capital Improvements Plan includes additional appropriations of \$3,000,000 that are necessary to complete the work on the W. Rawson Ave. (CTH BB) from S. 27th St. to S. 20th St. project. Financing is anticipated to be provided from \$2,400,000 in Federal revenue and \$600,000 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	\$460,000	\$360,000	\$0	\$0	\$100,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$3,000,000	\$2,400,000	\$0	\$0	\$600,000
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$3,460,000</b>	<b>\$2,760,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$700,000</b>

**2018 Budget Year Financing**

Federal, State & Local Aid	\$360,000	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	\$100,000
<b>Total Budget Year Financing</b>		<b>\$460,000</b>	

**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	\$150,000	\$360,000	\$0	\$510,000
Construction & Implementation	\$0	\$0	\$3,000,000	\$3,000,000
Right-of-Way Acquisition	\$0	\$100,000	\$0	\$100,000
Equipment	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$150,000</b>	<b>\$460,000</b>	<b>\$3,000,000</b>	<b>\$3,610,000</b>

**Sub-Project Schedule**

Sub-Project Schedule	Month/Year
Complete Site Acquisition	1/1/2020
Complete Preliminary Plan	1/1/2019
Complete Final Plans & Specs	1/1/2020
Begin Construction/Purchase Asset	4/1/2020
Construction Substantially Completed	11/1/2020
Scheduled Sub-Project Closeout	7/1/2021

**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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WH108</b>	Sub-Project No. <b>WH10801</b>	Sub-Project Title <b>W COLLEGE AVE (31ST/34TH) BOX CLVRT/RAILING RPRS</b>
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**2018 Sub-Project Addresses the following item/issue:**

The sub-project addresses the severely deteriorated, structurally deficient, and failing railing and guardrail at the 34th and 31st Street culverts in order to maintain public safety and the integrity of the structures. It requires critically needed concrete, parapet, and curb repairs. It replaces substandard, structurally deficient, and failing railing and guardrail. If not immediately addressed, this could pose a safety concern by further deterioration and structural failure. Highway maintenance have recently placed temporary concrete barriers for safety. This work requires structural expertise and does not qualify for matching under available grants and requires the County to fully fund this work.

**2018 Sub-Project Scope of Work:**

The scope of work includes design and construction to rehabilitate culverts, including repair concrete, replace railing, and guardrail for the West College Avenue (CTH ZZ) culverts at 34th Street and 31st Street over Branch of the Root River in the Cities of Greenfield and Franklin. It will also include concrete walls, parapets, and curbs surface repair, concrete cracks injection/repairs, replacement of railing and guardrail.

**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	\$250,000	\$0	\$0	\$0	\$250,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>

**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	\$250,000
<b>Total Budget Year Financing</b>			<b>\$250,000</b>

**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	\$30,000	\$0	\$30,000
Construction & Implementation	\$0	\$220,000	\$0	\$220,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$250,000</b>

**Sub-Project Schedule**

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	5/1/2018
Complete Final Plans & Specs	6/1/2018
Begin Construction/Purchase Asset	7/1/2018
Construction Substantially Completed	8/1/2018
Scheduled Sub-Project Closeout	12/1/2018

**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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WH109</b>	Sub-Project No. <b>WH10901</b>	Sub-Project Title <b>SIGNAL INSTALL AT W GOOD HOPE RD &amp; PIERRON</b>
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**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
<b>TOTAL</b>	<b>\$315,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$315,000</b>

**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
<b>Total Budget Year Financing</b>			<b>\$315,000</b>

**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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$315,000</b>	<b>\$0</b>	<b>\$315,000</b>

**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	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)

# 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WH240</b>	Sub-Project No. <b>WH24001</b>	Sub-Project Title <b>W RAWSON (CTH BB) USH 45 TO HAWTHORNE LN</b>
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**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 design phase for the W. Rawson Ave. (CTH BB) project from USH 45 to Hawthorne Ln. in the County Highway Improvement Program (CHIP). The work includes a reconditioning of the 1.2 mile segment of W. Rawson Ave. (CTH BB) with hot mix asphalt pavement, including shoulder paving, minor drainage and safety improvements. A delay in the start of the design will jeopardize the State funding allocated by Wisconsin Department of Transportation (WISDOT) for the entire project. The State funding from the WISDOT under the County Highway Improvement Program (CHIP) is a maximum of \$793,000 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 \$2,550,000 that are necessary to complete the work on the project. Financing is anticipated to be provided from \$793,000 in State revenue and \$1,757,000 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	\$300,000	\$0	\$0	\$0	\$300,000
2019	\$150,000	\$0	\$0	\$0	\$150,000
2020	\$2,400,000	\$0	\$793,000	\$0	\$1,607,000
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$2,850,000</b>	<b>\$0</b>	<b>\$793,000</b>	<b>\$0</b>	<b>\$2,057,000</b>

**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	\$300,000
<b>Total Budget Year Financing</b>			<b>\$300,000</b>

**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	\$300,000	\$150,000	\$450,000
Construction & Implementation	\$0	\$0	\$2,400,000	\$2,400,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$2,550,000</b>	<b>\$2,850,000</b>

**Sub-Project Schedule**

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	2/1/2019
Complete Final Plans & Specs	2/1/2020
Begin Construction/Purchase Asset	4/1/2020
Construction Substantially Completed	11/1/2020
Scheduled Sub-Project Closeout	6/1/2021

**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)



**SECTION 2**  
**MASS TRANSIT**

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## 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WT117</b>	Sub-Project No. <b>WT11701</b>	Sub-Project Title <b>PHONE AND VOICEMAIL REPLACEMENT - MCTS</b>
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**2018 Sub-Project Addresses the following item/issue:**

The Milwaukee County Transit System (MCTS) phone system is part of the county-wide phone and voicemail replacement project. The 2016 Adopted Operating Budget for the Department of Transportation - Transit/Paratransit System (DOT-Transit) included an appropriation the replacement of the phone system as part of the overall County-Wide phone and voicemail replacement effort. However, there was no County-Wide phone replacement contract in place to encumber the funds by the close of 2016 and funds were lapsed in accordance with the County carryover policy. Since there were not sufficient funds to carryover without causing a departmental deficit, funds must be re-requested as part of the 2018 Capital Budget to ensure the Transit need is addressed as part of the overall phone and voicemail replacement project.

**2018 Sub-Project Scope of Work:**

The scope of work includes the replacement of the Transit phone and voicemail system as part of the county-wide phone and voicemail replacement project.

**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	\$310,000	\$0	\$0	\$0	\$310,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$310,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$310,000</b>

2018 Budget Year Financing			
Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$310,000	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
<b>Total Budget Year Financing</b>	<b>\$310,000</b>		

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	\$175,000	\$0	\$175,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$135,000	\$0	\$135,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$310,000</b>	<b>\$0</b>	<b>\$310,000</b>

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	8/31/2017
Complete Final Plans & Specs	12/15/2017
Begin Construction/Purchase Asset	4/15/2018
Construction Substantially Completed	6/15/2018
Scheduled Sub-Project Closeout	9/1/2018

Useful Life (Yrs)  
15 Yrs

Requesting Department or Agency:

Managing Department or Agency:

Specialized Consultant(s) Retained:

Functional Group:

Capital Category:

**2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET  
MILWAUKEE COUNTY**

Project No. <b>WT104</b>	Sub-Project No. <b>WT10401</b>	Sub-Project Title <b>BUS REPLACEMENT PROGRAM-2018</b>
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**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 thirty (30) 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	\$15,000,000	\$2,649,085	\$0	\$0	\$12,350,915
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$15,000,000</b>	<b>\$2,649,085</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,350,915</b>

**2018 Budget Year Financing**

Federal, State & Local Aid	\$2,649,085	Investment Earnings	\$0
Sales & Use Tax	\$0	PFC Revenue	\$0
Property Tax	\$1,281,174	Revenue Bonds	\$0
G.O. Bonds & Notes	\$9,821,095	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue-VRF	\$1,248,646
<b>Total Budget Year Financing</b>		<b>\$15,000,000</b>	

**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	\$15,000,000	\$0	\$15,000,000
<b>TOTAL</b>	<b>\$0</b>	<b>\$15,000,000</b>	<b>\$0</b>	<b>\$15,000,000</b>

**Sub-Project Schedule**

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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WT077</b>	Sub-Project No. <b>WT07701</b>	Sub-Project Title <b>FDL BUS STORAGE GARAGE ROOF REPLACEMENT</b>
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**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
<b>TOTAL</b>	<b>\$502,468</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$502,468</b>

**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
<b>Total Budget Year Financing</b>		<b>\$502,468</b>	

**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	\$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
<b>TOTAL</b>	<b>\$2,700,000</b>	<b>\$502,468</b>	<b>\$0</b>	<b>\$3,202,468</b>

**Sub-Project Schedule**

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

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**AIRPORT**

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# 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WA188</b>	Sub-Project No. <b>WA18801</b>	Sub-Project Title <b>LJT NEW FBO TERMINAL FACILITY</b>
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**2018 Sub-Project Addresses the following item/issue:**

The existing Fixed Base Operator (FBO) Terminal Facility at Lawrence J. Timmerman Airport (LJT) was originally constructed in the 1920's, as a general aircraft maintenance and storage hangar. Offices, parts storage, general lobby space, restrooms and flight school classrooms were subsequently added to the original building through subsequent remodeling projects. Currently, the main entrance, reception area, public restrooms and office areas do not meet the current business needs of this facility, placing Timmerman Airport at a competitive disadvantage to other General Aviation (GA) and corporate airports in southeastern Wisconsin in retaining existing based users and attracting new users. New additional space for the FBO building along with additional runway length has been recommended in the LJT Airport Business Plan to better accommodate and attract GA and business aviation customers. Financing is provided from \$313,290 Federal Aviation Administration (FAA) General Aviation Airport Improvement Program (AIP) funding, \$17,405 in State funding and \$17,405 in contributions from the Capital Improvement Reserve Account (CIRA).

**2018 Sub-Project Scope of Work:**

Planning and design of new Terminal Building addition to the existing Fixed Base Operator (FBO) building at Lawrence J. Timmerman Airport (LJT). New building addition will be approximately 3,500 square feet in size, and located immediately adjacent to the south face of the existing terminal building. Purpose of the new space is a general lobby and front desk area for users of the airport. The new building will include an elevator to provide access to the second floor of the existing building. Partial remodeling of the existing building on both the first and second floor levels is included in the scope of this project. With respect to sustainability/energy efficiency, this new building will have energy-efficient lighting and building envelope.

**2019-2022 Sub-Project Scope of Work:**

Construction of a new Terminal Building addition to the existing Fixed Base Operator (FBO) building at Lawrence J. Timmerman Airport. The budget request for 2019 is currently estimated to be \$2,390,312, funded by 90% FAA General Aviation AIP, 5% State, and 5% from the Capital Improvement Reserve Account (CIRA).

*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	\$348,100	\$313,290	\$17,405	\$0	\$17,405
2019	\$2,390,312	\$2,151,281	\$119,515	\$0	\$119,516
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$2,738,412</b>	<b>\$2,464,571</b>	<b>\$136,920</b>	<b>\$0</b>	<b>\$136,921</b>

2018 Budget Year Financing			
Federal, State & Local Aid	\$330,695	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	\$17,405	Other Revenue	\$0
<b>Total Budget Year Financing</b>	<b>\$348,100</b>		

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	\$348,100	\$0	\$348,100
Construction & Implementation	\$0	\$0	\$2,390,312	\$2,390,312
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$348,100</b>	<b>\$2,390,312</b>	<b>\$2,738,412</b>

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	6/1/2018
Complete Final Plans & Specs	12/1/2018
Begin Construction/Purchase Asset	3/1/2019
Construction Substantially Completed	12/1/2019
Scheduled Sub-Project Closeout	6/1/2020

Useful Life (Yrs)  
50 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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WA221</b>	Sub-Project No. <b>WA22101</b>	Sub-Project Title <b>GMIA INTERNATIONAL TERMINAL REDEVELOPMENT</b>
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**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 be built according to Leadership in Energy and Environmental Design (LEED) standards.

**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
<b>TOTAL</b>	<b>\$45,311,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$45,311,000</b>

**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
<b>Total Budget Year Financing</b>		<b>\$25,198,191</b>	

**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	\$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
<b>TOTAL</b>	<b>\$4,689,000</b>	<b>\$25,198,191</b>	<b>\$20,112,809</b>	<b>\$50,000,000</b>

**Sub-Project Schedule**

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
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

**Useful Life (Yrs)**

40 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 Replacement

# 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WA240</b>	Sub-Project No. <b>WA24001</b>	Sub-Project Title <b>LJT SECURITY-WILDLIFE PRMTR FENCING-2018</b>
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**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
<b>TOTAL</b>	<b>\$257,682</b>	<b>\$231,914</b>	<b>\$12,884</b>	<b>\$0</b>	<b>\$12,884</b>

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
<b>Total Budget Year Financing</b>	<b>\$257,682</b>		

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
<b>TOTAL</b>	<b>\$0</b>	<b>\$257,682</b>	<b>\$0</b>	<b>\$257,682</b>

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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WA243</b>	Sub-Project No. <b>WA24301</b>	Sub-Project Title <b>GMIA REPLACEMENT JET BRIDGES-2018</b>
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**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
<b>TOTAL</b>	<b>\$1,545,318</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,545,318</b>

**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
<b>Total Budget Year Financing</b>	<b>\$1,545,318</b>		

**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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$1,545,318</b>	<b>\$0</b>	<b>\$1,545,318</b>

**Sub-Project Schedule**

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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WA245</b>	Sub-Project No. <b>WA24501</b>	Sub-Project Title <b>GMIA AIRFIELD SAFETY IMPRVMT-2018</b>
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**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
<b>TOTAL</b>	<b>\$483,224</b>	<b>\$362,419</b>	<b>\$60,403</b>	<b>\$0</b>	<b>\$60,402</b>

**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
<b>Total Budget Year Financing</b>	<b>\$483,224</b>		

**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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$483,224</b>	<b>\$0</b>	<b>\$483,224</b>

**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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WA246</b>	Sub-Project No. <b>WA24601</b>	Sub-Project Title <b>GMIA AIRFIELD PAVEMENT RPLCMNT-2018</b>
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**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
<b>TOTAL</b>	<b>\$2,341,701</b>	<b>\$1,756,276</b>	<b>\$292,713</b>	<b>\$0</b>	<b>\$292,712</b>

**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
<b>Total Budget Year Financing</b>	<b>\$2,341,701</b>		

**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
<b>TOTAL</b>	<b>\$0</b>	<b>\$2,341,701</b>	<b>\$0</b>	<b>\$2,341,701</b>

**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

**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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WA247</b>	Sub-Project No. <b>WA24701</b>	Sub-Project Title <b>GMIA DEICER PADS (19R)-2018</b>
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**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
<b>TOTAL</b>	<b>\$4,476,893</b>	<b>\$3,357,670</b>	<b>\$559,612</b>	<b>\$0</b>	<b>\$559,611</b>

**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
<b>Total Budget Year Financing</b>	<b>\$4,476,893</b>		

**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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$4,476,893</b>	<b>\$0</b>	<b>\$4,476,893</b>

**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

**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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WA248</b>	Sub-Project No. <b>WA24801</b>	Sub-Project Title <b>LJT PAVEMENT REPLACEMENT</b>
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**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
<b>TOTAL</b>	<b>\$230,601</b>	<b>\$207,541</b>	<b>\$11,530</b>	<b>\$0</b>	<b>\$11,530</b>

**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
<b>Total Budget Year Financing</b>	<b>\$230,601</b>		

**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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$230,601</b>	<b>\$0</b>	<b>\$230,601</b>

**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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WA251</b>	Sub-Project No. <b>WA25101</b>	Sub-Project Title <b>GMIA AIRFIELD DRAINAGE IMPROVEMENTS-2018 (STUDY)</b>
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**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
<b>TOTAL</b>	<b>\$109,603</b>	<b>\$82,203</b>	<b>\$13,700</b>	<b>\$0</b>	<b>\$13,700</b>

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
<b>Total Budget Year Financing</b>	<b>\$109,603</b>		

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	\$109,603	\$0	\$109,603
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$109,603</b>	<b>\$0</b>	<b>\$109,603</b>

