

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



Chris Abele, *County Executive*

2017 ADOPTED CAPITAL BUDGET





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Project	Project	Description	2017 Adopted	Federal	State	Local	Reimbursement Revenue	Net County Contribution	Sales Tax Revenue	Vehicle Registration Fee	Private Contribution	Property Tax Levy	PFC Revenue/Airport Reserve	Bonds
TRANSPORTATION AND PUBLIC WORKS														
Highway														
WH001	WH00119	CTH U and CTH BB Intersection (2160-01-02)	959,730	452,389	0	0	452,389	507,341	0	0	0	0	0	507,341
WH002	WH00206	W. Good Hope Rd. Corridor Adaptive Signal Control	468,000	374,400	0	0	374,400	93,600	0	0	0	93,600	0	0
WH010	WH01002	Mill Rd. 43rd St. to Sydney Pl.	750,000	0	0	0	0	750,000	0	0	0	0	0	750,000
WH010	WH01016	Reconst. 13th: Drexel to Rawson	500,000	400,000	0	0	400,000	100,000	0	0	0	0	0	100,000
WH020	WH02019	N Teutonia Ave. (W. Good Hope to W. Bradley)	100,000	0	0	0	0	100,000	0	0	0	100,000	0	0
WH080	WH08023	Whitnall Park Bridge #564	589,390	388,283	0	0	388,283	201,107	0	0	0	201,107	0	0
WH080	WH08024	Whitnall Park Bridge #565	644,825	433,873	0	0	433,873	210,952	0	0	0	210,952	0	0
WH090	WH09001	West Ryan Road (CTH H) - S 96th St to S 112th St	1,540,000	0	713,000	0	713,000	827,000	0	0	0	0	0	827,000
WH091	WH09101	Short Term CTH Rehabilitation-Maint. Projects	500,000	0	0	0	0	500,000	0	0	0	500,000	0	0
WH095	WH09501	W Rawson Ave. S. 27th St to S. 20th St.	150,000	120,000	0	0	120,000	30,000	0	0	0	0	0	30,000
WH228	WH22801	North Shop Improvements	325,000	0	0	0	0	325,000	0	0	0	0	0	325,000
Total Highway			6,526,945	2,168,945	713,000	0	2,881,945	3,645,000	0	0	0	1,105,659	0	2,539,341
Mass Transit														
WT026	WT02601	New Flyer Buses	7,500,000	5,800,000	0	0	5,800,000	1,700,000	0	0	0	0	0	1,700,000
WT076	WT07601	KK Garage HVAC System	2,000,000	1,600,000	0	0	1,600,000	400,000	0	0	0	0	0	400,000
WT077	WT07701	FDL Garage Roof Replacement	2,700,000	2,160,000	0	0	2,160,000	540,000	0	0	0	0	0	540,000
WT083	WT08301	Bus Rapid Transit	21,225,000	18,000,000	0	0	18,000,000	3,225,000	0	1,968,487	0	0	0	1,256,513
Total Mass Transit			33,425,000	27,560,000	0	0	27,560,000	5,865,000	0	1,968,487	0	0	0	3,896,513
Airport														
WA125	WA12501	GMA Security and Wildlife Deterrent Perimeter	315,000	236,250	39,375	0	275,625	39,375	0	0	0	0	39,375	0
WA176	WA17601	Airport Master Plan - AGIS/eALP	1,081,000	810,750	135,125	0	945,875	135,125	0	0	0	0	135,125	0
WA211	WA21101	GMA Physical Access Control System Upgrade	300,000	0	0	0	0	300,000	0	0	0	0	300,000	0
WA212	WA21201	GMA Hydrant System Compliance Requirements	1,000,000	0	0	0	0	1,000,000	0	0	0	0	1,000,000	0
WA213	WA21301	GMA Replacement Jet Bridges (2017)	1,500,000	0	0	0	0	1,500,000	0	0	0	0	1,500,000	0
WA215	WA21501	GMA Runway 19R-1L, 13-31/Taxiway S & Y Relight	1,097,000	822,750	137,125	0	959,875	137,125	0	0	0	0	137,125	0
WA217	WA21701	GMA 2017 Airfield Safety Improvements	517,000	387,750	64,625	0	452,375	64,625	0	0	0	(0)	64,625	0
WA218	WA21801	GMA 2017 Airfield Pavement Replacements	1,293,000	969,750	161,625	0	1,131,375	161,625	0	0	0	0	161,625	0
WA220	WA22001	GMA Connection Taxiways Modifications	3,162,000	2,371,500	395,250	0	2,766,750	395,250	0	0	0	(0)	395,250	0
WA221	WA22101	GMA International Terminal Redevelopment	4,589,000	0	0	0	0	4,589,000	0	0	0	0	4,589,000	0
WA224	WA22401	LJT Pavement Replacement and Rehabilitation 2016	450,000	405,000	22,500	0	427,500	22,500	0	0	0	0	22,500	0
Total Airport			15,304,000	6,003,750	955,625	0	6,959,375	8,344,625	0	0	0	(0)	8,344,625	0
Environmental														
WV009	WV00901	County-wide Sanitary Sewers Repairs	150,000	0	0	0	0	150,000	150,000	0	0	0	0	0
Total Environmental			150,000	0	0	0	0	150,000	150,000	0	0	0	0	0
Total TRANSPORTATION AND PUBLIC WORKS			55,405,945	35,732,695	1,668,625	0	37,401,320	18,004,625	150,000	1,968,487	0	1,105,659	8,344,625	6,435,854
PARKS, RECREATION AND CULTURE														
"Parks, Recreation, & Culture"														
WP290	WP29001	KK Parkway - S 68th St to W Cleveland Ave	916,000	0	0	0	0	916,000	0	0	0	0	0	916,000
WP290	WP29002	KK Parkway - S 68th St to S 76th St	823,000	0	0	0	0	823,000	0	0	0	0	0	823,000
WP298	WP29802	South Shore Improvement Phase 2	1,200,000	0	0	0	0	1,200,000	0	0	0	0	0	1,200,000
WP323	WP32301	Menomonee River Streambank Stabilization	300,000	0	0	0	0	300,000	0	0	0	0	0	300,000
WP484	WP48401	Lake Park Ravine Bridge	2,500,000	0	0	0	0	2,500,000	0	0	2,000,000	0	0	500,000
WP523	WP52301	Lark Park Steel Arch Bridge	100,800	0	0	0	0	100,800	0	0	0	0	0	100,800
WP530	WP53001	Storage Sheds	37,000	0	0	0	0	37,000	0	0	0	0	0	37,000
WP531	WP53101	Garden Homes PIP Playground Resurfacing	120,000	0	0	0	0	120,000	0	0	0	0	0	120,000
WP532	WP53201	Holler Playground Improvements	275,000	0	0	0	0	275,000	0	0	0	0	0	275,000
WP628	WP62801	Brown Deer Park Roadway	785,000	0	0	0	0	785,000	0	0	0	0	0	785,000
WP629	WP62901	Boerner Botanical Comfort Station Renovation	356,000	0	0	0	0	356,000	0	0	0	0	0	356,000
Total "Parks, Recreation, & Culture"			7,412,800	0	0	0	0	7,412,800	0	0	2,000,000	0	0	5,412,800