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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WA252</b>	Sub-Project No. <b>WA25201</b>	Sub-Project Title <b>GMIA MKE BUSINESS PARK ELECTRICAL INFRASTRUCTURE</b>
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**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
<b>TOTAL</b>	<b>\$2,815,004</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,815,004</b>

**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
<b>Total Budget Year Financing</b>	<b>\$2,815,004</b>		

**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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$2,815,004</b>	<b>\$0</b>	<b>\$2,815,004</b>

**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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WA253</b>	Sub-Project No. <b>WA25301</b>	Sub-Project Title <b>GMIA OPERATIONS CONTROL CENTER</b>
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**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
<b>TOTAL</b>	<b>\$1,644,669</b>	<b>\$1,233,501</b>	<b>\$205,584</b>	<b>\$0</b>	<b>\$205,584</b>

**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
<b>Total Budget Year Financing</b>		<b>\$209,669</b>	

**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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$209,669</b>	<b>\$1,435,000</b>	<b>\$1,644,669</b>

**Sub-Project Schedule**

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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WA254</b>	Sub-Project No. <b>WA25401</b>	Sub-Project Title <b>GMIA PARKING LOT PAVEMENT REPLACEMENT-2018</b>
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**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
<b>TOTAL</b>	<b>\$261,420</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$261,420</b>

**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
<b>Total Budget Year Financing</b>	<b>\$261,420</b>		

**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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$261,420</b>	<b>\$0</b>	<b>\$261,420</b>

**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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WA256</b>	Sub-Project No. <b>WA25601</b>	Sub-Project Title <b>LJT RUNWAY 15L-33R EXTENSION</b>
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**2018 Sub-Project Addresses the following item/issue:**

Aviation activity at Lawrence J. Timmerman Airport (LJT) has declined since 2008, and the status quo forecast is for slow growth. The LJT Business Plan has identified the existing primary runway length of 4,100 feet as a primary reason for the limited growth, particularly for turbine engine aircraft. According to the Business Plan, "Since turbine powered aircraft, including corporate jets, are forecasted to be the fastest growing segment of general aviation, being able to regularly accommodate corporate jet aircraft would provide a significant growth opportunity for aeronautical activity at LJT in the future". The Business Plan further examined several runway alternatives to maximize the available length for the primary runway, 15L-33R. The preferred alternatives recommended for further consideration and evaluation are for a total runway length of 4,870 and 4,970 feet. Financing is provided from \$657,075 Federal Aviation Administration (FAA) General Aviation Airport Improvement Program (AIP) funding, \$36,504 in State funding and \$36,504 in contributions from the Capital Improvement Reserve Account (CIRA).

**2018 Sub-Project Scope of Work:**

Project consists of environmental assessment (EA), planning and design of an extended Runway 15L-33R located at Lawrence J. Timmerman Airport. Planning and EA work include alternatives analysis, selection of the preferred alternative and preliminary cost estimates. Design work includes preliminary and final design of the runway and associated infrastructure, detailed cost estimates and bidding document production.

**2019-2022 Sub-Project Scope of Work:**

Construction and commissioning of an extended Runway 15L-33R based on the design of the recommended alternative. The budget request is expected to be \$5,000,000 and funded by 90% Federal Aviation Administration (FAA) General Aviation Airport Improvement Program (AIP) funding, 5% State, and 5% from the Capital Improvement Reserve Account (CIRA).

*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	\$730,083	\$657,075	\$36,504	\$0	\$36,504
2019	\$0	\$0	\$0	\$0	\$0
2020	\$5,000,000	\$4,500,000	\$250,000	\$0	\$250,000
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$5,730,083</b>	<b>\$5,157,075</b>	<b>\$286,504</b>	<b>\$0</b>	<b>\$286,504</b>

**2018 Budget Year Financing**

Federal, State & Local Aid	\$693,579	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	\$36,504	Other Revenue	\$0
<b>Total Budget Year Financing</b>	<b>\$730,083</b>		

**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	\$730,083	\$0	\$730,083
Construction & Implementation	\$0	\$0	\$5,000,000	\$5,000,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$730,083</b>	<b>\$5,000,000</b>	<b>\$5,730,083</b>

**Sub-Project Schedule**

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	12/31/2018
Complete Final Plans & Specs	12/31/2019
Begin Construction/Purchase Asset	5/1/2020
Construction Substantially Completed	6/1/2021
Scheduled Sub-Project Closeout	3/1/2022

**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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WA260</b>	Sub-Project No. <b>WA26001</b>	Sub-Project Title <b>GMIA PARKING STRUCTURE REPAIRS-2018</b>
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**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
<b>TOTAL</b>	<b>\$900,272</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$900,272</b>

**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
<b>Total Budget Year Financing</b>	<b>\$900,272</b>		

**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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$900,272</b>	<b>\$0</b>	<b>\$900,272</b>

**Sub-Project Schedule**

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**

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# 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WP512</b>	Sub-Project No. <b>WP51201</b>	Sub-Project Title <b>MCKINLEY MARINA PARKING LOTS</b>
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**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
<b>TOTAL</b>	<b>\$2,141,305</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,141,305</b>

**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
<b>Total Budget Year Financing</b>	<b>\$2,141,305</b>		

**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	\$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
<b>TOTAL</b>	<b>\$365,000</b>	<b>\$2,141,305</b>	<b>\$0</b>	<b>\$2,506,305</b>

**Sub-Project Schedule**

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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET  
MILWAUKEE COUNTY**

Project No. <b>WP525</b>	Sub-Project No. <b>WP52501</b>	Sub-Project Title <b>POINT OF SALE REPLACEMENT</b>
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**2018 Sub-Project Addresses the following item/issue:**

The Department of Parks, Recreation, & Culture's (Parks) "Fairway" Point of Sale (POS) and the "CLASS" reservation system owned by the parent company Active are being discontinued as of December 31st, 2017, and will no longer be supported. Milwaukee County's contract for both systems also expires December 31st, 2017. Both systems need to be replaced in 2017 to complete reservation and business transactions. Park's 2017 Adopted Operating Budget included an appropriation of \$240,000 to begin work on replacement of the POS and CLASS systems and the transition to a more appropriate platform is underway.

**2018 Sub-Project Scope of Work:**

The scope of work will continue with the implementation and training of the Parks Class Reservation and Fairway Golf Systems that was begun in 2017. Site rollout of the initial WebTrac and RecTrac software will occur according to the established deployment plan.

**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	\$890,000	\$0	\$0	\$0	\$890,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$890,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$890,000</b>

**2018 Budget Year Financing**

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$890,000	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
<b>Total Budget Year Financing</b>		<b>\$890,000</b>	

**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	\$0	\$0	\$0
Construction & Implementation	\$0	\$890,000	\$0	\$890,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$890,000</b>	<b>\$0</b>	<b>\$890,000</b>

**Sub-Project Schedule**

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	6/1/2017
Complete Final Plans & Specs	10/31/2017
Begin Construction/Purchase Asset	11/1/2017
Construction Substantially Completed	7/1/2018
Scheduled Sub-Project Closeout	12/1/2018

**Useful Life (Yrs)**

5-7 Yrs

**Requesting Department or Agency:**

Parks, Recreation, & Culture

**Managing Department or Agency:**

Dept of Admn Services - Information Management Services

**Specialized Consultant(s) Retained:**

Yes

**Functional Group:**

Parks, Recreation, & Culture

**Capital Category:**

Technology & Electronic Equipment

# 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

<small>Project No.</small> <b>WP544</b>	<small>Sub-Project No.</small> <b>WP54401</b>	<small>Sub-Project Title</small> <b>MCCARTY ELECTRICAL SERVICE REPLACEMENT</b>
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**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
<b>TOTAL</b>	<b>\$1,037,049</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,037,049</b>

**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
<b>Total Budget Year Financing</b>	<b>\$118,574</b>		

**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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$118,574</b>	<b>\$918,475</b>	<b>\$1,037,049</b>

**Sub-Project Schedule**

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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WP552</b>	Sub-Project No. <b>WP55201</b>	Sub-Project Title <b>FRANKLIN PARK RYAN CREEK BRIDGE REPLACEMENT</b>
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**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
<b>TOTAL</b>	<b>\$136,503</b>	<b>\$0</b>	<b>\$136,503</b>	<b>\$0</b>	<b>\$0</b>

**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
<b>Total Budget Year Financing</b>		<b>\$136,503</b>	

**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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$136,503</b>	<b>\$0</b>	<b>\$136,503</b>

**Sub-Project Schedule**

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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

<small>Project No.</small> <b>WP553</b>	<small>Sub-Project No.</small> <b>WP55301</b>	<small>Sub-Project Title</small> <b>MITCHELL PARK CONSERVATORY PLANNING</b>
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**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
<b>TOTAL</b>	<b>\$320,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$320,000</b>

**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
<b>Total Budget Year Financing</b>		<b>\$320,000</b>	

**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	\$320,000	\$0	\$320,000
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$320,000</b>	<b>\$0</b>	<b>\$320,000</b>

**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

**Useful Life (Yrs)**

50 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

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**MILWAUKEE PUBLIC MUSEUM**

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## 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

<small>Project No.</small> <b>WM039</b>	<small>Sub-Project No.</small> <b>WM03901</b>	<small>Sub-Project Title</small> <b>MPM FIRE PANEL REPLACEMENT</b>
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**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
<b>TOTAL</b>	<b>\$2,716,341</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,716,341</b>

**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
<b>Total Budget Year Financing</b>	<b>\$2,716,341</b>		

**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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$2,716,341</b>	<b>\$0</b>	<b>\$2,716,341</b>

**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

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**2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET  
MILWAUKEE COUNTY**

Project No. <b>WC150</b>	Sub-Project No. <b>WC15001</b>	Sub-Project Title <b>COGGS FIRE ALARM SYSTEM REPLACEMENT</b>
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**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
<b>TOTAL</b>	<b>\$181,312</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$181,312</b>

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
<b>Total Budget Year Financing</b>		<b>\$181,312</b>	

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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$181,312</b>	<b>\$0</b>	<b>\$181,312</b>

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

Useful Life (Yrs)	20 Yrs
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**Requesting Department or Agency:**

**Managing Department or Agency:**

**Specialized Consultant(s) Retained:**

**Functional Group:**

**Capital Category:**

# 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WC154</b>	Sub-Project No. <b>WC15401</b>	Sub-Project Title <b>CJF PUBLIC ELEVATORS 1 AND 2 UPGRADE</b>
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**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
<b>TOTAL</b>	<b>\$794,420</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$794,420</b>

**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
<b>Total Budget Year Financing</b>	<b>\$794,420</b>		

**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	\$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
<b>TOTAL</b>	<b>\$75,000</b>	<b>\$794,420</b>	<b>\$0</b>	<b>\$869,420</b>

**Sub-Project Schedule**

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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

<small>Project No.</small> <b>WC164</b>	<small>Sub-Project No.</small> <b>WC16401</b>	<small>Sub-Project Title</small> <b>SAFETY BUILDING ELEVATOR MODERNIZATION (CARS 3,4, &amp; 6)</b>
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**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
<b>TOTAL</b>	<b>\$1,181,031</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,181,031</b>

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
<b>Total Budget Year Financing</b>	<b>\$1,181,031</b>		

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
<b>TOTAL</b>	<b>\$0</b>	<b>\$1,181,031</b>	<b>\$0</b>	<b>\$1,181,031</b>

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:**

**Managing Department or Agency:**

**Specialized Consultant(s) Retained:**

**Functional Group:**

**Capital Category:**

## 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WC166</b>	Sub-Project No. <b>WC16601</b>	Sub-Project Title <b>SLAB REPLACEMENT MPM/PIONEER VILLAGE AREA</b>
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**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
<b>TOTAL</b>	<b>\$1,301,347</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,301,347</b>

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
<b>Total Budget Year Financing</b>	<b>\$1,301,347</b>		

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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$1,301,347</b>	<b>\$0</b>	<b>\$1,301,347</b>

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:**

**Managing Department or Agency:**

**Specialized Consultant(s) Retained:**

**Functional Group:**

**Capital Category:**



**SECTION 7**  
**HOUSE OF CORRECTIONS**

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# 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WJ083</b>	Sub-Project No. <b>WJ08301</b>	Sub-Project Title <b>HOC SECURITY SYSTEM REPLACEMENT</b>
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**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
<b>TOTAL</b>	<b>\$433,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$433,000</b>

**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
<b>Total Budget Year Financing</b>		<b>\$235,985</b>	

**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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$235,985</b>	<b>\$197,015</b>	<b>\$433,000</b>

**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

**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

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OTHER AGENCIES**

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# 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WO176</b>	Sub-Project No. <b>WO17601</b>	Sub-Project Title <b>MAINFRAME RETIREMENT</b>
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**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 onto 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
<b>TOTAL</b>	<b>\$163,504</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$163,504</b>

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
<b>Total Budget Year Financing</b>	<b>\$163,504</b>		

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	\$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
<b>TOTAL</b>	<b>\$691,500</b>	<b>\$163,504</b>	<b>\$0</b>	<b>\$855,004</b>

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

Useful Life (Yrs)	3 Yrs
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**Requesting Department or Agency:**

**Managing Department or Agency:**

**Specialized Consultant(s) Retained:**

**Functional Group:**

**Capital Category:**

## 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WO180</b>	Sub-Project No. <b>WO18001</b>	Sub-Project Title <b>INFORMATION TECHNOLOGY SECURITY</b>
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**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
<b>TOTAL</b>	<b>\$388,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$388,200</b>

**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
<b>Total Budget Year Financing</b>		<b>\$388,200</b>	

**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	\$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
<b>TOTAL</b>	<b>\$1,140,000</b>	<b>\$388,200</b>	<b>\$0</b>	<b>\$1,528,200</b>

**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

**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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WO217</b>	Sub-Project No. <b>WO21701</b>	Sub-Project Title <b>PHONE AND VOICEMAIL REPLACEMENT</b>
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**2018 Sub-Project Addresses the following item/issue:**

The Department of Administrative Service - Information Management Services Division (DAS-IMSD) staff has indicated that Milwaukee County (County) is at a critical point in which the aged phone system at many of its facilities (Courthouse, Children's Court, BHD, Coggs, House of Correction, Zoo, and City Campus) is no longer supported. To mitigate the risk of catastrophic failure, the phone system must be replaced. Most phone systems are outdated and the County cannot add licenses for new subscriber lines. Without immediate replacement or substantial upgrade, DAS-IMSD will be unable to implement new collaboration technologies and be unable to support any additional users. DAS-IMSD staff has indicated that a new phone system technology will enable cost savings associated with scaling, shifting service/locations, long distance charges, conference calling and basic phone service contract negotiation.

Appropriations of \$552,062 initiated this project in 2013. Additional appropriations of \$250,000 (2016) and \$900,000 (2017) were included in prior adopted capital budgets.

**2018 Sub-Project Scope of Work:**

The scope of work provides funding for critical repairs of the existing phone system and additional funding for consultants related to implementation.

**2019-2022 Sub-Project Scope of Work:**

The 2019 scope of work includes installation of core equipment at the Courthouse, Children's Court, the Behavior Health Division, Marcia P Coggs Center, House of Correction, the Zoo, General Mitchell International Airport and the Milwaukee County Transit Center. This includes cabling, equipment, implementation of the core servers, voice mail system, call distribution software and integration software to allow locations to be tied together. It also includes consulting and contract implementation support.

*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	\$300,971	\$0	\$0	\$0	\$300,971
2019	\$3,379,029	\$0	\$0	\$0	\$3,379,029
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$3,680,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,680,000</b>

**2018 Budget Year Financing**

Federal, State & Local Aid	\$0	Investment Earnings	\$0
Sales & Use Tax	\$300,971	PFC Revenue	\$0
Property Tax	\$0	Revenue Bonds	\$0
G.O. Bonds & Notes	\$0	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
<b>Total Budget Year Financing</b>	<b>\$300,971</b>		

**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	\$200,000	\$30,000	\$0	\$230,000
Construction & Implementation	\$0	\$10,000	\$800,000	\$810,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$1,502,062	\$260,971	\$2,579,029	\$4,342,062
<b>TOTAL</b>	<b>\$1,702,062</b>	<b>\$300,971</b>	<b>\$3,379,029</b>	<b>\$5,382,062</b>

**Sub-Project Schedule**

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	8/31/2017
Complete Final Plans & Specs	1/31/2018
Begin Construction/Purchase Asset	8/31/2017
Construction Substantially Completed	10/31/2018
Scheduled Sub-Project Closeout	12/31/2019

**Useful Life (Yrs)**

5-10 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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

<b>Project No.</b> WO602	<b>Sub-Project No.</b> WO60201	<b>Sub-Project Title</b> ENTERPRISE PLATFORM MODERNIZATION
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**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
<b>TOTAL</b>	<b>\$12,762,151</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,762,151</b>

**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
<b>Total Budget Year Financing</b>	<b>\$5,781,106</b>		

**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	\$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
<b>TOTAL</b>	<b>\$9,064,125</b>	<b>\$5,781,106</b>	<b>\$6,981,045</b>	<b>\$21,826,276</b>

**Sub-Project Schedule**

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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WO175</b>	Sub-Project No. <b>WO17501</b>	Sub-Project Title <b>FLEET CENTRAL GARAGE ROOF REPLACEMENT</b>
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**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
<b>TOTAL</b>	<b>\$6,149,478</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,149,478</b>

**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
<b>Total Budget Year Financing</b>	<b>\$2,838,064</b>		

**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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$2,838,064</b>	<b>\$3,311,414</b>	<b>\$6,149,478</b>

**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

**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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WO198</b>	Sub-Project No. <b>WO19801</b>	Sub-Project Title <b>FUEL TRANSACTION SOFTWARE</b>
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**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
<b>TOTAL</b>	<b>\$261,861</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$261,861</b>

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
<b>Total Budget Year Financing</b>	<b>\$261,861</b>		

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	\$0	\$0	\$0
Construction & Implementation	\$0	\$261,861	\$0	\$261,861
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$0</b>	<b>\$261,861</b>	<b>\$0</b>	<b>\$261,861</b>

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:**

**Managing Department or Agency:**

**Specialized Consultant(s) Retained:**

**Functional Group:**

**Capital Category:**

**2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET  
MILWAUKEE COUNTY**

Project No. <b>WO311</b>	Sub-Project No. <b>WO31101</b>	Sub-Project Title <b>FLEET GENERAL EQUIPMENT-2018</b>
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**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.

**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	\$4,383,486	\$0	\$0	\$0	\$4,383,486
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
2022	\$0	\$0	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$4,383,486</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,383,486</b>

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	\$4,383,486	Gifts & Cash Contr	\$0
Airport Reserve	\$0	Other Revenue	\$0
<b>Total Budget Year Financing</b>		<b>\$4,383,486</b>	

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	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$4,383,486	\$0	\$4,383,486
<b>TOTAL</b>	<b>\$0</b>	<b>\$4,383,486</b>	<b>\$0</b>	<b>\$4,383,486</b>

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:

Managing Department or Agency:

Specialized Consultant(s) Retained:

Functional Group:

Capital Category:

**2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET  
MILWAUKEE COUNTY**

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION		EQUIP YEAR	EQUIPMENT		TOTAL BUDGET
					DESCRIPTION	DESCRIPTION		DESCRIPTION	DESCRIPTION	
<b>HIGHWAY</b>										
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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET  
MILWAUKEE COUNTY**

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL BUDGET
								\$ 3,406,000
	<b>DISTRICT ATTORNEY</b>							
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
								\$ 96,000
	<b>BEHAVIORAL HEALTH</b>							
33	114698	7	High	6443	Psychiatric Crisis	2010	Sedan	\$ 24,000
								\$ 24,000
	<b>DHHS</b>							
34	165959	7	High	8529	Outreach Services	2007	Minivan	\$ 24,000
								\$ 24,000
	<b>DAS</b>							
35	165953	7	High		IMSD- Personal Computers	2007	Minivan	\$ 24,000
36	165961	7	High		IMSD- Network	2007	Minivan	\$ 24,000
								\$ 48,000
	<b>MEDICAL EXAMINER</b>							
37	153049	7	High	4900	ME's Office	2005	SUV	\$ 50,086
38	153049	7	High	4900	ME's Office	2010	SUV	\$ 30,000
								\$ 80,086
	<b>FACILITIES</b>							
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

**2018 RECOMMENDED 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
	<b>FLEET</b>							<b>\$ 144,400</b>
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
	<b>ZOO</b>							<b>\$ 234,000</b>
49	118503	12	High	9523	Zoo	2006	Vac Truck	\$ 290,000
50	152534	12	High	9523	Zoo	2003	Utility Van	\$ 37,000
	<b>TOTAL OF GENERAL FLEET EQUIPMENT</b>							<b>\$ 327,000</b>
								<b>\$ 4,383,486</b>



## 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WO312</b>	Sub-Project No. <b>WO31201</b>	Sub-Project Title <b>SHERIFF FLEET EQUIPMENT-2018</b>
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**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
<b>TOTAL</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>

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
<b>Total Budget Year Financing</b>	<b>\$1,000,000</b>		

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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$1,000,000</b>

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:**

**Managing Department or Agency:**

**Specialized Consultant(s) Retained:**

**Functional Group:**

**Capital Category:**

**2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET  
MILWAUKEE COUNTY**

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL BUDGET
	<b>SHERIFF</b>							
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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET  
MILWAUKEE COUNTY**

LINE	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
					<b>TOTAL OF SHERIFF EQUIPMENT</b>			<b>\$ 1,000,000</b>

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## 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WO313</b>	Sub-Project No. <b>WO31301</b>	Sub-Project Title <b>HOUSE OF CORRECTION FLEET EQUIPMENT-2018</b>
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**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
<b>TOTAL</b>	<b>\$141,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$141,000</b>

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
<b>Total Budget Year Financing</b>	<b>\$141,000</b>		

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
<b>TOTAL</b>	<b>\$0</b>	<b>\$141,000</b>	<b>\$0</b>	<b>\$141,000</b>

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:

Managing Department or Agency:

Specialized Consultant(s) Retained:

Functional Group:

Capital Category:

**2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET  
MILWAUKEE COUNTY**

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL BUDGET
	<b>HOUSE OF CORRECTION</b>							
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
					<b>TOTAL OF WO112044-HOUSE OF CORRECTION EQUIPMENT</b>			<b>\$ 141,000</b>

## 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WO314</b>	Sub-Project No. <b>WO31401</b>	Sub-Project Title <b>FLEET PARKS EQUIPMENT-2018</b>
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**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
<b>TOTAL</b>	<b>\$3,575,832</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,575,832</b>

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
<b>Total Budget Year Financing</b>	<b>\$3,575,832</b>		

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	\$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
<b>TOTAL</b>	<b>\$0</b>	<b>\$3,575,832</b>	<b>\$0</b>	<b>\$3,575,832</b>

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:**

**Managing Department or Agency:**

**Specialized Consultant(s) Retained:**

**Functional Group:**

**Capital Category:**

**2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET  
MILWAUKEE COUNTY**

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL BUDGET
<b>PARKS GENERAL EQUIPMENT</b>								
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



**2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET  
MILWAUKEE COUNTY**

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL BUDGET
29	173183	12	High	9036	Parks- Golf	2003	Turf Truck	\$ 23,000
30	173184	12	High	9036	Parks- Golf	2003	Turf Truck	\$ 23,000
31	173185	12	High	9036	Parks- Golf	2003	Turf Truck	\$ 23,000
32	173176	12	High	9036	Parks- Golf	2000	Turf Truck w/ core harvester	\$ 29,000
33	173177	12	High	9036	Parks- Golf	2000	Turf Truck w/ core harvester	\$ 29,000
34	173179	12	High	9036	Parks- Golf	2000	Turf Truck w/ core harvester	\$ 29,000
35	173181	12	High	9036	Parks- Golf	2000	Turf Truck w/ core harvester	\$ 29,000
36	812008	12	High	9430	Parks Maintenance	1985	Forklift	\$ 38,000
37	902017	12	High	9420	Parks- Forestry	2003	Chipper	\$ 56,000
38	902018	12	High	9420	Parks- Forestry	2004	Chipper	\$ 56,000
<b>SUBTOTAL OF WO112054-PARKS SIX DIGIT EQUIPMENT</b>								<b>\$ 1,563,000</b>
<b>PARKS FIVE DIGIT EQUIPMENT</b>								
39	38219	12	High	9168	Parks- Recreation	1998	Zamboni Ice Resurfacer	\$ 150,116
40	38223	12	High	9136	Parks- Central	1999	Zamboni Ice Resurfacer	\$ 150,116
41	40014	12	High	9155	Parks- South	2001	Skidsteer	\$ 50,000
42	4041	12	High	9155	Parks- South	2002	Skidsteer	\$ 50,000
43	4042	12	High	9430	Park Maintenance	2002	Skidsteer	\$ 50,000
44	4032	12	High	9176	Parks- Horticulture	1998	Skidsteer	\$ 50,000
45	45208	12	High	9420	Parks- Forestry	2002	Stump Grinder	\$ 43,000
46	4688	12	High	9176	Parks- Horticulture	1960	Side Dump Cemetery Cart	\$ 3,200
47	4694	12	High	9176	Parks- Horticulture	1960	Side Dump Cemetery Cart	\$ 3,200
48	4698	12	High	9173	Parks- Horticulture	1960	Side Dump Cemetery Cart	\$ 3,200
49	204137	12	High	9036	Parks- Golf	1988	Mower, 16'	\$ 100,000
50	20011	12	High	9036	Parks- Golf	2001	Greens Mower	\$ 35,000
51	20013	12	High	9036	Parks- Golf	2001	Greens Mower	\$ 35,000
52	20129	12	High	9036	Parks- Golf	2001	Greens Mower	\$ 35,000
53	20145	12	High	9036	Parks- Golf	2001	Greens Mower	\$ 35,000
54	20161	12	High	9036	Parks- Golf	2001	Greens Mower	\$ 35,000
55	20162	12	High	9036	Parks- Golf	2001	Greens Mower	\$ 35,000

**2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET  
MILWAUKEE COUNTY**

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL 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
<b>SUBTOTAL OF WO112054-PARKS FIVE DIGIT EQUIPMENT</b>								<b>\$ 2,012,832</b>
<b>TOTAL OF PARKS EQUIPMENT</b>								<b>\$ 3,575,832</b>

# 2018 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WO303</b>	Sub-Project No. <b>WO30301</b>	Sub-Project Title <b>PUBLIC SAFETY DATA INTEROPERABILITY</b>
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**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
<b>TOTAL</b>	<b>\$762,650</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$762,650</b>

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
<b>Total Budget Year Financing</b>	<b>\$762,650</b>		

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	\$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
<b>TOTAL</b>	<b>\$275,000</b>	<b>\$762,650</b>	<b>\$0</b>	<b>\$1,037,650</b>

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 RECOMMENDED CAPITAL IMPROVEMENT BUDGET MILWAUKEE COUNTY

Project No. <b>WO890</b>	Sub-Project No. <b>WO89001</b>	Sub-Project Title <b>MCPA UIHLEIN HALL STAGE LIFTS</b>
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**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 platforms, 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
<b>TOTAL</b>	<b>\$1,882,526</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,882,526</b>

**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
<b>Total Budget Year Financing</b>	<b>\$1,882,526</b>		

**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
<b>TOTAL</b>	<b>\$0</b>	<b>\$1,882,526</b>	<b>\$0</b>	<b>\$1,882,526</b>

**Sub-Project Schedule**

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

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

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**5-Year Capital Improvement Plan by County/Non-County Funding (by Department/Division-DOT-Airport Only) (a)**

DEPT	Project	Project Description	2018			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-AIRPORT	WA25901	GMAA Parking Structure Repair-Planning Placeholder	900,272		900,272												
DOT-AIRPORT	WA26001	GMAA Parking Structure Repairs-2018	17,405	330,695	348,100												
DOT-AIRPORT	WA18801	LT New FBO Terminal Facility				119,516	2,270,796	2,390,312									
DOT-AIRPORT	WA23001	GMAA Airfield Safety Improvmt-Planning Placeholder	60,402	422,822	483,224	64,625	452,375	517,000									
DOT-AIRPORT	WA24501	GMAA Physical Access Control System Upgrade				5,000,000		5,000,000									
DOT-AIRPORT	WA23101	GMAA Replacement Jet Bridges-Planning Placeholder	1,545,318		1,545,318	1,500,000		1,500,000									
DOT-AIRPORT	WA24201	GMAA Fleet Snow Combination Units-Plan Placeholder															
DOT-AIRPORT	WA23201	GMAA Airfield Pavement Rplcmt-Plan Placeholder	292,712	2,048,989	2,341,701	140,000	980,000	1,120,000									
DOT-AIRPORT	WA24601	GMAA Airfield Pavement Rplcmt-2018				3,858,000	27,006,000	30,864,000									
DOT-AIRPORT	WA23401	GMAA Deicer Pads-Planning Placeholder															
DOT-AIRPORT	WA24701	GMAA Deicer Pads (19R)-2018	559,611	3,917,282	4,476,893												
DOT-AIRPORT	WA22101	GMAA International Terminal Redevelopment	25,198,191		25,198,191	20,112,809	427,500	450,000									
DOT-AIRPORT	WA23501	LT Pavement Replacement-Planning Placeholder				22,500	427,500	450,000									
DOT-AIRPORT	WA24801	LT Pavement Replacement-2018	11,530	219,071	230,601	22,500	427,500	450,000									
DOT-AIRPORT	WA24001	LT Security-Wildlife Prmr Fencing	12,884	244,798	257,682	62,500	437,500	500,000									
DOT-AIRPORT	WA25001	GMAA Airfield Drainage Improvements Placeholder															
DOT-AIRPORT	WA25101	GMAA Airfield Drainage Improvements-2018 (Study)	13,700	95,903	109,603												
DOT-AIRPORT	WA25201	GMAA Airfield Drainage Improvements-2018 (Study)	2,815,004		2,815,004	179,375	1,255,625	1,435,000									
DOT-AIRPORT	WA25301	GMAA Operations Control Center	26,209	183,460	209,669	250,000		250,000									
DOT-AIRPORT	WA25801	GMAA Parking Lot Pavement Replacement Placeholder				250,000		250,000									
DOT-AIRPORT	WA25401	GMAA Parking Lot Pavement Replacement-2018															
DOT-AIRPORT	WA25501	GMAA HVAC Cooling Tower Replacement															
DOT-AIRPORT	WA25701	GMAA Storage Facility - Snow Removal Equipment	261,420		261,420												
DOT-AIRPORT	WA25601	LIT Runway 15L-33R Extension	36,504	693,579	730,083	250,000	4,750,000	5,000,000									
<b>DOT-AIRPORT Capital Project Funding by YEAR:</b>			<b>County</b>	<b>Non-County</b>	<b>Total</b>	<b>County</b>	<b>Non-County</b>	<b>Total</b>	<b>County</b>	<b>Non-County</b>	<b>Total</b>	<b>County</b>	<b>Non-County</b>	<b>Total</b>	<b>County</b>	<b>Non-County</b>	<b>Total</b>
			\$31,751,162	\$8,156,599	\$39,907,761	\$27,451,325	\$5,823,796	\$33,275,121	\$5,397,625	\$34,053,375	\$39,451,000	\$5,547,500	\$2,352,500	\$10,297,500	\$10,000,000	\$1,050,000	\$11,050,000
<b>DOT-AIRPORT Total Projects by YEAR:</b>			<b>County</b>	<b>Non-County</b>	<b>Total</b>	<b>County</b>	<b>Non-County</b>	<b>Total</b>	<b>County</b>	<b>Non-County</b>	<b>Total</b>	<b>County</b>	<b>Non-County</b>	<b>Total</b>	<b>County</b>	<b>Non-County</b>	<b>Total</b>
			14	11	25	8	8	16	8	8	16	9	9	18	9	9	18

<b>2018 - 2022 Capital Improvement Plan (a1)</b>	
Total County Funding over 5 Years (2018 - 2022):	\$90,445,112
Total Non-County Funding over 5 Years (2018 - 2022):	\$52,738,770
Total # of Capital Projects over 5 Years (2018 - 2022):	50

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.

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

**COUNTY-WIDE (EXCLUDES DOT-AIRPORT)**

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

Table with columns: DEPT, Project, Project Description, 2018- BUDGET (County, Non-County, Total), 2019 (County, Non-County, Total), 2020 (County, Non-County, Total), 2021 (County, Non-County, Total), 2022 (County, Non-County, Total), Total. Rows include projects like MPM High Pressure Steam Line Replacement, MPM Loading Dock Exterior Facade, etc.