SCHEDULE - A

Project	Project	Description	2017 Adopted	Federal	State	Local	Reimbursement Revenue	Net County Contribution	Sales Tax Revenue	Vehicle Registration Fee	Private Contribution	Property Tax Levy	PFC Revenue/Airport Reserve	Bonds
WM027	WM02701	MPM-North Wing Air Handling Unit and Controls	524,000	0	0	0	0	524,000	0	0	0	0	0	524,000
		Total Museum	524,000	0	0	0	0	524,000	0	0	0	0	0	524,000
WZ114	WZ11401	Zoo Life Support Emergency Generators	298,000	0	0	0	0	298,000	0	0	0	0	0	298,000
WZ119	WZ11901	African Plains Exhibit	8,600,000	0	0	0	0	8,600,000	0	0	4,300,000	0	0	4,300,000
		Total Zoological Department	8,898,000	0	0	0	0	8,898,000	0	0	4,300,000	0	0	4,598,000
		Total PARKS, RECREATION AND CULTURE	16,834,800	0	0	0	0	16,834,800	0	0	6,300,000	0	0	10,534,800
		GENERAL GOVERNMENT												
		Courthouse Complex												
WC059	WC05902	CH/SB Multiple Main Feeder Replacements	1,670,000	0	0	0	0	1,670,000	0	0	0	0	0	1,670,000
WC062	WC06201	CJF - Building Roof Replacement	2,459,452	0	0	0	0	2,459,452	0	0	0	0	0	2,459,452
WC095	WC09501	Courthouse Campus Masonry - Basement Wall	506,000	0	0	0	0	506,000	506,000	0	0	0	0	0
WC102	WC10202	COURTHOUSE HVAC REPLACEMENT	250,000	0	0	0	0	250,000	0	0	0	0	0	250,000
WC129	WC12901	Safety Building Fire Pumps and Controls	361,000	0	0	0	0	361,000	0	0	0	0	0	361,000
WC143	WC14301	Courthouse Lightcourt Permanent Vertical Access	50,000	0	0	0	0	50,000	50,000	0	0	0	0	0
WC147	WC14701	Courthouse Complex Facade Inspection & Repair	500,000	0	0	0	0	500,000	500,000	0	0	0	0	0
WC148	WC14801	Courthouse Complex Planning - Phase III	500,000	0	0	0	0	500,000	500,000	0	0	0	0	0
WC154	WC15401	CJF Public Elevators 1 and 2 Upgrade	75,000	0	0	0	0	75,000	0	0	0	0	0	75,000
		Total Courthouse Complex	6,371,452	0	0	0	0	6,371,452	1,556,000	0	0	0	0	4,815,452
		House of Correction												
WJ078	WJ07801	HOC Sallyport Vehicle & Pedestrian Gates	252,000	0	0	0	0	252,000	0	0	0	0	0	252,000
		Total House of Correction	252,000	0	0	0	0	252,000	0	0	0	0	0	252,000
		Other Agencies												
WO038	WO03802	Marcus Center HVAC Upgrade	4,094,000	0	0	0	0	4,094,000	0	0	0	0	0	4,094,000
WO112	WO11201	Fleet General Equipment	2,751,000	0	0	0	0	2,751,000	0	0	0	0	0	2,751,000
WO112	WO11203	Sheriff Fleet Equipment	800,000	0	0	0	0	800,000	0	0	0	0	0	800,000
WO112	WO11204	House of Correction Fleet Equipment	141,000	0	0	0	0	141,000	0	0	0	0	0	141,000
WO112	WO11205	Fleet Parks Equipment	2,100,000	0	0	0	0	2,100,000	0	0	0	0	0	2,100,000
WO165	WO16502	Countywide ADA Repairs	125,000	0	0	0	0	125,000	125,000	0	0	0	0	0
WO176	WO17601	Mainframe Retirement	691,500	0	0	0	0	691,500	691,500	0	0	0	0	0
WO178	WO17801	MCSO Rugged Modems	120,000	0	0	0	0	120,000	120,000	0	0	0	0	0
WO180	WO18001	Information Technology Security	1,140,000	0	0	0	0	1,140,000	1,140,000	0	0	0	0	0
WO217	WO21701	Phone and Voicemail Replacement	900,000	0	0	0	0	900,000	0	0	0	0	0	900,000
WO218	WO21801	Infrastructure Replacement	300,000	0	0	0	0	300,000	300,000	0	0	0	0	0
WO303	WO30301	Countywide Computer Aided Dispatch	275,000	0	0	0	0	275,000	150,000	0	0	125,000	0	0
WO447	WO44701	CCFC Camera System	686,028	0	0	0	0	686,028	0	0	0	0	0	686,028
WO465	WO46501	Training Academy- Boiler System Heat/Cool	188,000	0	0	0	0	188,000	0	0	0	0	0	188,000
WO517	WO51715	WMC Roof Replacement	730,000	0	0	0	0	730,000	0	0	0	0	0	730,000
WO517	WO51716	WMC Asphalt Paving - North Parking Lot	580,000	0	0	0	0	580,000	0	0	0	0	0	580,000
WO517	WO51717	WMC Major Maint, Siding, Rails, Flashing	290,000	0	0	0	0	290,000	290,000	0	0	0	0	0
WO602	WO60201	Enterprise Platform Modernization	8,034,125	0	0	0	0	8,034,125	1,650,000	0	0	244,341	0	6,139,784
WO870	WO87001	County Special Assessments	100,000	0	0	0	0	100,000	100,000	0	0	0	0	0
WO948	WO94801	Asset and Work Order System	571,000	0	0	0	0	571,000	571,000	0	0	0	0	0
		Total Other Agencies	24,616,653	0	0	0	0	24,616,653	5,137,500	0	0	369,341	0	19,109,812
		Total GENERAL GOVERNMENT	31,240,105	0	0	0	0	31,240,105	6,693,500	0	0	369,341	0	24,177,264
		Grand Total 2017 Adopted Capital Improvements	103,480,850	35,732,695	1,668,625	0	37,401,320	66,079,530	6,843,500	1,968,487	6,300,000	1,475,000	8,344,625	41,147,918
		Total Excluding Airports	88,176,850	29,728,945	713,000	0	30,441,945	57,734,905	6,843,500	1,968,487	6,300,000	1,475,000	0	41,147,918

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

INTRODUCTION

2017 Capital Improvements Budget

The 2017 Capital Improvements Budget (Capital Budget) includes 71 separate sub-projects for a total expenditure appropriation of \$103,480,850. Anticipated reimbursement revenue (Federal, State and local grants) totals \$37,401,320 resulting in a net County financing of \$66,079,530.

Appropriations for 60 corporate purpose (non-airport) sub-projects total \$88,176,850. The resulting County financing of \$57,734,905 is to be financed by \$41,147,918 in general obligation bonds or notes, \$1,968,487 in vehicle registration fee revenue, \$6,843,500 in sales tax revenue, \$6,300,000 in private donations, and \$1,475,000 in tax levy.

Annual Bond Limit

The annual bond limit is defined by County Board file number 03-263, an annual bonding cap to which policy-makers have generally adhered (3% over the prior year’s Adopted bond base). The 2016 Adopted Capital Improvement Budget included bond financed projects in the amount of \$39,234,810. Based on this amount, the 2017 bonding cap is calculated at \$40,411,854.

The 2017 Capital Improvement Budget reflects a 4.9% increase over the 2016 bond base (\$39,234,810). As a result, the corporate purpose (non-airport) bonding amount of \$41,147,918 is \$736,064 above the 2017 bonding cap (\$40,411,854).

Year	Bond Financing		Budget OVER / (UNDER)	
	Bonding Cap	Budget	Bonding Cap:	
	\$		\$	%
2017	\$40,411,854	\$41,147,918	\$736,064	1.8%

Cash Financing – Vehicle Registration Fee

Milwaukee County is responsible for providing critical transportation related activities to its residents including mass transit service, roadway construction and maintenance (parkways and county trunk highways), and bridge maintenance. Historically, the County has relied heavily on federal and state funding, augmented by county tax levy funding for these activities. In recent years, federal and state funding for transportation related services is trending downward (on average), while county tax levy funding has increased simply to maintain service levels. In addition, the County has limited local revenue options that are available to fill the funding gap.

Taken together, the continued trend of downward federal and state funding combined with limited local funding options will significantly limit the County’s ability to fund investments in its transportation services and infrastructure. Status Quo funding will likely result in the County having to dramatically scale back capital investments and reduce programs.

In order to successfully address the challenge of negative County budget impacts resulting from decreased federal and state revenue and limited local funding options, the 2017 County Budgets (operating and capital) include the implementation of a County-wide Vehicle Registration Fee (VRF). For 2017, VRF revenue is projected to be approximately \$13.47 million (based on approximately 10 months of collected revenue). The 2017 Capital Improvement Budget includes \$1.97 million of VRF financed projects with the remaining revenue of \$11.5 million budgeted in the Milwaukee County Transit/Paratransit System budget. The 2017 Capital Improvement and Operating Budgets assume implementation of a vehicle registration fee (VRF).

For additional information, refer to the Budget Introduction section.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

2017 VRF Financed Capital Sub-Project(s)

Project		2017
Number	Project	Adopted Budget
WT08301	Bus Rapid Transit	1,968,487
TOTAL PROJECTED COUNTY COSTS:		1,968,487

Cash Financing

Beginning with the 1995 capital budget, the County established a cash-financing goal of 20 percent to be implemented over a ten-year period. This policy served to increase minimum cash financing by 2.0 percent annually. Net County financing included in the 2017 budget totals \$66,079,530, including the Airport. Cash needed to meet the 20 percent financing goal is calculated at \$13,215,906. The 2017 budgeted cash financing of \$24,931,612 represents 37.7 percent of net County financing. Excluding Airport projects, net County financing totals \$57,734,905. Cash needed to meet the 20 percent financing goal of non-airport projects is calculated at \$11,546,981. The 2017 budgeted cash financing of \$16,586,987 represents 28.7% percent of net County financing.

In 2017, a workgroup will be established to review potential changes to the County's capital financing policies relative to implementation of the vehicle registration fee.

	2017 Net County Contribution	Sales Tax		Vehicle	Private	PFC Revenue/ Airport Reserve	TOTAL CASH FINANCED	% Cash Financed
		Revenue	Tax Levy	Registration Fee				
All Projects, Including Airport:	\$66,079,530	\$6,843,500	\$1,475,000	\$1,968,487	\$6,300,000	\$8,344,625	\$24,931,612	37.7%
All Projects, Excluding Airport:	\$57,734,905	\$6,843,500	\$1,475,000	\$1,968,487	\$6,300,000	\$0	\$16,586,987	28.7%

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Capital Improvement Plan – Years 2018 through 2021

The projects included in year 2017 of the 2017 – 2021 Capital Improvement Plan (CIP) are funded with total appropriations of \$103.5 million dollars (\$37.4 million of County funding and \$66.1 million of federal/state funding). CIP years 2018 – 2021 are used for planning purposes and provide a listing of overall sub-projects and forecasted fiscal requirement 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, and sales tax 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).