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
	All Depts County-Wide																
PARKS	WP42601	Restroom Ventilation Rplmt-Planning Placeholder	300,000		300,000			300,000									
PARKS	WP37201	McKinley Park Flushing Channel Seawall Replac	250,000		250,000			250,000									
PARKS	WP30201	Playground Resurfacing Prgm-Planning Placeholder	375,000		375,000			375,000									
PARKS	WP64801	Estabrook Dam Parking Lot Elimination	17,000		17,000			17,000									
PARKS	WP64901	Brown Deer Boathouse Lower Restroom Renovation	300,000		300,000			300,000									
PARKS	WP65001	Grant Clubhouse Trim and Siding Replacement	120,000		120,000			120,000									
PARKS	WP65101	Kosciusko Gym Roof Replacement	200,000		200,000			200,000									
PARKS	WP65201	Warrenmont Clubhouse Roof Replacement	30,000		30,000			30,000									
PARKS	WP65301	Wilson Recreation Emergency Exit Door Replacement	100,000		100,000			100,000									
PARKS	WP65401	Grant 3 Playground Replacement	275,000		275,000			275,000									
PARKS	WP65501	Amphibian Exclusion Barrier (Falk Park)	100,000		100,000			100,000									
PARKS	WP65601	Humboldt Pavilion HVAC Replacement	80,000		80,000			80,000									
PARKS	WP65701	Lincoln Blatz - new AC and upgrade Electrical	300,000		300,000			300,000									
PARKS	WP65701	Center Street Park Playground Replacement															
PARKS	WP36701	Cool Waters Aquatic Center Runout Slide															
PARKS	WP65801	Currie Golf Cart Paths															
PARKS	WP65901	Dineen Park Playground Replacement															
PARKS	WP66001	Dzetska Chalet Parking Lot Replacement (reduce size)															
PARKS	WP66101	Grobschmidt Bathhouse Roof Replacement															
PARKS	WP66201	KK-Sports Restroom Renovation															
PARKS	WP66301	Kosciusko Aquatic Center Playground Replacement															
PARKS	WP66401	Lake Michigan Shoreline Stabilization - Sheridan Park															
PARKS	WP41801	Lincoln Park Walkways															
PARKS	WP66501	Lincoln South Parking Lot Replacement	120,000		120,000			120,000									
PARKS	WP47301	Little Minnie River Pkwy Rd Rplcmtt-Appleton-Leon Trce	50,000		50,000			50,000									
PARKS	WP66601	Lyons Playground Replacement	170,000		170,000			170,000									
PARKS	WP66701	McCarthy Pavilion Roof Replacement															
PARKS	WP66801	Mitchell Lagoon Pavilion Restroom Renovation															
PARKS	WP66901	Mitchell Blvd Playground Replacement															
PARKS	WP67001	Noyes Indoor Pool Clerestory Window Replacement															
PARKS	WP67101	Oakwood Clubhouse HVAC Replacement															
PARKS	WP67201	Pulaski Indoor Pool Clerestory Window Replacement															
PARKS	WP67301	Tippecanoe Playground Replacement															
PARKS	WP67401	Underwood Creek Pkwy Rd Rplcmtt-Roundabout to Swan															
PARKS	WP67501	Warrenmont Clubhouse Restroom Renovation															
PARKS	WP67601	Warrenmont Golf Irrigation															
PARKS	WP67701	Wedgewood Wading Pool Rehabilitation															
PARKS	WP67801	Wehr Connection to Municipal Water															
PARKS	WP67901	Wehr Nature Center Restroom Renovation															
PARKS	WP68001	Wisconsin Avenue Playground Replacement															
PARKS	WP68101	Zablocki Golf Restroom Renovation															
WMC-MAM	WC52102	Boiler Replacement															
WMC-MAM	WC53801	Chiller Operation Ice Bank															
WMC-MAM	WC53902	Electrical Gear & Substation Replace (Saarinen)															
WMC-MAM	WC53901	Electrical Gear & Substation Replace (Kahler)															
WMC-MAM	WC52401	Veterans Gallery Windows	800,000		800,000			800,000									
WMC-MAM	WC52501	War Memorial Terrazo															
			300,000			300,000			300,000			300,000			300,000		



**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	County	Non-County	County	Non-County	County	Non-County	County	Non-County			
ZOO	WZ11801	Hippopotamus Exhibit Renovations	1,400,000	2,600,000	1,400,000	2,600,000	1,700,000	1,700,000	2,150,000	2,150,000	400,000	400,000			
ZOO	WZ14101	Zoo Adventure Africa-Rhinos Exhibit	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	800,000			
ZOO	WZ16601	East Entry Retail/Admin Offices Relocation	52,071	601,713	52,071	601,713	252,825	252,825	252,825	252,825	200,000	400,000			
ZOO	WZ17001	Alaska's Cold Coast	52,071	601,713	52,071	601,713	252,825	252,825	252,825	252,825	200,000	400,000			
ZOO	WZ17101	Farm Walk-about & Site Improvements	52,071	601,713	52,071	601,713	252,825	252,825	252,825	252,825	200,000	400,000			
ZOO	WZ13501	Zoo Aquatic & Reptile Center Structural Repairs	52,071	601,713	52,071	601,713	252,825	252,825	252,825	252,825	200,000	400,000			
ZOO	WZ16001	Zoo Flamingo Cafe and Admin Bldg. Roof Repairs	52,071	601,713	52,071	601,713	252,825	252,825	252,825	252,825	200,000	400,000			
Total Funding by YEAR:			\$50,460,398	\$9,916,088	\$60,376,486	\$60,376,486	\$147,857,302	\$26,202,185	\$174,059,487	\$114,919,334	\$11,431,236	\$123,350,570	\$346,057,932	\$17,453,750	\$363,511,682
Total Projects by YEAR:			96	96	96	96	221	141	129	136	136	136	136	136	
2018 - 2022 Capital Improvement Plan (a1)			\$771,275,315												
2018 - 2022 Capital Improvement Plan (a2)			\$93,006,573												
2018 - 2022 Capital Improvement Plan (a3)			663												
Total County Funding over 5 Years (2018 - 2022):			\$50,460,398	\$9,916,088	\$60,376,486	\$60,376,486	\$147,857,302	\$26,202,185	\$174,059,487	\$114,919,334	\$11,431,236	\$123,350,570	\$346,057,932	\$17,453,750	
Total Non-County Funding over 5 Years (2018 - 2022):			\$9,916,088	\$9,916,088	\$9,916,088	\$9,916,088	\$26,202,185	\$26,202,185	\$26,202,185	\$11,431,236	\$11,431,236	\$11,431,236	\$11,431,236	\$11,431,236	
Total # of Capital Projects over 5 Years (2018 - 2022):			663	663	663	663	663	663	663	663	663	663	663	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)**

DEPT	Project	Project Description	2018 - BUDGET		2019		2020		2021		2022	
			BUDGET (ALL DEPTS)	City Bond / Cash Policy & Non-County \$	ALL DEPTS	Est City Bond/Cash & Non-County \$	ALL DEPTS	Est City Bond/Cash & Non-County \$	ALL DEPTS	Est City Bond/Cash & Non-County \$	ALL DEPTS	Est City Bond/Cash & Non-County \$
ZOO	WZ11801	Hippopotamus Exhibit Renovations	50,460,398	49,586,695	147,857,302	54,687,193	56,327,809	114,980,349	58,017,644	59,758,174	346,057,932	59,758,174
ZOO	WZ14101	Zoo Adventure Africa-Rhinos Exhibit	9,916,088	9,916,088	26,202,185	26,202,185	18,003,314	18,003,314	11,431,236	17,453,750	17,453,750	17,453,750
ZOO	WZ16601	East Entry Retail/Admin Offices Relocation	60,376,486	59,502,783	174,059,487	80,889,378	74,331,123	132,983,663	69,448,880	77,211,924	363,511,682	77,211,924
Total County + Non-County Funding:			119,752,972	119,415,666	348,118,974	161,778,756	148,662,246	266,967,326	138,899,760	154,423,848	727,023,364	154,423,848
County Funding:			50,460,398	49,586,695	147,857,302	54,687,193	56,327,809	114,980,349	58,017,644	59,758,174	346,057,932	59,758,174
Non-County Funding:			69,292,578	69,828,971	126,202,185	107,091,583	92,333,337	152,003,314	80,881,216	117,675,576	117,675,576	117,675,576
Total County + Non-County Funding:			119,752,972	119,415,666	348,118,974	161,778,756	148,662,246	266,967,326	138,899,760	154,423,848	727,023,364	154,423,848
2018 NON-FUNDED REQ. + BUDGET (b1)			99,125,304	49,586,695	(49,538,609)							
2019 NON-FUNDED REQ. + BUDGET (b1)			9,916,088	9,916,088	0							
2020 NON-FUNDED REQ. + BUDGET (b1)			109,041,392	59,502,783	(49,538,609)							

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 (94 Requested Capital Projects totalling \$48,664,906 in COUNTY funding and \$0 in NON-COUNTY funding are shifted from 2018 to 2019).

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 95).

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

**BY DEPARTMENT**

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**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 "Y" Layton Avenue 27th to 43rd	100,000	320,000	420,000	2,397,000	1,203,000	3,600,000	86,000	344,000	430,000	850,000	3,400,000	4,250,000	700,000	1,400,000	
DOT-HWY	WH01008	Reconstruct CTH "N" South 92nd Street	275,000	275,000	550,000	110,000	440,000	550,000	60,000	240,000	300,000	900,000	3,600,000	4,500,000	700,000	1,400,000	
DOT-HWY	WH01014	N. Pt. Washington Rd.: Daphne to Good Hope	1,040,000	3,960,000	5,000,000	100,000	400,000	500,000	125,000	500,000	625,000	800,000	650,000	1,450,000	2,760,000	13,800,000	
DOT-HWY	WH01022	Reconstruct, S. 13th St. Puetz to Drexel				175,000	175,000	175,000	175,000	175,000	175,000	175,000	175,000	175,000	800,000	1,450,000	
DOT-HWY	WH02017	W. Layton Ave. - S. 76th St. to S. 60th St.															
DOT-HWY	WH02018	W. Layton Ave. - S. 60th St. to W. Loomis Rd.															
DOT-HWY	WH02019	N. Teutonia Ave. (W. Good Hope to W. Bradley)	2,950,000	1,458,000	4,408,000				500,000	500,000	500,000	500,000	500,000	500,000	174,000	870,000	
DOT-HWY	WH03014	W. Vienna Ave. - Menomonee River #771													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															
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												
DOT-HWY	WH09601	S.13th St. - W. Ryan Rd to W. Puetz Rd.							600,000	2,400,000	3,000,000	65,000	260,000	325,000	65,000	260,000	
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															
DOT-HWY	WH10201	N. Oakland Ave. Bridge over Oak Leaf Bike Trail															
DOT-HWY	WH10301	S. 76th St. Bridge over W. Forest Home Ave.															
DOT-HWY	WH10401	W. Good Hope Rd. #374 over Milwaukee River															
DOT-HWY	WH10401	W. Good Hope Rd. #375 over Milwaukee River															
DOT-HWY	WH24201	North Shop Improvements															
DOT-HWY	WH24001	W. Rawson (CTH BB) USH 45 to Hawthorne Ln	300,000	300,000	600,000				8,300,000	8,300,000	8,300,000	1,607,000	793,000	2,400,000	34,000	136,000	
DOT-HWY	WH10801	W. College Ave (B15t/24th) Box Chrt/Railing Rprts	250,000	250,000	500,000				150,000	150,000	300,000				40,000	160,000	
DOT-HWY	WH10901	Signal Install at W. Good Hope Rd. & Pierron	315,000	315,000	630,000										34,000	136,000	
DOT-HWY	WH11001	W. Beloit Rd (CTH T) S.124th St to S. Wollmer Rd															
DOT-HWY	WH11101	W. Forest Home Ave (CTHOO) Hi-View Dr to S N Cape															
DOT-HWY	WH11201	W. Good Hope Rd Bridge Replacement (B-40-0370)															
DOT-HWY	WH11301	W. Hampton Ave. Bridge P-40-0750 Rehabilitation															
DOT-HWY	WH11401	Mill Rd Bridge B-40-0930 Rehabilitation															
DOT-HWY Capital Project Funding by YEAR:			5,937,500	7,130,500	13,068,000	11,909,296	2,152,185	14,061,481	28,897	115,586	144,483	5,838,060	9,281,236	15,119,296	175,893	703,750	879,643
DOT-HWY # of Capital Projects by YEAR:						9	9	9				13	13	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.

DEPT	Project	Project Description	2018 - BUDGET			2019			2020			2021			2022		
			BUDGET	% to DOT-HWY	% 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
County Funding:			5,937,500	11.8%	11.8%	11,909,296	54,687,193	21.8%	4,309,579	56,327,809	7.7%	5,838,060	56,017,644	10.1%	9,450,893	59,758,174	15.8%
Non-County Funding:			7,130,500	71.9%	71.9%	2,152,185	26,202,185	8.2%	6,703,314	18,003,314	37.2%	9,281,236	11,431,236	81.2%	16,853,750	17,453,750	96.6%
Total County + Non-County Funding:			13,068,000	21.6%	21.6%	14,061,481	80,889,378	17.4%	11,012,893	74,331,123	14.8%	15,119,296	69,448,880	21.8%	26,304,643	77,211,924	34.1%

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 95).

**5-Year Capital Improvement Plan by County/Non-County Funding: DOT-TRANSIT (a)**

DBPT	Project	Project Description	2018 - BUDGET		Total	2019		Total	2020		Total	2021		Total	2022		Total
			County	Non-County		County	Non-County		County	Non-County		County	Non-County		County	Non-County	
DOT-TRANSIT	WT10301	Bus Replacement Program-Planning Placeholder	12,350,915	2,649,085	15,000,000	4,500,000	18,000,000	22,500,000	6,000,000	9,600,000	15,600,000	6,000,000	9,600,000	15,600,000	6,000,000	9,600,000	48,600,000
DOT-TRANSIT	WT10401	Bus Replacement Program-2018				1,019,331		1,019,331									
DOT-TRANSIT	WT08301	Bus Rapid Transit				449,317		449,317									
DOT-TRANSIT	WT08601	FDL Garage Employee Parking Lot/Lighting				614,302		614,302									
DOT-TRANSIT	WT07801	KK Garage Roof Replacement				850,743		850,743									
DOT-TRANSIT	WT07901	Replace MCTS Fleet Maintenance Roof				424,658		424,658									
DOT-TRANSIT	WT10701	Bus Lift Replacement 1-4 (Maint Facility)				200,000		200,000									
DOT-TRANSIT	WT10601	Bus Lift Replacement 1 - 2 (KK Garage)				2,500,000		2,500,000									
DOT-TRANSIT	WT10501	Maintenance Work Order System (Transit)				550,000		550,000									
DOT-TRANSIT	WT10801	HVAC Replacement-KK Bus Storage/Washhouse				175,000		175,000									
DOT-TRANSIT	WT10901	Bus Lift Replacement 5-8 (Maint Facility)				750,000		750,000									
DOT-TRANSIT	WT11001	Glass Panel Wall Replacement-Transit Admin Bldg				275,000		275,000									
DOT-TRANSIT	WT11101	Concrete Yard Replacement (KK Garage site)				750,000		750,000									
DOT-TRANSIT	WT11201	Bus Lift Replacement (FDL Garage)				750,000		750,000									
DOT-TRANSIT	WT11301	Garage Door System (Transit Garages/Maint Fcily)				750,000		750,000									
DOT-TRANSIT	WT11401	Lighting Improvements (FDL Garage)				750,000		750,000									
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	Interior Painting (FDL Garage)				475,000		475,000									
DOT-TRANSIT	WT06101	Phone and Voicemail Replacement - MCTS				450,000		450,000									
DOT-TRANSIT	WT11701	Bus Lift Replacement 3 - 4 (KK Garage)															
DOT-TRANSIT	WT11801	Bus Lift Replacement 3 - 4 (KK Garage)															
DOT-TRANSIT	WT11901	Bus Lift Replacement 5 - 6 (KK Garage)															
DOT-TRANSIT	WT12001	Bus Lift Replacement 7 - 9 (KK Garage)															
<b>DOT-TRANSIT Capital Project Funding by YEAR:</b>			<b>13,163,383</b>	<b>2,649,085</b>	<b>15,812,468</b>	<b>26,008,551</b>	<b>20,800,000</b>	<b>46,808,551</b>	<b>14,228,031</b>	<b>9,600,000</b>	<b>23,828,031</b>	<b>1,500,000</b>	<b>0</b>	<b>1,500,000</b>	<b>48,875,000</b>	<b>0</b>	<b>48,875,000</b>
<b>DOT-TRANSIT # of Capital Projects by YEAR:</b>			<b>3</b>	<b>15</b>	<b>8</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>

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)**

DBPT	Project	Project Description	2018 - BUDGET		% to DOT-TRANSIT	2019		% to DOT-TRANSIT	2020		% to DOT-TRANSIT	2021		% to DOT-TRANSIT	2022		% to DOT-TRANSIT
			BUDGET	BUDGET		DOT-TRANSIT	Est Only Bond/Cash & Non-County \$		DOT-TRANSIT	Est Only Bond/Cash & Non-County \$		DOT-TRANSIT	Est Only Bond/Cash & Non-County \$		DOT-TRANSIT	Est Only Bond/Cash & Non-County \$	
County Funding:			50,460,398	50,460,398	26.1%	26,008,551	54,687,193	47.6%	14,228,031	56,327,809	25.3%	1,500,000	58,017,644	2.6%	48,875,000	59,758,174	81.8%
Non-County Funding:			9,916,088	2,649,085	26.7%	20,800,000	26,202,185	79.9%	9,600,000	18,003,314	53.3%	0	11,431,236	0.0%	0	17,453,750	0.0%
<b>Total County + Non-County Funding:</b>			<b>60,376,486</b>	<b>53,109,483</b>	<b>26.2%</b>	<b>46,808,551</b>	<b>80,889,378</b>	<b>57.9%</b>	<b>23,828,031</b>	<b>74,331,123</b>	<b>32.1%</b>	<b>1,500,000</b>	<b>69,448,880</b>	<b>2.2%</b>	<b>48,875,000</b>	<b>77,211,924</b>	<b>63.3%</b>

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 95).