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
Estimated County Financing:	\$52,977,944	\$56,204,301	\$56,204,301	\$57,890,430
*'18-'21 CIP (non-airport)				
Project REQs:	<u>\$148,338,737</u>	<u>\$116,634,263</u>	<u>\$113,571,211</u>	<u>\$148,593,933</u>
<i>(OVER) / UNDER Available County Financing:</i>	<i>(\$95,360,793)</i>	<i>(\$62,066,980)</i>	<i>(\$57,366,910)</i>	<i>(\$90,703,503)</i>

*REQ Projects that may be eligible for VRF funding:	\$24,740,945	\$21,947,000	\$25,448,000	\$22,441,000
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Capital Improvement Plan – Years 2018 through 2021 (Vehicle Registration Fee)

The prior table indicates a significant amount of capital need versus available county financing. The table also references sub-projects that may be funded through vehicle registration fee revenue. The next table on the proceeding page represents departmental capital sub-projects that may be eligible for vehicle registration funding.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

2018 – 2021 VRF (Eligible) Financed Capital Sub-Projects

Project Number	Project	2018 Projected Budget	2019 Projected Budget	2020 Projected Budget	2021 Projected Budget
#	Title				
WH01006	Reconstruct CTH "Y" Layton Avenue 27th to 43rd	80,000	228,000	638,000	0
WH01008	Reconstruct CTH "N" South 92nd Street	225,000	2,397,000	0	0
WH01014	N. Pt. Washington Rd.: Daphne to Good Hope	0	0	175,000	700,000
WH01016	Reconst. 13th: Drexel to Rawson	1,150,000	0	0	0
WH01022	Reconstruct, S. 13th St. Puetz to Drexel	110,000	60,000	900,000	0
WH01023	Reconstruct, S. 76th St., County Line to Puetz	100,000	125,000	125,000	2,760,000
WH02017	W. Layton Ave.- S. 76th St. to S. 60th St.	0	175,000	800,000	0
WH02018	W. Layton Ave. - S. 60th St. to W. Loomis Rd.	0	0	175,000	800,000
WH02019	N Teutonia Ave. (W. Good Hope to W. Bradley)	2,151,000	0	0	0
WH03014	W. Vienna Ave. - Menomonee River #771	0	0	0	174,000
WH09101	Short Term CTH Rehabilitation-Maint. Projects	500,000	500,000	500,000	500,000
WH09201	S. 76th St. & W. Layton Ave. Adapt Signal System	85,000	0	0	0
WH09401	W Rawson Ave Int w/ 10th St. & 6th St.	75,945	0	0	0
WH09501	W Rawson Ave- S. 27th St to S. 20th St.	45,000	25,000	540,000	0
WH09601	S.13th St.- W. Ryan Rd to W. Puetz Rd.	0	40,000	65,000	65,000
WH09701	E. North Ave Bridge over Oak Leaf Bike Trail	0	360,000	0	0
WH09801	S. 76th St. Bridge over Loomis Rd.	34,000	0	200,000	0
WH10001	S. 13th St. Bridge over Oak Creek	34,000	0	0	180,000
WH10101	N. Oakland Ave. Bridge over Oak Leaf Bike Trail	40,000	0	280,000	0
WH10201	S. 76th St. Bridge over W. Forest Home Ave.	34,000	0	200,000	0
WH10301	W. Good Hope Rd. #374 over Milwaukee River	0	30,000	0	0
WH10401	W. Good Hope Rd. #375 over Milwaukee River	0	30,000	0	0
WH24001	W Rawson (CTH BB) USH 45 to Hawthorne Ln	50,000	1,607,000	0	0
WT02601	New Flyer Buses	13,000,000	13,500,000	14,000,000	14,500,000
WT08301	Bus Rapid Transit	4,500,000	0	0	0
WP03904	Washington Park Bridge Replacements	950,000	0	0	0
WP26701	Oak Leaf Parkway- Oak Leaf Trail Program	0	0	0	130,000
WP27911	Lincoln Park Walkways	0	120,000	1,200,000	0
WP27940	Parks Walkways (2015-2018)	500,000	500,000	500,000	500,000
WP34201	Brown Deer Cross Country Trail Bridge	0	100,000	500,000	500,000
WP37301	Underwood Creek Multi-Use Trail (100th to 115th)	0	450,000	0	0
WP47301	Little Menomonee Rvr Prkwy- Appleton to Leona Te	170,000	1,700,000	0	0
WP49801	Underwood Creek Parkway Replacement	0	0	4,500,000	0
WP49901	Root River Pkwy Reconstruction	0	0	150,000	1,500,000
WP52301	Lark Park Steel Arch Bridge	907,000	0	0	0
WP52701	Honey Creek Pkwy Reconstruction	0	0	0	132,000
TOTAL PROJECTED COUNTY COSTS:		24,740,945	21,947,000	25,448,000	22,441,000

ESTIMATED VRF REVENUE RANGE(S): \$15.9 -- \$16.7 million annually

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

2017 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.

As part of the annual budget process wherein budget appropriations are received, non-airport sub-projects will be evaluated (see *2017 Capital Budget - Project Selection Process* section noted previously) and ranked in order to meet the available County financing.¹

2017 Expenditure Appropriations by Function

The 2017 Capital Improvements Budget includes appropriations of \$55.4 million for Transportation and Public Works. The amount represents 53.5 percent of total 2017 capital appropriations. The \$55.4 million in appropriations is offset with 67.5 percent in reimbursement revenues.