**5-Year Capital Improvement Plan by County/Non-County Funding: DOT-FLEET (a)**

DBPT	Project	Project Description	2018 - BUDGET		2019		2020		2021		2022	
			County	Non-County	County	Non-County	County	Non-County	County	Non-County	County	Non-County
DOT-FLEET	WO31101	Fleet General Equipment-2018	4,383,486		4,383,486		4,718,479		4,651,713		3,631,592	
DOT-FLEET	WO31201	Sheriff Fleet Equipment-2018	1,000,000		1,000,000		840,000		850,000		1,000,000	
DOT-FLEET	WO31301	House of Correction Fleet Equipment-2018	141,000		141,000		260,000		265,000		260,000	
DOT-FLEET	WO31401	Fleet Parks Equipment-2018	3,575,832		3,575,832		2,520,000		2,490,000		3,180,773	
DOT-FLEET	WO31501	Fleet General Equipment-Planning Placeholder				3,189,271	840,000	4,718,479	4,651,713	850,000	3,631,592	3,631,592
DOT-FLEET	WO31601	Sheriff Fleet Equipment-Planning Placeholder				840,000	840,000	840,000	850,000	850,000	1,000,000	1,000,000
DOT-FLEET	WO31701	House of Correction Fleet Equip-Plan Placeholder				255,000	255,000	260,000	265,000	260,000	260,000	260,000
DOT-FLEET	WO31801	Fleet Parks Equipment-Planning Placeholder		2,838,064	2,838,064	2,800,000	2,800,000	2,520,000	2,490,000	2,490,000	3,180,773	3,180,773
DOT-FLEET	WO10701	Fleet Central Garage Roof Replacement				3,311,414	3,311,414	3,311,414	3,311,414	3,311,414	3,180,773	3,180,773
DOT-FLEET	WO19801	Fuel Transaction Software		261,861	261,861	329,178	329,178	329,178	329,178	329,178	329,178	329,178
<b>DOT-FLEET Capital Project Funding by YEAR:</b>			<b>12,200,243</b>	<b>0</b>	<b>10,724,863</b>	<b>0</b>	<b>8,338,479</b>	<b>0</b>	<b>8,196,713</b>	<b>0</b>	<b>8,072,365</b>	<b>0</b>
<b>DOT-FLEET # of Capital Projects by YEAR:</b>			<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>

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)**

DBPT	Project	Project Description	2018 - BUDGET		2019		2020		2021		2022	
			DOT-FLEET	BUDGET	DOT-FLEET	Est Cnty Bond/Cash & Non-Cnty \$	DOT-FLEET	Est Cnty Bond/Cash & Non-Cnty \$	DOT-FLEET	Est Cnty Bond/Cash & Non-Cnty \$	DOT-FLEET	Est Cnty Bond/Cash & Non-Cnty \$
County Funding:			12,200,243	50,460,398	10,724,863	54,687,193	8,338,479	56,327,809	8,196,713	58,017,644	8,072,365	59,758,174
Non-County Funding:			0	9,946,088	0	26,202,185	0	18,003,314	0	11,431,236	0	17,453,750
Total County + Non-County Funding:			12,200,243	60,376,486	10,724,863	80,889,378	8,338,479	74,331,123	8,196,713	69,448,880	8,072,365	77,211,924
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.												
				24.2%	19.6%	14.8%	14.1%	11.2%	11.8%	10.5%	13.5%	10.5%
				0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
				20.2%	13.3%	11.2%	11.8%	11.2%	11.8%	10.5%	13.5%	10.5%

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 95).

### 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	
						890,000		890,000										
PARKS	WP52501	Point of Sale Replacement	890,000		890,000													
PARKS	WP20301	Kosciuszko Community Center HVAC				3,580,512		3,580,512										
PARKS	WP51201	McKinley Marina Parking Lots	2,141,305		2,141,305	523,163		523,163										
PARKS	TBD	Parks Building Demolition-2018 (prv 2018)				176,456		176,456	1,190,470									
PARKS	WP55001	Parks Building Demolition-2018				133,609		133,609	1,204,459									
PARKS	WP53301	Cathedral Square Playground Replacement				106,007		106,007	913,000									
PARKS	WP53801	Root River Pkwy Recrestrc Pkwy-92nd and Parking Lot				366,706		366,706										
PARKS	WP52001	North Point Parking Lot				1,209,436		1,209,436	6,039,662									
PARKS	WP54601	Parks Bridge Inventory and Assessment				143,379		143,379	709,358									
PARKS	WP54501	Whitnall Golf Course Irrigation				1,074,992		1,074,992	968,522									
PARKS	WP54901	Parks Bender Site Harbor Sedimentation Abatement				114,171		114,171	1,015,533									
PARKS	WP54901	Parks Bender Site Harbor Sedimentation Abatement				45,003		45,003	300,009									
PARKS	WP54901	Parks Bender Site Harbor Sedimentation Abatement				200,000		200,000	1,445,000									
PARKS	WP54901	Parks Bender Site Harbor Sedimentation Abatement				246,347		246,347	865,097									
PARKS	WP54501	Whitnall Golf Course Irrigation				371,958		371,958	403,852									
PARKS	WP52301	Lake Park Steel Arch Bridge				173,853		173,853	857,711									
PARKS	WP55101	Parks ADA Inventory and Assessment				46,207		46,207	1,050,757									
PARKS	WP54201	Parks ADA Inventory and Assessment				96,636		96,636	772,495									
PARKS	WP54201	Parks ADA Inventory and Assessment				918,475		918,475	1,540,091									
PARKS	WP54201	Parks ADA Inventory and Assessment				118,084		118,084	1,018,117									
PARKS	WP54201	Parks ADA Inventory and Assessment							954,800									
PARKS	WP54201	Parks ADA Inventory and Assessment							500,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							400,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							200,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							100,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							500,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							10,000,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							19,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							1,000,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							76,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							33,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							132,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							203,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							11,880									
PARKS	WP54201	Parks ADA Inventory and Assessment							71,280									
PARKS	WP54201	Parks ADA Inventory and Assessment							46,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							40,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							226,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							35,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							350,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							300,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							64,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							55,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							69,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							200,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							19,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							37,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							19,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							64,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							28,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							100,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							26,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							30,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							132,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							10,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							33,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							15,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							69,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							47,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							50,000									
PARKS	WP54201	Parks ADA Inventory and Assessment							43,000									



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

DEPT	Project Description	2018 - BUDGET			2019			2020			2021			2022		
		County		Total	County		Total	County		Total	County		Total	County		Total
		Non-County	County	Non-County	County	Non-County	County	Non-County	County	Non-County	County	Non-County	County	Non-County	County	
PARKS	Memorie River Pkwy Road Replacement 60th to 70th															
PARKS	Root River Pkwy Reconstruct-Planning Placeholder															
PARKS	Noyes Indoor Pool Restroom Renovation															
PARKS	Pulaski Millw Indoor Pool Restroom Renovation															
PARKS	Greenfield Service Roof Replacement															
PARKS	Kulwich Roof Replacement															
PARKS	Dretzka Park Lighting Replacement															
PARKS	Root River 1-La Roof Replacement															
PARKS	Brown Deer Park Driving Range		371,000													
PARKS	Hales Corners Wading Pool Rehabilitation															
PARKS	Scout Lake Roof Replacement															
PARKS	Cooper Playground Replacement															
PARKS	Jackson Playground Replacement															
PARKS	Rose Playground Replacement															
PARKS	Kops Playground Replacement															
PARKS	Root River Lighting Replacement - Lincoln to National															
PARKS	Parks Walkways-Planning Placeholder		500,000													
PARKS	Storm Sewers Outfall Reconstruct-Planning Placeholder		250,000													
PARKS	Security System Placeholder		70,000													
PARKS	Pool Filter Replacement Program-Planning Placeholder		200,000													
PARKS	Pool Dressing Yard Replacements-Planning Placeholder		450,000													
PARKS	Parks ADA Access Improvement - Plan Placeholder		250,000													
PARKS	Parks Electr Svc Replace-Planning Placeholder		500,000													
PARKS	Parks HVAC Replacement-Planning Placeholder		200,000													
PARKS	Streambank Stabilization Program-Planning Placeholder		300,000													
PARKS	Parks Building Demolition-Planning Placeholder		300,000													
PARKS	Beach Accessibility Placeholder		300,000													
PARKS	Parks Restroom Renovations-Planning Placeholder															
PARKS	Roof Replacement Program-Planning Placeholder															
PARKS	Golf Course Improvements-Planning Placeholder															
PARKS	Oak Leaf Trail Program-Planning Placeholder															
PARKS	Playground Replacement Prgm-Planning Placeholder															
PARKS	Wifi Installation Placeholder		100,000													
PARKS	Kletschn Upper Pavilion Restroom Reno and Roof Rplcmnt		500,000													
PARKS	McKinley Marina Parking Lot Replacement (E-K)		132,000													
PARKS	Lincoln Golf Parking Lot Replacement		42,000													
PARKS	Brown Deer Park Pavement Replacement		400,000													
PARKS	Noyes Park Hard Surfaces		80,000													
PARKS	OLT Replacement Good Hope to Calumet		23,760													
PARKS	Holler Park Hard Surfaces		52,000													
PARKS	Falk - Parking Lot		15,000													
PARKS	Bender Park Road to Boat Launch Replacement		87,000													
PARKS	Brown Deer Clubhouse Window Replacement		100,000													
PARKS	Cudshy Nature Wall Removal and Roof Replacement		100,000													
PARKS	Whitnall Clubhouse HVAC Replcmnt & Kitchen Remodel		906,600													
PARKS	Underwood Creek Multi-Use Trail (1,00th to 115th)		24,000													
PARKS	Brown Deer Cross Country Trail Bridge		100,000													
PARKS	Restroom Ventilation Rplmnt-Planning Placeholder		300,000													
PARKS	McKinley Park Flushing Channel Seawall Replac		250,000													
PARKS	Playground Resurfacing Prgm-Planning Placeholder		375,000													
PARKS	Estabrook Dam Parking Lot Elimination		17,000													
PARKS	Brown Deer Boathouse Lower Restroom Renovation		300,000													
PARKS	Grant Clubhouse Lower Restroom Renovation		120,000													
PARKS	Kosciuszko Gym Roof Replacement		200,000													
PARKS	Warrior Clubhouse Roof Replacement		30,000													
PARKS	Wilson Recreation Emergency Exit Door Replacement		100,000													
PARKS	Grant 3 Playground Replacement		275,000													
PARKS	Amphibian Exclusion Barrier (Park Park)		100,000													
PARKS	Humboldt Pavilion HVAC Replacement		80,000													
PARKS	Lincoln Blaz - new AC and upgrade Electrical		300,000													
PARKS	Center Street Park Playground Replacement															
PARKS	Cool Waters Aquatic Center Runout Slide															
PARKS	Currie Golf Cart Paths															
PARKS	Dineen Park Playground Replacement															
PARKS	Dretzka Chalet Parking Lot Replacement (reduce size)															
PARKS	Grobschmidt Bathhouse Roof Replacement															
PARKS	KK-Sports Restroom Renovation															
PARKS	Kosciuszko Aquatic Center Playground Replacement															
PARKS	Lake Michigan Shoreline Stabilization - Sheridan Park															
PARKS	Lincoln Park Walkways															
PARKS	Lincoln South Parking Lot Replacement															
PARKS	Little Mimmie River Pkwy Rd Rplcmnt-Appleton-Leon Tree															
PARKS	Lyons Playground Replacement															
PARKS	McCarty Pavilion Roof Replacement															
PARKS	Mitchell Blvd Playground Replacement															
PARKS	Mitchell Lagoon Pavilion Restroom Renovation															
PARKS	Noyes Indoor Pool Clerestory Window Replacement															
PARKS	Oakwood Clubhouse HVAC Replacement															
PARKS	Pulaski Indoor Pool Clerestory Window Replacement															

**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	WP67301	Tippecanoe Playground Replacement															
PARKS	WP67401	Underwood Creek Pkwy Rd Rplcmnt-Roundabout to Swan															
PARKS	WP67501	Warminot Clubhouse Restroom Renovation															
PARKS	WP67601	Warminot Golf Irrigation															
PARKS	WP67701	Wedgewood/Wading Pool Rehabilitation															
PARKS	WP67801	Wiehr Connection to Municipal Water															
PARKS	WP67901	Wiehr Nature Center Restroom Renovation															
PARKS	WP68001	Wisconsin Avenue Playground Replacement															
PARKS	WP68101	Zablocki Golf Restroom Renovation															
<b>PARKS Capital Project Funding by YEAR:</b>			<b>3,469,879</b>	<b>136,503</b>	<b>3,606,382</b>	<b>23,343,137</b>	<b>25,000,000</b>	<b>23,593,137</b>	<b>42,463,533</b>	<b>0</b>	<b>42,463,533</b>	<b>38,370,160</b>	<b>0</b>	<b>38,370,160</b>	<b>52,093,400</b>	<b>0</b>	<b>52,093,400</b>
<b>PARKS # of Capital Projects by YEAR:</b>			<b>5</b>	<b>76</b>	<b>81</b>	<b>76</b>	<b>65</b>	<b>75</b>	<b>76</b>	<b>0</b>	<b>75</b>	<b>76</b>	<b>0</b>	<b>76</b>	<b>0</b>	<b>76</b>	

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)**

PARKS	2018 - BUDGET			2019			2020			2021			2022		
	BUDGET	% to PARKS	% to PARKS	PARKS	Est Cnty Bond/Cash & Non-Cnty \$	% to PARKS	PARKS	Est Cnty Bond/Cash & Non-Cnty \$	% to PARKS	PARKS	Est Cnty Bond/Cash & Non-Cnty \$	% to PARKS	PARKS	Est Cnty Bond/Cash & Non-Cnty \$	% to PARKS
3,469,879	6.9%	42.7%	23,343,137	54,687,193	42.7%	42,463,533	38,370,160	56,327,809	75.4%	38,370,160	58,017,644	66.1%	52,093,400	59,758,174	87.2%
136,503	1.4%	1.0%	250,000	26,202,185	1.0%	0	0	18,003,314	0.0%	0	11,431,236	0.0%	0	17,453,750	0.0%
3,606,382	6.0%	29.2%	60,376,486	80,889,378	29.2%	42,463,533	38,370,160	74,331,123	57.1%	42,463,533	69,448,880	55.2%	52,093,400	77,211,924	67.5%

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 95).