Major Transportation and Public Works projects include: WT08301 Bus Rapid Transit (\$21.3 million), WT02601 New Flyer Buses for Transit (\$7.5 million), WA22101 GMIA International Terminal Redevelopment (\$4.6 million), GMIA Connection Taxiways Modifications (\$3.2 million) and WH09001 West Ryan Road (CTH H) - S 96th St to S 112th St (\$1.5 million).

Budgeted appropriations for Parks, Recreation, and Culture departments total \$16.8 million. This amount represents 16.3 percent of the total capital budget. Major appropriations include WZ11901 African Plains Exhibit (\$8.6 million), WP48401 Lake Park Ravine Bridge (\$2.5 million), and WP29802 South Shore Improvement Phase 2 (\$1.2 million).

Budgeted appropriations for General Government departments total \$31.2 million. This amount represents 30.2 percent of the total capital budget. Major appropriations include WO60201 Enterprise Platform Modernization (\$8.0 million), WO03802 Marcus Center HVAC Upgrade (\$4.1 million), WO11201 Fleet General Equipment (\$2.8 million), Fleet Parks Equipment (\$2.1 million), WC06201 CJF-Building Roof Replacement (\$2.5 million) and WC05902 CH/ SB Main Feeder Replacements (\$1.7 million).

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 2017 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).

¹ 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).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

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 2017 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 percent of proceeds and actual and expected earnings
12 months	60 percent of proceeds and actual and expected earnings
18 months	100 percent of proceeds and actual earnings

Construction Issues:

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

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

DEBT AFFORDABILITY INDICATORS

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

A summary of selected debt affordability indicators is contained in the pages that follow.

Debt Service in Comparison to Sales Tax Revenue

Policy Goal:

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

Definition:

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

Trend Information:

Budget Year	Tax Supported Debt Service	County Sales and Use Tax Revenues	Surplus Sales Tax Revenues
2017	\$33,616,438	\$67,625,203	(\$34,008,765)
2018	\$53,021,419	\$69,180,583	(\$16,159,163)
2019	\$46,429,201	\$70,771,736	(\$24,342,535)
2020	\$47,338,862	\$72,399,486	(\$25,060,624)
2021	\$48,041,541	\$74,064,674	(\$26,023,133)
2022	\$51,911,414	\$75,768,162	(\$23,856,748)
2023	\$53,090,084	\$77,510,829	(\$24,420,745)
2024	\$41,559,058	\$79,293,578	(\$37,734,520)
2025	\$65,550,040	\$81,117,331	(\$15,567,290)
2026	\$55,887,774	\$82,983,029	(\$27,095,255)

Note:

The 2017 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 2017 Budget Org. Unit 1800 – Non-Departmental Revenues.

Budgeted revenues for the upcoming fiscal years are determined through the budget process. Revenues for 2017 are \$34,008,765 for the general fund purposes mentioned above.

**2017 ADOPTED CAPITAL IMPROVEMENTS
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 2017 totals \$24,931,612 and consists of \$1,968,487 in vehicle registration fee revenue, \$6,843,500 in sales tax revenue, \$6,300,000 in private donations, \$6,111,500 in Airport Reserves, \$2,233,125 in PFC revenue, and \$1,475,000 in tax levy. For the purpose of calculating the percentage of cash financing, all project costs financed by State, Federal or other local government agencies are excluded from project cost totals. The 2018 projection base assumes the previous 5-Year average percentage of bonds issued to fund capital projects and the 20% cash financing policy goal.

Trend Information:

Budget Year	Net County Capital Cost	Direct Cash Financing	Percent Cash Financing
2017	\$66,079,530	\$24,931,612	37.7%
2018	\$58,666,045	\$11,733,209	20.0%
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%

Note:

Beginning with the 1995 capital budget, the County established cash financing goals to be implemented over a ten-year period. This policy served to increase minimum cash financing by 2.0 percent annually. Since the 2004 Budget the goal has been 20 percent.

**2017 ADOPTED CAPITAL IMPROVEMENTS
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 2017-2026. Equalized property value includes the value of Tax Incremental Financing Districts (TIDs).

Trend Information:

Budget Year	Direct Debt	Equalized Value (Includes TID)	Direct Debt as a Percent of Value
2017	\$631,765,901	\$60,292,559,700	1.05%
2018	\$603,947,211	\$60,159,242,224	1.00%
2019	\$584,430,597	\$60,026,219,537	0.97%
2020	\$565,253,105	\$59,893,490,986	0.94%
2021	\$546,319,778	\$59,761,055,922	0.91%
2022	\$527,425,453	\$59,628,913,694	0.88%
2023	\$508,479,377	\$59,497,063,657	0.85%
2024	\$502,225,000	\$59,365,505,163	0.85%
2025	\$485,995,000	\$59,234,237,568	0.82%
2026	\$469,460,000	\$59,103,260,229	0.79%

**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 \$60.29 billion reflects the DOR's certification for August 15th, 2016 through August 14th, 2017.*

Equalized value projections (2018-2026) are based on the previous 5-Year DOR certified average.

**2017 ADOPTED CAPITAL IMPROVEMENTS
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 2016 Budget Year Direct Debt per Capita figure was \$690.

Trend Information:

Budget Year	Direct Debt	County Population	Direct Debt Per Capita
2017	\$631,765,901	948,929	\$666
2018	\$603,947,211	948,929	\$636
2019	\$584,430,597	948,929	\$616
2020	\$565,253,105	948,929	\$596
2021	\$546,319,778	948,929	\$576
2022	\$527,425,453	948,929	\$556
2023	\$508,479,377	948,929	\$536
2024	\$502,225,000	948,929	\$529
2025	\$485,995,000	948,929	\$512
2026	\$469,460,000	948,929	\$495

*Source: 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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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP)

An appropriation of \$959,730 is budgeted for the construction phase of the Highway Safety Improvement Program (HSIP). Financing for the HSIP project will be provided from \$452,389 in Federal revenue and \$507,341 in vehicle registration fee revenue, and are summarized in the table below.

HSIP Milwaukee County Project No.	HSIP WISDOT Project No.	HSIP Project Title	HSIP Total 2017 Budget	HSIP Total 2017 Federal Funding	HSIP Total 2017 Milwaukee County Funding
WH00119	2160-01-02/72	Intersection with S. 76 th St. (CTH U) and W. Rawson Ave. (CTH BB)	\$959,730	\$452,389	\$507,341
TOTAL:			\$959,730	\$452,389	\$507,341

WH00119 – Intersection of S. 76th St. (CTH U) and W. Rawson Ave. (CTH BB)
[WISDOT Project I.D. 2160-01-02/72]

An appropriation of \$959,730 is budgeted for the construction phase for the Intersection of S. 76th St. (CTH U) and W. Rawson Ave. (CTH BB) project in the Highway Safety Improvement Program (HSIP). Financing will be provided from \$452,389 in Federal revenue and \$507,341 in general obligation bonds.

2017 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. Increased traffic volumes and left turns at the intersection of S. 76th St. (CTH U) and W. Rawson Ave. (CTH BB) have contributed to a large number of crashes due to existing intersection geometrics, operations and traffic control.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2014 Adopted Capital Improvement Budget included an appropriation of \$106,181, including \$700 in net capitalized interest, for the design phase of the Intersection of S. 76th St. (CTH U) and W. Rawson Ave. (CTH BB) project in the Highway Safety Improvement Program (HSIP). Financing was provided from \$94,933 in Federal revenue and \$11,248 in general obligation bonds.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes offsetting the left turn lanes and installing overhead, per lane signal indications (monotubes) at the intersection, improving visibility and traffic signal progression/flow. Median openings and driveways will be evaluated for improvement in access control. Pavement marking and signage will be improved near the intersections to better direct drivers to their destination and therefore reduce side swipe crashes.

The Federal funding from the Wisconsin Department of Transportation (WISDOT) under the Highway Safety Improvement Program (HSIP) was approved and the State/Municipal Agreement executed in 2013 for the intersection of S. 76th St. (CTH U) and W. Rawson Ave. (CTH BB) project. The total estimated cost of the project is \$608,135, where the Federal funding is \$547,322 and the remaining \$60,814 is funded by Milwaukee County. The HSIP funding expires in 2017.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Of the WISDOT federal funding approved in 2013, the total estimated construction cost of the project is \$502,654, where the Federal funding is \$452,389 and the remaining \$50,265 is funded by Milwaukee County. Due to the increase in the construction costs related to temporary and permanent traffic signal equipment, ADA curb ramp/sidewalk installation, left turn offset construction, pedestrian safety measures and associated engineering and contingencies, an additional \$457,076 of Milwaukee County funding is required to complete the construction phase of the HSIP project for a total of \$507,341 in general obligation bonds.

2018 – 2021 Scope of Work:

None.

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

Staffing Plan

Overall, staff from MCDOT, Transportation Services, will perform the construction management and project management for the Highway Safety Improvement Program (HSIP) projects. Consultants may be used for some specialized components of the construction management as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WH001	Sub-Project No. WH00119	Sub-Project Title CTH U AND CTH BB INTERSECTION (2160-01-02)	4789-2010
Requesting Department or Agency DEPT OF TRANSP - HIGHWAY MAINTENANCE		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF TRANSPORTATION - HIGHWAYS		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (NON-AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$959,730	\$452,389	\$0	\$0	\$507,341
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$959,730	\$452,389	\$0	\$0	\$507,341

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$106,181	\$0	\$106,181
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$106,181	\$0	\$106,181

2017 Budget Year Financing	
Federal, State and Local Aids	\$452,389
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$507,341
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$959,730

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$104,500	\$0	\$0	\$104,500
Construction & Implementation	\$0	\$959,730	\$0	\$959,730
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$1,681	\$0	\$0	\$1,681
TOTAL	\$106,181	\$959,730	\$0	\$1,065,911

Sub-Project Schedule

Month/Year

Complete Site Acquisition	N/A
Complete Preliminary Plan	March-16
Complete Final Plans & Specs	August-16
Begin Construction/Purchase Asset	April-17
Construction Substantially Completed	August-17
Scheduled Project Closeout	August-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

CONGESTION MITIGATION & AIR QUALITY PROGRAM (CMAQ)

An appropriation of \$468,000 is budgeted for the construction phase of the Congestion Mitigation & Air Quality Program (CMAQ). Financing for the CMAQ project will be provided from \$374,400 in Federal revenue and \$93,600 in vehicle registration fee revenue, and are summarized in the table below.

CMAQ Milwaukee County Project No.	CMAQ WISDOT Project No.	CMAQ Project Title	CMAQ Total 2017 Budget	CMAQ Total 2017 Federal Funding	CMAQ Total 2017 Milwaukee County Funding
WH00206	2130-14-00/70	W. Good Hope Rd. (CTH PP) Adaptive Traffic Signal System	\$468,000	\$374,400	\$93,600
TOTAL:			\$468,000	\$374,400	\$93,600

**WH00206 – W. Good Hope Rd. (CTH PP) Corridor Adaptive Signal Control System
[WISDOT Project I.D. 2130-14-00/70]**

An appropriation of \$468,000 is budgeted for the construction phase for the W. Good Hope Rd. (CTH PP) Corridor Adaptive Signal Control System project in the Congestion Mitigation & Air Quality Program (CMAQ). Financing is provided from \$374,400 in Federal revenue and \$93,600 in tax levy.

2017 Sub-Project Addresses the following item/issue:

The sub-project addresses the need to improve the flow of traffic from one signalized intersection along W. Good Hope Rd. to the next, improving the overall Southeastern Wisconsin Traffic System Management.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2015 Adopted Capital Improvement Budget included an appropriation of \$108,000 for the design phase for the W. Good Hope Rd. (CTH PP) Corridor Adaptive Signal Control System project in the Congestion Mitigation & Air Quality Program (CMAQ). Financing was provided from \$86,400 in Federal revenue and \$21,600 in general obligation bonds.