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

DPT	Project	Project Description	2018 - BUDGET		2019		2020		2021		2022	
			County	Non-County	County	Non-County	County	Non-County	County	Non-County	County	Non-County
ZOO	WZ11801	Hippopotamus Exhibit Renovations			1,400,000	2,600,000	4,000,000					
ZOO	WZ14101	Zoo Adventure Africa-Rhinos Exhibit			400,000	400,000	800,000					
ZOO	WZ16601	East Entry Retail/Admin Offices Relocation						1,700,000	1,700,000	2,150,000	2,150,000	4,300,000
ZOO	WZ17001	Alaska's Cold Coast										400,000
ZOO	WZ17101	Farm Walk-about & Site Improvements			52,071		52,071					400,000
ZOO	WZ13501	Zoo Aquatic & Reptile Center Structural Repairs			601,713		601,713					200,000
ZOO	WZ16001	Zoo Flamingo Cafe and Admin Bldg Roof Replace						252,825				400,000
<b>ZOO Capital Project Funding by YEAR:</b>			<b>0</b>	<b>0</b>	<b>2,453,784</b>	<b>3,000,000</b>	<b>5,453,784</b>	<b>1,952,825</b>	<b>1,700,000</b>	<b>2,150,000</b>	<b>2,150,000</b>	<b>1,000,000</b>
<b>ZOO # of Capital Projects by YEAR:</b>			<b>0</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>1,600,000</b>

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): ZOO (b)**

DPT	Project	Project Description	2018 - BUDGET		2019		2020		2021		2022	
			BUDGET	% to ZOO	ZOO	Est Only Bond/Cash & Non-Cnty \$	% to ZOO	ZOO	Est Only Bond/Cash & Non-Cnty \$	% to ZOO	ZOO	Est Only Bond/Cash & Non-Cnty \$
ZOO	0	50,460,398	0.0%	2,453,784	54,687,193	4.5%	1,952,825	56,327,809	3.5%	2,150,000	58,017,644	3.7%
ZOO	9,916,088	0.0%	3,000,000	26,202,185	11.4%	1,700,000	18,003,314	9.4%	2,150,000	11,431,236	18.8%	600,000
ZOO	60,376,486	0.0%	5,453,784	80,889,378	6.7%	3,652,825	74,331,123	4.9%	4,300,000	69,448,880	6.2%	1,600,000
<b>Total County + Non-County Funding:</b>												
County Funding:			0	0.0%	2,453,784	4.5%	1,952,825	3.5%	2,150,000	3.7%	1,000,000	1.7%
Non-County Funding:			0	0.0%	3,000,000	11.4%	1,700,000	9.4%	2,150,000	18.8%	600,000	3.0%
<b>Total County + Non-County Funding:</b>			0	0.0%	5,453,784	6.7%	3,652,825	4.9%	4,300,000	6.2%	1,600,000	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 95).

**5-Year Capital Improvement Plan by County/Non-County Funding: WMC-MAM (a)**

DEPT	Project	Project Description	2018 - BUDGET		2019		2020		2021		2022	
			County	Non-County	County	Non-County	County	Non-County	County	Non-County	County	Non-County
War Memorial Center-Art Museum												
WMC-MAM	WG52102	Boiler Replacement										
WMC-MAM	WG53801	Chiller Operation Ice Bank										
WMC-MAM	WG52302	Electrical Gear & Substation Replace (Saarinen)	800,000		800,000			800,000		800,000		
WMC-MAM	WG53901	Electrical Gear & Substation Replace (Kahler)										
WMC-MAM	WG52401	Veterans Gallery Windows										
WMC-MAM	WG52501	War Memorial Terrace										
		<b>WMC-MAM Capital Project Funding by YEAR:</b>	<b>0</b>	<b>0</b>	<b>800,000</b>	<b>0</b>	<b>800,000</b>	<b>925,000</b>	<b>125,000</b>	<b>1,300,000</b>	<b>0</b>	<b>300,000</b>
		<b>WMC-MAM # of Capital Projects by YEAR:</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>1</b>

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)**

DEPT	Project	Project Description	2018 - BUDGET		2019		2020		2021		2022	
			WMC-MAM	BUDGET	% to WMC-MAM	WMC-MAM	Est Cnty Bond/Cash & Non-Cnty \$s	% to WMC-MAM	WMC-MAM	Est Cnty Bond/Cash & Non-Cnty \$s	% to WMC-MAM	WMC-MAM
		<b>County Funding:</b>	<b>0</b>	<b>50,460,398</b>	<b>0.0%</b>	<b>800,000</b>	<b>56,327,809</b>	<b>1.6%</b>	<b>1,300,000</b>	<b>58,017,644</b>	<b>2.2%</b>	<b>300,000</b>
		<b>Non-County Funding:</b>	<b>0</b>	<b>9,936,088</b>	<b>0.0%</b>	<b>0</b>	<b>18,009,314</b>	<b>0.0%</b>	<b>0</b>	<b>11,431,236</b>	<b>0.0%</b>	<b>0</b>
		<b>Total County + Non-County Funding:</b>	<b>0</b>	<b>60,376,486</b>	<b>0.0%</b>	<b>800,000</b>	<b>74,337,123</b>	<b>1.0%</b>	<b>1,300,000</b>	<b>69,448,880</b>	<b>1.9%</b>	<b>300,000</b>

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 95).



**5-Year Capital Improvement Plan by County/Non-County Funding: MC HIST SCTY (a)**

DEPT	Project	Project Description	2018 - BUDGET		2019		2020		2021		2022	
			County	Non-County	County	Non-County	County	Non-County	County	Non-County	County	Non-County
MC HIST SCTY	WO13401	Milw County Historical Society Trimborn Farm Bunkhouse Restoration	0	0	102,673	0	697,713	0	0	0	0	0
MC HIST SCTY	WO16101	Masonry Wall Repairs (Jeremiah Curtain House)	0	0	86,853	0	86,853	0	0	0	0	0
MC HIST SCTY	WO13601	Trimborn Farm Stone Barn Roof	0	0	415,419	0	415,419	0	0	0	0	0
		<b>MC HIST SCTY Capital Project Funding by YEAR:</b>			<b>604,945</b>	<b>0</b>	<b>604,945</b>	<b>1,286,318</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>MC HIST SCTY # of Capital Projects by YEAR:</b>			<b>3</b>	<b>2</b>	<b>2</b>	<b>1,286,318</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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)**

DEPT	Project	Project Description	2018 - BUDGET		2019		2020		2021		2022		
			MC HIST SCTY	BUDGET	MC HIST SCTY	% to MC HIST SCTY	MC HIST SCTY	Est City Bond/Cash & Non-County \$s	MC HIST SCTY	% to MC HIST SCTY	MC HIST SCTY	Est City Bond/Cash & Non-County \$s	MC HIST SCTY
		County Funding:	0	50,460,398	604,945	1.1%	56,327,809	1,286,318	0	58,017,644	0	59,758,174	0.0%
		Non-County Funding:	0	9,916,088	0	0.0%	26,202,185	0	0	11,431,236	0	17,453,750	0.0%
		Total County + Non-County Funding:	0	60,376,486	604,945	0.0%	80,889,378	1,286,318	0	69,448,880	0	77,211,924	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 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 95).



**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	County	Non-County	County	Non-County	County	Non-County	County	Non-County
CAVT	WO24901	Charles Allis / Villa Terrace	0	0	0	0	300,000	0	100,000	0	0	0
CAVT	WO25001	Villa Terrace Tile Roof and Wood Soffit Repairs	0	0	216,006	0	100,000	0	100,000	0	0	0
CAVT	WO25201	Villa Terrace Courtyard Foundation and Drainage	0	0	216,006	0	100,000	0	100,000	0	0	0
CAVT	WO25601	Charles Allis Great Hall Drainage Survey/Leaking	0	0	0	0	100,000	0	100,000	0	0	0
CAVT	WO26201	Villa Terrace Wrought Iron Restoration	0	0	125,000	0	0	0	0	0	0	0
CAVT	WO26301	Charles Allis French Parlor Rehabilitation	0	0	1,356,056	0	0	0	0	0	0	0
CAVT	WO26801	Charles Allis Wrought Iron Restoration	0	0	1,828,455	0	0	0	0	0	0	0
CAVT	WO32901	Charles Allis Roof Replacement (Main House)	0	0	463,277	0	0	0	0	0	0	0
CAVT	WO32401	Charles Allis Window and Door Replacement	0	0	463,277	0	0	0	0	0	0	0
<b>CAVT Capital Project Funding by YEAR:</b>			<b>0</b>	<b>0</b>	<b>3,988,794</b>	<b>0</b>	<b>300,000</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CAVT # of Capital Projects by YEAR:</b>			<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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)**

DEPT	Project	Project Description	2018 - BUDGET		2019		2020		2021		2022	
			CAVT	BUDGET	CAVT	% to CAVT	CAVT	% to CAVT	CAVT	% to CAVT	CAVT	% to CAVT
CAVT	WO24901	Charles Allis / Villa Terrace	0	50,460,398	3,988,794	0.0%	300,000	0.5%	100,000	0	0	0
CAVT	WO25001	Villa Terrace Tile Roof and Wood Soffit Repairs	0	9,946,088	0	0.0%	0	0.0%	0	0	0	0
CAVT	WO25201	Villa Terrace Courtyard Foundation and Drainage	0	60,376,486	3,988,794	0.0%	300,000	0.4%	100,000	0	0	0
CAVT	WO25601	Charles Allis Great Hall Drainage Survey/Leaking	0	0	0	0.0%	0	0.0%	0	0	0	0
CAVT	WO26201	Villa Terrace Wrought Iron Restoration	0	0	0	0.0%	0	0.0%	0	0	0	0
CAVT	WO26301	Charles Allis French Parlor Rehabilitation	0	0	0	0.0%	0	0.0%	0	0	0	0
CAVT	WO26801	Charles Allis Wrought Iron Restoration	0	0	0	0.0%	0	0.0%	0	0	0	0
CAVT	WO32901	Charles Allis Roof Replacement (Main House)	0	0	0	0.0%	0	0.0%	0	0	0	0
CAVT	WO32401	Charles Allis Window and Door Replacement	0	0	0	0.0%	0	0.0%	0	0	0	0
<b>County Funding:</b>			<b>0</b>	<b>54,687,193</b>	<b>3,988,794</b>	<b>7.3%</b>	<b>300,000</b>	<b>0.5%</b>	<b>100,000</b>	<b>58,017,644</b>	<b>0</b>	<b>59,758,174</b>
<b>Non-County Funding:</b>			<b>0</b>	<b>26,202,185</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>11,431,236</b>	<b>0</b>	<b>17,459,750</b>
<b>Total County + Non-County Funding:</b>			<b>0</b>	<b>80,889,378</b>	<b>3,988,794</b>	<b>4.9%</b>	<b>300,000</b>	<b>0.4%</b>	<b>100,000</b>	<b>69,448,880</b>	<b>0</b>	<b>77,217,924</b>

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.

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**5-Year Capital Improvement Plan by County/Non-County Funding: DAS-FM-EE (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-EE	WV04801	County-wide Sanitary Sewers Repairs-Pin Pichlir															
DAS-FM-EE	TBD	County-wide Sanitary Sewers Repairs-2019 (prv 2018)				150,000		150,000									
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									
DAS-FM-EE	WV01601	NR216 Stormwater TSS Controls				350,000		350,000									
DAS-FM-EE	WV04101	Oak Creek Skate Lift station															
DAS-FM-EE	WV04301	Oakwood Lift Station Upgrade															
DAS-FM-EE	WV04401	Mitchell Park Lift Station Upgrade															
DAS-FM-EE	WV04501	HOC WWTP Demolition				95,000		95,000									
DAS-FM-EE	WV02101	Oak Creek Streambank Stabilization				231,141		231,141									
DAS-FM-EE	WV04601	Wannimont Park Gun Club Remediation				391,716		391,716									
DAS-FM-EE	WV04701	Freemont Park Pavilion Water & Sanitary				487,001		487,001									
DAS-FM-EE	WV03801	Dretzka Park Lift Station				148,512		148,512									
DAS-FM-EE	WV05001	Lead Pipe Lateral Assessment				193,200		193,200									
DAS-FM-EE	WV05101	Lead Pipe Lateral Replacement Placeholder				266,199		266,199									
<b>DAS-FM-EE Capital Project Funding by YEAR:</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>2,046,570</b>	<b>0</b>	<b>2,046,570</b>	<b>0</b>	<b>2,733,667</b>	<b>0</b>	<b>2,733,667</b>	<b>0</b>	<b>1,568,000</b>	<b>0</b>	<b>1,568,000</b>	
<b>DAS-FM-EE # of Capital Projects by YEAR:</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>4</b>	

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)**

DEPT	Project	Project Description	2018 - BUDGET			2019			2020			2021			2022		
			DAS-FM-EE	BUDGET	% to DAS-FM-EE	DAS-FM-EE	Est City Bond/Cash & Non-County \$	% to DAS-FM-EE	DAS-FM-EE	Est City Bond/Cash & Non-County \$	% to DAS-FM-EE	DAS-FM-EE	Est City Bond/Cash & Non-County \$	% to DAS-FM-EE	DAS-FM-EE	Est City Bond/Cash & Non-County \$	% to DAS-FM-EE
		County Funding:	0	50,460,398	0.0%	2,046,570	54,687,193	3.7%	2,733,667	56,327,809	4.9%	1,568,000	58,017,644	2.7%	1,613,000	59,758,174	2.7%
		Non-County Funding:	0	9,916,088	0.0%	0	26,202,185	0.0%	0	18,003,314	0.0%	0	11,431,236	0.0%	0	17,453,750	0.0%
		<b>Total County + Non-County Funding:</b>	<b>0</b>	<b>60,376,486</b>	<b>0.0%</b>	<b>2,046,570</b>	<b>80,889,378</b>	<b>2.5%</b>	<b>2,733,667</b>	<b>74,331,123</b>	<b>3.7%</b>	<b>1,568,000</b>	<b>69,448,880</b>	<b>2.3%</b>	<b>1,613,000</b>	<b>77,211,924</b>	<b>2.3%</b>

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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 95).