2017 Sub-Project Scope of Work:

The overall sub-project scope of work is to model, select, implement and calibrate a traffic adaptive signal system on the 7-mile corridor of W. Good Hope Rd. (CTH PP) from USH 41/45 to IH 43. Intersection controller equipment replacement would be required and improved traffic signal software that allows for remote management of all Milwaukee County Traffic signals, including possible coordination improvements with other agencies that would also be required as part of one of the corridor projects.

The Federal funding from the Wisconsin Department of Transportation (WISDOT) under the Congestion Mitigation & Air Quality Program (CMAQ) was approved and the State/Municipal Agreement executed in 2014 for the W. Good Hope Rd. (CTH PP) Corridor Adaptive Signal Control System project. The total estimated cost of the project is \$576,000 where 80% is Federal funding \$460,800 and the remaining 20% \$115,200 funded by Milwaukee County. The CMAQ funding expires in 2018.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

2018 – 2021 Scope of Work:

None.

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

Staffing Plan

Overall, staff from MCDOT, Transportation Services, will perform the construction management and project management for the Congestion Mitigation & Air Quality Program (CMAQ) projects. Consultants may be used for some specialized components of the construction management as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WH002	Sub-Project No. WH00206	Sub-Project Title W. GOOD HOPE RD. CORRIDOR ADAPTIVE SIGNAL CONTRL	4789-2010
Requesting Department or Agency DEPT OF TRANSP - HIGHWAY MAINTENANCE		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF TRANSPORTATION - HIGHWAYS		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (NON-AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$468,000	\$374,400	\$0	\$0	\$93,600
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$468,000	\$374,400	\$0	\$0	\$93,600

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$108,000	\$0	\$108,000
2016*	\$0	\$0	\$0
TOTAL	\$108,000	\$0	\$108,000

2017 Budget Year Financing	
Federal, State and Local Aids	\$374,400
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$93,600
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$468,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$107,250	\$0	\$0	\$107,250
Construction & Implementation	\$0	\$468,000	\$0	\$468,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$750	\$0	\$0	\$750
TOTAL	\$108,000	\$468,000	\$0	\$576,000

Sub-Project Schedule

Month/Year

Complete Site Acquisition	N/A
Complete Preliminary Plan	May-17
Complete Final Plans & Specs	August-17
Begin Construction/Purchase Asset	October-17
Construction Substantially Completed	February-18
Scheduled Project Closeout	February-19

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

SURFACE TRANSPORTATION PROGRAM (STP)

An appropriation of \$1,400,000 is budgeted for the design and right-of-way phases of the Surface Transportation Program (STP). Financing for the STP projects will be provided from \$400,000 in Federal revenue and \$880,000 in vehicle registration fee revenue, and are summarized in the table below.

STP Milwaukee County Project No.	STP WISDOT Project No.	STP Project Title	STP Total 2017 Budget	STP Total 2017 Federal Funding	STP Total 2017 Milwaukee County Funding	STP Total 2017 Local Funding
WH01002	2216-01-00/20/70	W. Mill Rd. (CTH S)-N. 43rd St. to N. Sydney Pl.	\$750,000	\$0	\$750,000	\$0
WH01016	2505-00-03/23/73	S. 13 th St.(CTH V)-W. Drexel Ave. to W. Rawson Ave.	\$500,000	\$400,000	\$100,000	\$0
WH09501	Pending	W. Rawson Ave. (CTH BB)-S. 27 th St. to S. 20 th St.	\$150,000	\$120,000	\$30,000	\$0
TOTAL:			\$1,400,000	\$400,000	\$880,000	\$0

WH01002 – W. Mill Rd. (CTH S)-N. 43rd St. to N. Sydney Pl., City of Milwaukee
[WISDOT Project No. 2216-01-00/20/70]

An appropriation of \$750,000 is budgeted for the construction phase for W. Mill Rd. (CTH S) from N. 43rd St. to N. Sydney Pl. in the Surface Transportation Program (STP). Financing will be provided from \$750,000 in general obligation bonds.

2017 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.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2013 Adopted Capital improvements Budget included an appropriation of \$377,275 for the design phase of the W. Mill Rd. (CTH S) from N. 43rd St. to N. Sydney Pl. project in the Surface Transportation Program (STP). Financing was provided from \$301,820 in Federal revenue and \$75,455 in general obligation bonds.

The 2014 Adopted Capital improvements Budget included an appropriation of \$389,875, including \$5,100 in net capitalized interest, for the design and right-of-way acquisition phases of the W. Mill Rd. (CTH S) from N. 43rd St. to N. Sydney Pl. project in the Surface Transportation Program (STP). Financing was provided from \$307,820 in Federal revenue and \$82,055 in general obligation bonds.

The 2015 Adopted Capital improvements Budget included an appropriation of \$367,500 for the continuation and completion of the design and right-of-way phases of the W. Mill Rd. (CTH S) from N. 43rd St. to N. Sydney Pl. project in the Surface Transportation Program (STP). Financing was provided from \$294,000 in Federal revenue and \$73,500 in general obligation bonds.

The 2016 Adopted Capital improvements Budget included an appropriation of \$5,350,000 for the construction phase of the W. Mill Rd. (CTH S) from N. 43rd St. to N. Sydney Pl. project in the Surface Transportation Program (STP). Financing was provided from \$4,240,000 in Federal revenue, \$50,000 in Local revenue and \$1,060,000 in general obligation bonds.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

2017 Sub-Project Scope of Work:

The 2017 scope of work includes reconstructing a two-lane urban section for W. Mill Rd. (CTH S) from N. 43rd St. to N. Sydney Pl. (1.2 miles) and an auxiliary lane from N. 43rd St. to N. 40th St. and from N. Teutonia Ave. to N. Sydney Pl. From N. 40th St. to N. Teutonia Ave. the roadway will be reconstructed to a two-lane rural section with paved shoulders. The design and right-of-way phases are complete and the construction phase is to begin in 2016.