**5-Year Capital Improvement Plan by County/Non-County Funding: DAS-FM-FM (a)**

DEPT	Project	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	Slab Replacement MPM/Pioneer Village Area	1,301,347		1,301,347												
DAS-FM-FM	Safety Bldg Elevator Modernization (Cars 3,4,6)	1,181,031		1,181,031												
DAS-FM-FM	Coggs Fire System	181,312		181,312												
DAS-FM-FM	CIF Public Elevators 1 and 2 Upgrade	794,420		794,420												
DAS-FM-FM	Coggs Basement Sealing / Parking Lot Slab Repairs		458,154	458,154												
DAS-FM-FM	CH Complex Load Bank Units (Generator Testing)		128,279	128,279												
DAS-FM-FM	CH Complex Facade Inspect & Repair-2019 (prv 2018)		1,563,097	1,563,097												
DAS-FM-FM	CH Complex Facade Inspect & Repair-2018															
DAS-FM-FM	CH Complex Improvements-CIF Caulking		1,825,188	1,825,188												
DAS-FM-FM	Courthouse Perthouse Masonry		1,346,746	1,346,746												
DAS-FM-FM	CIF FLOOR COATINGS PENTHOUSE		313,102	313,102												
DAS-FM-FM	Coggs Center HVAC Replacement		3,638,005	3,638,005												
DAS-FM-FM	Courthouse Complex Water and Steam Piping Study		1,084,196	1,084,196												
DAS-FM-FM	Safety Building Window Replacement-2019 (prv 2018)		283,058	283,058												
DAS-FM-FM	Safety Building Window Replacement-2018															
DAS-FM-FM	Annex Parking Lot		642,541	642,541												
DAS-FM-FM	Courthouse Monument & Waypoint Signage		181,439	181,439												
DAS-FM-FM	CH Light Court Rehabilitation (H6)		137,883	137,883												
DAS-FM-FM	Courthouse Roof Drain Replacement-Exterior		135,627	135,627												
DAS-FM-FM	Facilities West (Lapham) Roof Replacement															
DAS-FM-FM	Courthouse Complex Planning-Phase II-Pin Plchldr		2,020,000	2,020,000												
DAS-FM-FM	Safety Bldg Demolition															
DAS-FM-FM	Courthouse HVAC System Replacements-Pin Plchldr															
DAS-FM-FM	Courthouse Complex Water-Stream Piping-Pin Plchldr		6,000,000	6,000,000												
DAS-FM-FM	Maint Support Site Update & Master Planning		500,000	500,000												
DAS-FM-FM	CH Light court Rehabilitation-Planning Placeholder		786,000	786,000												
DAS-FM-FM	Medical Examiner HVAC															
DAS-FM-FM	CIF Loading Dock		233,000	233,000												
DAS-FM-FM	CH Complex Interior Updates-Plan Placeholder		300,000	300,000												
DAS-FM-FM	New Criminal Courthouse															
DAS-FM-FM	CIF Entrance															
DAS-FM-FM	Clerk of Court Records Rooms Lighting Replacemen															
DAS-FM-FM	Courthouse HVAC Inspect & Repair-Plan Plchldr															
DAS-FM-FM	Courthouse HVAC Replacement		1,377,566	1,377,566												
DAS-FM-FM	CH Complex Directories		200,000	200,000												
DAS-FM-FM	Vel Phillips Roof Replacements		100,000	100,000												
DAS-FM-FM	CH Complex Safety System(s) Study		100,000	100,000												
DAS-FM-FM	CH Complex Electr Infrstrc Upgrade-Ping Plchldr		500,000	500,000												
DAS-FM-FM	Jury Management PA and AV		113,400	113,400												
DAS-FM-FM	CH Complex Courts Cameras/Monitors-Pin Plchldr		469,000	469,000												
DAS-FM-FM	Safety Bldg - Clerk of Court, Rm. 419 Renovation		255,000	255,000												
DAS-FM-FM	Safety Building Window Replacement-Plan Plchldr		2,221,164	2,221,164												
DAS-FM-FM	CIF Re-Commissioning Planning		250,000	250,000												
DAS-FM-FM	SB Room 223 Storage Room Shelving		100,000	100,000												
DAS-FM-FM Capital Project Funding by YEAR:		3,458,110	0	3,458,110	26,729,445	0	26,729,445	23,661,390	0	23,661,390	37,667,785	0	37,667,785	206,534,000	0	206,534,000
DAS-FM-FM # of Capital Projects by YEAR:		4		4	28		28	11		11	7		7	5		5

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-FM (b)														
2018 - BUDGET		2019				2020				2021		2022		
DAS-FM-FM	BUDGET	% to DAS-FM-FM	DAS-FM-FM	Est Cnty Bond/Cash & Non-Cnty \$	% to DAS-FM-FM	DAS-FM-FM	Est Cnty Bond/Cash & Non-Cnty \$	% to DAS-FM-FM	DAS-FM-FM	Est Cnty Bond/Cash & Non-Cnty \$	% to DAS-FM-FM	DAS-FM-FM	Est Cnty Bond/Cash & Non-Cnty \$	% to DAS-FM-FM
3,458,110	50,460,398	6.9%	26,729,445	54,687,193	48.3%	23,661,390	56,327,809	42.0%	37,667,785	58,017,644	64.9%	206,534,000	59,758,174	345.6%
0	9,946,088	0.0%	0	26,202,185	0.0%	0	18,003,314	0.0%	0	11,431,236	0.0%	0	17,453,750	0.0%
3,458,110	60,376,486	5.7%	26,729,445	80,889,378	33.0%	23,661,390	74,331,123	31.8%	37,667,785	69,448,880	54.2%	206,534,000	77,211,924	267.5%

County Funding: 3,458,110  
 Non-County Funding: 0  
 Total County + Non-County Funding: 3,458,110

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 95).

**5-Year Capital Improvement Plan by County/Non-County Funding: DAS-IMSD (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-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				1,300,000		1,300,000	1,300,000								
DAS-IMSD	TBD	PC Replacement-2019 (prv 2018)				1,300,000		1,300,000	1,300,000								
DAS-IMSD	WO19301	PC Replacement-2018				3,379,029		3,379,029	3,379,029								
DAS-IMSD	WO21701	Phone and Voicemail Replacement				300,971		300,971	300,971								
DAS-IMSD	WO19401	Infrastructure Replacement-Planning Placeholder															
DAS-IMSD	TBD	Infrastructure Replacement-2019 (prv 2018)															
DAS-IMSD	WO19501	Infrastructure Replacement-2018				5,781,106		5,781,106	5,781,106								
DAS-IMSD	WO60201	Enterprise Platform Modernization				290,000		290,000	290,000								
DAS-IMSD	WO19601	Wireless Infrastructr Cnty Bldgs-Plan Placeholder				646,290		646,290	646,290								
DAS-IMSD	TBD	Wireless Infrastructr Cnty Bldgs-2019 (prv 2018)				450,000		450,000	450,000								
DAS-IMSD	WO19701	Wireless Infrastructr Cnty Bldgs-2018				350,000		350,000	350,000								
DAS-IMSD	WO17601	Mainframe Retirement				750,000		750,000	750,000								
DAS-IMSD	WO27801	Server 2008 Remediation															
DAS-IMSD	WO31901	Data Center Remediation															
DAS-IMSD	WO32001	2020 Advantage Remediation															
DAS-IMSD	WO32101	Enterprise Video Surveillance Program															
DAS-IMSD	WO32101	DAS-IMSD Capital Project Funding by YEAR:	6,633,781	0	6,245,581	14,356,364	0	14,356,364	2,442,360	0	2,442,360	1,740,000	0	1,740,000	2,090,000	0	2,090,000
DAS-IMSD	WO32101	DAS-IMSD # of Capital Projects by YEAR:	4	4	4	10	5	5	5	5	5	3	3	3	5	5	5

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)**

DEPT	Project	Project Description	2018 - BUDGET			2019			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	DAS-IMSD	Est Cnty Bond/Cash & Non-Cnty \$	% to DAS-IMSD
DAS-IMSD	WO27901	Information Technology Security-Plan Placeholder	6,633,781	50,460,398	13.1%	14,856,364	54,687,193	27.2%	2,442,360	56,327,809	4.3%	1,740,000	58,017,644	3.0%	2,090,000	59,758,174	3.5%
DAS-IMSD	TBD	PC Replacement-2019 (prv 2018)	0	9,916,088	0.0%	0	26,202,185	0.0%	0	18,009,314	0.0%	0	11,431,236	0.0%	0	17,853,750	0.0%
DAS-IMSD	WO19301	PC Replacement-2018	6,633,781	60,376,486	11.0%	14,856,364	80,889,378	18.4%	2,442,360	74,331,123	3.3%	1,740,000	69,448,880	2.5%	2,090,000	77,211,924	2.7%
DAS-IMSD	TBD	Infrastructure Replacement-2019 (prv 2018)															
DAS-IMSD	WO19401	Infrastructure Replacement-Planning Placeholder															
DAS-IMSD	TBD	Infrastructure Replacement-2019 (prv 2018)															
DAS-IMSD	WO19501	Infrastructure Replacement-2018															
DAS-IMSD	WO60201	Enterprise Platform Modernization															
DAS-IMSD	WO19601	Wireless Infrastructr Cnty Bldgs-Plan Placeholder															
DAS-IMSD	TBD	Wireless Infrastructr Cnty Bldgs-2019 (prv 2018)															
DAS-IMSD	WO19701	Wireless Infrastructr Cnty Bldgs-2018															
DAS-IMSD	WO17601	Mainframe Retirement															
DAS-IMSD	WO27801	Server 2008 Remediation															
DAS-IMSD	WO31901	Data Center Remediation															
DAS-IMSD	WO32001	2020 Advantage Remediation															
DAS-IMSD	WO32101	Enterprise Video Surveillance Program															
DAS-IMSD	WO32101	DAS-IMSD Capital Project Funding by YEAR:	6,633,781	50,460,398	13.1%	14,856,364	54,687,193	27.2%	2,442,360	56,327,809	4.3%	1,740,000	58,017,644	3.0%	2,090,000	59,758,174	3.5%
DAS-IMSD	WO32101	DAS-IMSD # of Capital Projects by YEAR:	4	4	4	10	5	5	5	5	5	3	3	3	5	5	5
DAS-IMSD	WO32101	Total County + Non-County Funding:	6,633,781	60,376,486	11.0%	14,856,364	80,889,378	18.4%	2,442,360	74,331,123	3.3%	1,740,000	69,448,880	2.5%	2,090,000	77,211,924	2.7%

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 increase 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 95).

**5-Year Capital Improvement Plan by County/Non-County Funding: DAS-OPD (a)**

DEPT	Project	Dept of Administrative Services - Office of Persons w/ Disabilities	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	WO18801	Countywide ADA Repairs-Planning Placeholder				890,219		890,219	500,000		500,000	500,000		500,000		500,000	
DAS-OPD	TBD	Countywide ADA Repairs-2019 (prv 2018)				100,000		100,000									
DAS-OPD	WO18901	Countywide ADA Repairs-2018				990,219	0	990,219	500,000	0	500,000	500,000	0	500,000	0	500,000	
DAS-OPD	WO22701	WOW-Grant Rec. Ctr Siding & Window Replacement				0	0	0	500,000	0	500,000	500,000	0	500,000	0	500,000	
<b>DAS-OPD Capital Project Funding by YEAR:</b>			0	0	0	990,219	0	990,219	500,000	0	500,000	500,000	0	500,000	0	500,000	
<b>DAS-OPD # of Capital Projects by YEAR:</b>			0	0	0	2	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.

**% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): DAS-OPD (b)**

DEPT	Project	Dept of Administrative Services - Office of Persons w/ Disabilities	2018 - BUDGET			2019			2020			2021			2022		
			DAS-OPD	BUDGET	% to DAS-OPD	DAS-OPD	Est City Bond/Cash & Non-County \$s	% to DAS-OPD	DAS-OPD	Est City Bond/Cash & Non-County \$s	% to DAS-OPD	DAS-OPD	Est City Bond/Cash & Non-County \$s	% to DAS-OPD	DAS-OPD	Est City Bond/Cash & Non-County \$s	% to DAS-OPD
DAS-OPD	WO18801	Countywide ADA Repairs-Planning Placeholder	0	50,460,398	0.0%	990,219	54,687,193	1.8%	500,000	56,327,809	0.9%	500,000	58,017,644	0.9%	500,000	59,758,174	0.8%
DAS-OPD	TBD	Countywide ADA Repairs-2019 (prv 2018)	0	9,916,088	0.0%	0	26,202,185	0.0%	0	18,093,314	0.0%	0	11,431,236	0.0%	0	17,953,750	0.0%
DAS-OPD	WO18901	Countywide ADA Repairs-2018	0	60,376,486	0.0%	990,219	80,889,378	1.2%	500,000	74,331,123	0.7%	500,000	69,446,860	0.7%	500,000	77,211,924	0.6%
<b>Total County + Non-County Funding:</b>			0	120,752,972	0.0%	1,980,438	161,778,756	0.0%	1,000,000	158,752,247	0.0%	1,000,000	148,895,734	0.0%	1,000,000	154,361,848	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 Cash/Bond 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 95).

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

DEPT	Office of the Sheriff	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
SHERIFF	Project Description	0	0	0	5,571,701	0	5,571,701	1,510,000	0	1,510,000	1,200,000	0	1,200,000	2,021,498	0	2,021,498
SHERIFF	WC10601 C/F Dirty Linen Receiving Area															
SHERIFF	WC10701 C/F Booking Room and Tower Remodeling															
SHERIFF	WC10801 C/F Sally Port Doors Replacement															
SHERIFF	WC16901 Training Academy Roof Repairs				453,000		453,000	500,000		500,000	230,000		230,000	250,000		250,000
SHERIFF	WC17001 Training Academy Tactical House				640,908		640,908	230,000		230,000						
SHERIFF	WC44701 C/F Camera System				324,797		324,797									
SHERIFF	WC44801 Automated License Plate Readers							180,000		180,000						
SHERIFF	WC46901 PSB Fast ID Remote booking (30 Units)							100,000		100,000						
SHERIFF	WC47001 C/F - Instant Full Body Scan Machine															
SHERIFF	WC47101 C/F Key Watcher System				300,000		300,000									
SHERIFF	WC47801 Sheriff PSB CID Computer Hardware/Software				100,000		100,000									
SHERIFF	WC47901 C/F Kitchen Upgrades				125,000		125,000									
SHERIFF	WC48001 C/F Jail Records Area Remodeling				250,000		250,000									
SHERIFF	WC48101 C/F Jail Antenna Installation															
SHERIFF	WC48201 C/F Roof Antenna Installation				100,000		100,000									
SHERIFF	WC48301 C/F Housing Video System				350,000		350,000									
SHERIFF	WC48501 C/F Pneumatic Tube System Repairs				150,000		150,000									
SHERIFF	WC48801 C/F Pod 4D Renovations				100,000		100,000									
SHERIFF	WC49201 Sheriff PSB Predictive Analytics										100,000		100,000			
SHERIFF	WC49301 Sheriff PSB Predictive Analytics															
SHERIFF	WC49701 Training Academy Improvements				300,000		300,000									
SHERIFF	WC14001 C/F Pod 4B Food Chutes				155,988		155,988									
SHERIFF	WC16801 Training Academy HVAC-Plumbing Replacements				122,306		122,306									
SHERIFF	WC17901 MCSO Voice Analytics				142,000		142,000									
SHERIFF	WC49101 Lakeloft Cameras & Video Analytics				149,800		149,800									
SHERIFF	WC27601 Sheriff Radio Replacement-2018 (priv 2019)															
SHERIFF	TBD Sheriff Radio Replacement-2018				200,000		200,000									
SHERIFF	WC27701 Sheriff Radio Replacement-2018				158,057		158,057									
SHERIFF	WC27401 C/F Electronically Controlled Toilets				1,449,845		1,449,845									
SHERIFF	WC20001 Training Academy Parking Lot Replacement															
SHERIFF	WC30001 Courts Videoconferencing															
SHERIFF	<b>SHERIFF # of Capital Projects by YEAR:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,571,701</b>	<b>0</b>	<b>5,571,701</b>	<b>1,510,000</b>	<b>0</b>	<b>1,510,000</b>	<b>1,200,000</b>	<b>0</b>	<b>1,200,000</b>	<b>2,021,498</b>	<b>0</b>	<b>2,021,498</b>
SHERIFF	<b>SHERIFF % of Capital Projects by YEAR:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,571,701</b>	<b>0</b>	<b>5,571,701</b>	<b>1,510,000</b>	<b>0</b>	<b>1,510,000</b>	<b>1,200,000</b>	<b>0</b>	<b>1,200,000</b>	<b>2,021,498</b>	<b>0</b>	<b>2,021,498</b>

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)**

DEPT	Office of the Sheriff	2018 - BUDGET			2019			2020			2021			2022		
		BUDGET	% to SHERIFF	% to SHERIFF	SHERIFF	Est Cnty Bond/Cash & Non-Cnty \$	% to SHERIFF	SHERIFF	Est Cnty Bond/Cash & Non-Cnty \$	% to SHERIFF	SHERIFF	Est Cnty Bond/Cash & Non-Cnty \$	% to SHERIFF	SHERIFF	Est Cnty Bond/Cash & Non-Cnty \$	% to SHERIFF
SHERIFF	County Funding:	0	50,460,398	0.0%	5,571,701	54,687,193	10.2%	1,510,000	56,327,809	2.7%	1,200,000	58,017,644	2.1%	2,021,498	59,758,174	3.4%
SHERIFF	Non-County Funding:	0	9,516,085	0.0%	0	18,009,314	0.0%	0	1,493,236	0.0%	0	1,493,236	0.0%	0	17,955,750	0.0%
SHERIFF	<b>Total County + Non-County Funding:</b>	<b>0</b>	<b>60,376,485</b>	<b>0.0%</b>	<b>5,571,701</b>	<b>80,889,378</b>	<b>6.9%</b>	<b>1,510,000</b>	<b>74,331,123</b>	<b>2.0%</b>	<b>1,200,000</b>	<b>69,448,880</b>	<b>1.7%</b>	<b>2,021,498</b>	<b>77,211,924</b>	<b>2.6%</b>

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 Cash/Bond 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 95).

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

DEPT	Project	Project Description	2018 - BUDGET		2019		2020		2021		2022	
			County	Non-County	County	Non-County	County	Non-County	County	Non-County	County	Non-County
HOC	WJ08001	HOC Video Visitation System			1,400,000							
HOC	WJ08301	HOC Security System Replacement	235,985		197,015							
HOC	WJ08401	HOC Steel and Glass Greenhouse		235,985	353,000							
HOC	WJ10201	HOC Boiler House Window Replacement					565,000					
HOC	WJ10301	HOC Surges Building Roof Replacement						508,732				
HOC	WJ10401	HOC Lotter Building Roof Replacement						503,537				
HOC	WJ07901	HOC New Parking Outside Secure Perimeter							1,012,269			
HOC Capital Project Funding by YEAR:			235,985	0	1,950,015	0	565,000	1,012,269	0	1,012,269	881,000	881,000
HOC # of Capital Projects by YEAR:			1	1	3	1	1	2	1	1	0	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)**

DEPT	Project	Project Description	2018 - BUDGET		2019		2020		2021		2022		
			BUDGET	% to HOC	HOC	Est Cnty Bond/Cash & Non-Cnty \$	% to HOC	HOC	Est Cnty Bond/Cash & Non-Cnty \$	% to HOC	HOC	Est Cnty Bond/Cash & Non-Cnty \$	% to HOC
HOC	WJ08001	HOC Video Visitation System	50,460,398	0.5%	1,950,015	54,687,193	3.6%	56,327,809	1,012,269	1.7%	881,000	59,756,174	1.5%
HOC	WJ08301	HOC Security System Replacement	9,916,088	0.0%	0	26,202,185	0.0%	18,003,314	0	0.0%	0	17,953,750	0.0%
HOC	WJ08401	HOC Steel and Glass Greenhouse	60,376,486	0.4%	1,950,015	80,889,378	2.4%	74,331,123	1,012,269	1.5%	881,000	77,211,924	1.1%
Total County + Non-County Funding:			110,752,972		3,900,030	135,778,756		138,662,246	2,024,538		1,762,000	154,921,848	

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 95).

**5-Year Capital Improvement Plan by County/Non-County Funding: EMERGENCY MNGT (a)**

DEPT	Project	Project Description	2018 - BUDGET		2019		2020		2021		2022	
			County	Non-County	County	Non-County	County	Non-County	County	Non-County	County	Non-County
EMERGENCY MNGT	WO30301	Office of Emergency Management	762,650	0	1,481,060	0	1,210,000	0	0	0	1,500,000	0
EMERGENCY MNGT	WO26701	Public Safety Data Interoperability	762,650	0	1,481,060	0	1,210,000	0	0	0	1,500,000	0
EMERGENCY MNGT	WO26801	Communications Info-Video Wall	762,650	0	1,481,060	0	1,210,000	0	0	0	1,500,000	0
EMERGENCY MNGT	WO26901	Radio Site Relocation-US Bank to Couture Bldg.	762,650	0	1,481,060	0	1,210,000	0	0	0	1,500,000	0
EMERGENCY MNGT	WO27001	Mechanical CPR Devices	762,650	0	1,481,060	0	1,210,000	0	0	0	1,500,000	0
EMERGENCY MNGT	WO27101	700MHz Back-Up Radio System (County Depis)	762,650	0	1,481,060	0	1,210,000	0	0	0	1,500,000	0
EMERGENCY MNGT	WO27201	911 Dispatch Workstations	762,650	0	1,481,060	0	1,210,000	0	0	0	1,500,000	0
EMERGENCY MNGT	WO27301	EMS Vehicle Enhancements & Technology Upgrade	762,650	0	1,481,060	0	1,210,000	0	0	0	1,500,000	0
EMERGENCY MNGT	WO49801	Cardiac Monitors	762,650	0	1,481,060	0	1,210,000	0	0	0	1,500,000	0
EMERGENCY MNGT	WO28101	800MHz Doppler System	762,650	0	1,481,060	0	1,210,000	0	0	0	1,500,000	0
EMERGENCY MNGT	WO28101	911 Communications Workstation Replacement	762,650	0	1,481,060	0	1,210,000	0	0	0	1,500,000	0
<b>EMERGENCY MNGT # of Capital Projects by YEAR:</b>			<b>1</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1,500,000</b>

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): EMERGENCY MNGT (b)**

DEPT	Project	Project Description	2018 - BUDGET		2019		2020		2021		2022	
			EMERGENCY MNGT	BUDGET	% to EMERGENCY MNGT	Est Cnty Bond/Cash & Non-Cnty \$\$	EMERGENCY MNGT	% to EMERGENCY MNGT	Est Cnty Bond/Cash & Non-Cnty \$\$	EMERGENCY MNGT	% to EMERGENCY MNGT	Est Cnty Bond/Cash & Non-Cnty \$\$
EMERGENCY MNGT	WO30301	Office of Emergency Management	762,650	50,460,398	1.5%	1,481,060	1,210,000	56,327,809	0	1,500,000	59,756,174	
EMERGENCY MNGT	WO26701	Public Safety Data Interoperability	0	9,916,088	0.0%	0	0	18,009,314	0	0	17,459,750	
EMERGENCY MNGT	WO26801	Communications Info-Video Wall	762,650	60,376,486	1.3%	1,481,060	1,210,000	74,331,123	0	1,500,000	77,211,924	
<b>Total County + Non-County Funding:</b>												
County Funding:			762,650	50,460,398	1.5%	1,481,060	1,210,000	56,327,809	0	1,500,000	59,756,174	
Non-County Funding:			0	9,916,088	0.0%	0	0	18,009,314	0	0	17,459,750	
<b>Total County + Non-County Funding:</b>			<b>762,650</b>	<b>60,376,486</b>	<b>1.3%</b>	<b>1,481,060</b>	<b>1,210,000</b>	<b>74,331,123</b>	<b>0</b>	<b>1,500,000</b>	<b>77,211,924</b>	

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 95).



**5-Year Capital Improvement Plan by County/Non-County Funding: ME (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
ME	WO26501	Medical Examiner Case Management Software	0	0	0	228,800	0	228,800	0	0	0	0	0	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			2022		
	ME	BUDGET	% to ME	ME	Est Only Bond/Cash & Non-County \$	% to ME	ME	Est Only Bond/Cash & Non-County \$	% to ME	ME	Est Only Bond/Cash & Non-County \$	% to ME	ME	Est Only Bond/Cash & Non-County \$	% to ME
County Funding:	0	50,460,398	0.0%	228,800	54,687,193	0.4%	0	56,327,809	0.0%	0	58,017,644	0.0%	0	59,758,174	0.0%
Non-County Funding:	0	9,916,088	0.0%	0	26,202,185	0.0%	0	18,003,314	0.0%	0	11,431,236	0.0%	0	17,453,750	0.0%
Total County + Non-County Funding:	0	60,376,486	0.0%	228,800	80,889,378	0.3%	0	74,331,123	0.0%	0	69,448,880	0.0%	0	77,211,924	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 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 95).

**5-Year Capital Improvement Plan by County/Non-County Funding: DHHS-BHD (a)**

DEPT	Project	Dept of Health & Human Services - Behavioral Health Division	2018 - BUDGET		2019		2020		2021		2022	
			County	Non-County	County	Non-County	County	Non-County	County	Non-County	County	Non-County
DHHS-BHD	WE04101	BHD Air Handling System	1,382,538	0	1,382,538	0	3,000,000	0	3,000,000	0	3,000,000	0
DHHS-BHD	WE04201	BHD Window Replacement	423,841	0	423,841	0	1,320,909	0	1,320,909	0	1,320,909	0
DHHS-BHD	WE05501	BHD Bathroom Bldg Settling Repair & Replacement	347,928	0	347,928	0	746,942	0	746,942	0	746,942	0
DHHS-BHD	WE05801	BHD-ACT System Renewal	1,528,162	0	1,528,162	0	5,067,851	0	5,067,851	0	5,067,851	0
DHHS-BHD	WE06001	BHD-VCT 4 Renewal	1,121,707	0	1,121,707	0	4,936,395	0	4,936,395	0	4,936,395	0
DHHS-BHD	WE06101	BHD-Door Assembly Replacement	1,528,162	0	1,528,162	0	5,067,851	0	5,067,851	0	5,067,851	0
DHHS-BHD	WE06301	BHD-Fire Damper Replacement	1,528,162	0	1,528,162	0	5,067,851	0	5,067,851	0	5,067,851	0
DHHS-BHD	WE03701	MHC-Repave Parking Lots X-3Z, A, B, & C	1,121,707	0	1,121,707	0	4,936,395	0	4,936,395	0	4,936,395	0
DHHS-BHD	WE04001	BHD Roof Repair	1,121,707	0	1,121,707	0	4,936,395	0	4,936,395	0	4,936,395	0
DHHS-BHD	WE06501	Mental Health Complex New Generator	1,121,707	0	1,121,707	0	4,936,395	0	4,936,395	0	4,936,395	0
<b>DHHS-BHD Capital Project Funding by YEAR:</b>			<b>0</b>	<b>0</b>	<b>4,936,395</b>	<b>0</b>	<b>5,067,851</b>	<b>0</b>	<b>5,067,851</b>	<b>0</b>	<b>3,576,534</b>	<b>0</b>
<b>DHHS-BHD # of Capital Projects by YEAR:</b>			<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>0</b>

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**% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): DHHS-BHD (b)**

DEPT	Project	Dept of Health & Human Services - Behavioral Health Division	2018 - BUDGET		2019		2020		2021		2022	
			BUDGET	% to DHHS-BHD	DHHS-BHD	Est Cnty Bond/Cash & Non-Cnty \$	% to DHHS-BHD	DHHS-BHD	Est Cnty Bond/Cash & Non-Cnty \$	% to DHHS-BHD	DHHS-BHD	Est Cnty Bond/Cash & Non-Cnty \$
DHHS-BHD	WE04101	BHD Air Handling System	50,460,398	0.0%	4,936,395	9.8%	5,067,851	10.1%	3,576,534	7.1%	3,273,624	6.5%
DHHS-BHD	WE04201	BHD Window Replacement	9,779,585	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
DHHS-BHD	WE05501	BHD Bathroom Bldg Settling Repair & Replacement	60,239,983	0.0%	4,936,395	8.2%	5,067,851	8.4%	3,576,534	5.9%	3,273,624	5.4%
<b>County Funding:</b>			<b>0</b>	<b>0.0%</b>	<b>4,936,395</b>	<b>9.8%</b>	<b>5,067,851</b>	<b>10.1%</b>	<b>3,576,534</b>	<b>7.1%</b>	<b>3,273,624</b>	<b>6.5%</b>
<b>Non-County Funding:</b>			<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>
<b>Total County + Non-County Funding:</b>			<b>0</b>	<b>0.0%</b>	<b>4,936,395</b>	<b>9.8%</b>	<b>5,067,851</b>	<b>10.1%</b>	<b>3,576,534</b>	<b>7.1%</b>	<b>3,273,624</b>	<b>6.5%</b>

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.

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

DEPT	Project	Project Description	2018 - BUDGET		Total	2019		Total	2020		Total	2021		Total	2022		Total
			County	Non-County		County	Non-County		County	Non-County		County	Non-County		County	Non-County	
DHHS	W510201	Control Center Panel Replacement			850,000	850,000		850,000									
DHHS	W510101	ProPhoenix Medical Module			100,000	100,000		100,000									
DHHS	WCI9701	Carpet Replacement - Coggs 3rd Floor			252,260	252,260		252,260									
DHHS	W053601	DHHS Document Scanning			100,000	100,000		100,000									
DHHS	W053701	ProPhoenix RMS Upgrade & Training			100,000	100,000		100,000									
DHHS	W053101	Case Management and Software Conversion-Plan Pchld			938,200	938,200		938,200									
		<b>DHHS Capital Project Funding by YEAR:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,340,460</b>	<b>0</b>	<b>2,340,460</b>	<b>0</b>	<b>1,036,816</b>	<b>1,036,816</b>	<b>0</b>	<b>609,433</b>	<b>609,433</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>DHHS % of Capital Projects by YEAR:</b>				<b>6</b>		<b>1</b>		<b>1</b>	<b>1</b>		<b>1</b>	<b>1</b>		<b>0</b>	<b>0</b>

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**% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): DHHS (b)**

DEPT	Project	Project Description	2018 - BUDGET		% to DHHS	2019		% to DHHS	2020		% to DHHS	2021		% to DHHS	2022		% to DHHS
			DHHS	BUDGET		DHHS	Est Cnty Bond/Cash & Non-Cnty \$s		DHHS	Est Cnty Bond/Cash & Non-Cnty \$s		DHHS	Est Cnty Bond/Cash & Non-Cnty \$s				
		<b>County Funding:</b>	<b>0</b>	<b>50,460,398</b>	<b>0.0%</b>	<b>2,340,460</b>	<b>54,687,193</b>	<b>4.3%</b>	<b>1,036,816</b>	<b>56,327,809</b>	<b>1.8%</b>	<b>609,433</b>	<b>59,017,644</b>	<b>1.1%</b>	<b>59,758,174</b>	<b>0.0%</b>	
		<b>Non-County Funding:</b>	<b>0</b>	<b>9,936,088</b>	<b>0.0%</b>	<b>0</b>	<b>26,202,185</b>	<b>0.0%</b>	<b>0</b>	<b>18,009,314</b>	<b>0.0%</b>	<b>0</b>	<b>11,431,236</b>	<b>0.0%</b>	<b>17,959,750</b>	<b>0.0%</b>	
		<b>Total County + Non-County Funding:</b>	<b>0</b>	<b>60,376,486</b>	<b>0.0%</b>	<b>2,340,460</b>	<b>80,889,378</b>	<b>2.9%</b>	<b>1,036,816</b>	<b>74,337,123</b>	<b>1.4%</b>	<b>609,433</b>	<b>69,448,880</b>	<b>0.9%</b>	<b>77,211,924</b>	<b>0.0%</b>	

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

DEPT	Project	Project Description	2018 - BUDGET		2019		2020		2021		2022	
			County	Non-County	County	Non-County	County	Non-County	County	Non-County	County	Non-County
AGING	W511201	Rose Center Multipurpose Rm Fire Separation	0	0	0	0	100,000	100,000	0	0	350,000	350,000
AGING	W504801	Rose Senior Center Roof Replacement	0	0	120,978	120,978	198,000	198,000	300,000	300,000	0	0
AGING	W511101	Wilson Senior Center Access Lighting	0	0	169,000	169,000	410,000	410,000	0	0	0	0
AGING	W505101	McGovern Senior Center Flooring and Ceiling Repl	0	0	442,308	442,308	0	0	0	0	0	0
AGING	W505301	Kelly Senior Center Fitness Area Restrooms	0	0	122,000	122,000	0	0	0	0	0	0
AGING	W505501	Kelly SC HVAC Unit	0	0	132,779	132,779	0	0	0	0	0	0
AGING	W505901	Rose Senior Center New Kitchen	0	0	987,065	987,065	100,000	100,000	710,000	710,000	830,152	830,152
AGING	W506201	Wilson Senior Center Restroom Updates	0	0	5	5	398,000	398,000	0	0	0	0
AGING	W506701	Kelly SC Center Window Renovations	0	0	0	0	0	0	2	2	4	4
AGING	W506901	Washington Park SC Chiller and HVAC	0	0	442,308	442,308	0	0	0	0	0	0
AGING	W510001	Rose Senior Center Restroom Renovation	0	0	122,000	122,000	0	0	0	0	0	0
AGING	W504005	McGovern Main Kitchen Replacement	0	0	132,779	132,779	0	0	0	0	0	0
AGING	W511601	Washington Senior Center Access Lighting	0	0	0	0	0	0	0	0	0	0
AGING	W510901	ARC Call Center Phone System Replacement	0	0	0	0	0	0	0	0	0	0

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**% of Annual Capital Funding/Capital Projects (Assumes Estimated Countywide Bond/Cash Policy): AGING (b)**

DEPT	Project	Project Description	2018 - BUDGET		2019		2020		2021		2022	
			BUDGET	% to AGING	AGING	% to AGING	AGING	% to AGING	AGING	% to AGING	AGING	% to AGING
AGING	0	50,460,398	0.0%	987,065	1.8%	398,000	0.7%	710,000	1.2%	830,152	1.4%	
Non-County Funding:	0	9,915,088	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
County Funding:	0	60,375,486	0.0%	987,065	1.2%	398,000	0.5%	710,000	1.0%	830,152	1.1%	
Total County + Non-County Funding:	0	60,375,486	0.0%	987,065	1.2%	398,000	0.5%	710,000	1.0%	830,152	1.1%	

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.

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