The W. Mill Rd. (CTH S) from N. 43rd St. to N. Sydney Pl. project is funded under the Wisconsin Department of Transportation (WISDOT) Surface Transportation Program (STP). In 2012, the State/Municipal Agreement (SMA) was amended to include the additional design and right-of-way costs of extending the limits of W. Mill Rd. (CTH S) from N. Teutonia Ave. to N. Sydney Pl. with estimated costs for design and right-of-way are \$1,650,000, where 80% is the Federal share \$1,320,000 and the remaining 20% \$330,000 is the Milwaukee County share. The project design and right-of-way has a Federal funding maximum of \$1,320,000. In 2014, the Federal funding for the construction of W. Mill Rd. (CTH S) was approved and a revised SMA executed for an amount of \$5,300,000, where 80% is the Federal share \$4,240,000 and the remaining 20% \$1,060,000 is the Milwaukee County share. The total Federal funding for all project phases is \$5,560,000 with a Milwaukee County match of \$1,390,000 and \$50,000 local share for a total estimated project cost for all phases of \$7,000,000. The STP funding expires in 2020.

In order to adequately address the contaminated soils on W. Mill Rd. (CTH S), an additional \$750,000 of Milwaukee County funding is required to complete the construction of this STP project. The additional costs will cover the excavation, evaluating, loading, hauling, disposal, remediation and management of contaminated soils and replacement thereof as required by Wisconsin Department of Natural Resources (WDNR).

2018 – 2021 Scope of Work:

None.

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

WH01016 – S. 13th St. (CTH V)-W. Drexel Ave. to W. Rawson Ave., City of Oak Creek **[WISDOT Project No. 2505-00-03/23/73]**

An appropriation of \$500,000 is budgeted for the continuation of the design and right-of-way acquisition phases for S. 13th St. (CTH V) from W. Drexel Ave. to W. Rawson Ave. in the Surface Transportation Program (STP). Financing will be provided from \$400,000 in Federal revenue and \$100,000 in general obligation bonds.

2017 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.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2015 Adopted Capital Improvements Budget included an appropriation of \$400,000 for the start of the design and right-of-way phases of the S. 13th St. (CTH V) from W. Drexel Ave. to W. Rawson Ave. project in the Surface Transportation Program (STP). Financing was provided from \$320,000 in Federal revenue and \$80,000 in general obligation bonds.

The 2016 Adopted Capital Improvements Budget included an appropriation of \$500,000 for the continuation of the design and right-of-way acquisition phases for S. 13th St. (CTH V) from W. Drexel Ave. to W. Rawson Ave. project

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

in the Surface Transportation Program (STP). Financing was provided from \$400,000 in Federal revenue and \$100,000 in general obligation bonds.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes the reconstruction of a one mile segment of S. 13th St. (CTH V) from W. Drexel Ave. to W. Rawson Ave. Planned reconstruction consists of an urban and rural combination section with bicycle and pedestrian accommodations. In the 2017, the design and right-of-way phases will continue.

The Federal funding from the Wisconsin Department of Transportation (WISDOT) under the Surface Transportation Program (STP) was approved and the State/Municipal Agreement executed in 2014 for the S. 13th St. (CTH V) from W. Drexel Ave. to W. Rawson Ave. project. The total estimated cost of the project is \$7,200,000 where it would provide 80% for the Federal share \$5,720,000, 20% \$1,430,000 for the Milwaukee County share and \$50,000 for the local share.

Upon approval by Southeast Wisconsin Planning Commission (SEWRPC), it is anticipated that there will be Federal funding available from the S. 13th St. (CTH V) from W. Drexel Ave. to W. Rawson Ave. project to be transferred to Project WH09501, W. Rawson Ave. (CTH BB) from S. 27th St. to S. 20th St. due to the reduction of scope from a roadway expansion to a roadway reconstruct. The reduction of scope is due to the decreased traffic on S. 13th St. (CTH V) caused by the recent construction of the W. Drexel Ave. interchange.

2018 – 2022 Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of \$5,800,000 that are necessary to complete the work on the S. 13th St. (CTH V) from W. Drexel Ave. to W. Rawson Ave. project. Financing is anticipated to be provided from \$4,600,000 in Federal revenue, \$1,150,000 in County funding, and \$50,000 in Local revenue.

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

WH09501 – W. Rawson Ave. (CTH BB)-S. 27th St. to S. 20th St., City of Oak Creek **[WISDOT Project No. Pending]**

An appropriation of \$150,000 is budgeted for the start of the design phase for W. Rawson Ave. (CTH BB) from S. 27th St. to S. 20th St. in the Surface Transportation Program (STP). Financing will be provided from \$120,000 in Federal revenue and \$30,000 in general obligation bonds.

2017 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.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes the reconstruction of a 0.5 mile segment of W. Rawson Ave. (CTH BB) from S. 27th St. to S. 20th St. The planned reconstruction includes consideration for bicycle and pedestrian accommodations. In the 2017, the design phase is intended to start.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

In 2015, MCDOT had applied for funding from the Wisconsin Department of Transportation (WISDOT) under the Surface Transportation Program (STP) for the W. Rawson Ave. (CTH BB) from S. 27th St. to S. 20th St. project. Although MCDOT did not receive full STP funding in 2015, it is anticipated that enough funding to begin the design will be available to start in 2016. The total estimated cost of the project is \$3,200,000 where if the STP funding is approved it would provide 80% Federal funding \$2,560,000 and the remaining 20% \$640,000 funded by Milwaukee County.

Upon approval by Southeast Wisconsin Planning Commission (SEWRPC), it is anticipated that there will be Federal funding available for the W. Rawson Ave. (CTH BB) from S. 27th St. to S. 20th St. project from a transfer of remaining Federal funding from Project WH01016, S. 13th St. (CTH V) from W. Drexel Ave. to W. Rawson Ave. project. The project is contingent on receiving approval from SEWRPC of the Federal funding to begin the design of the project and the respective construction funding in the next STP funding cycle.

2018 – 2022 Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of \$3,050,000 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 \$2,440,000 in Federal revenue and \$610,000 in County funding.

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

Staffing Plan

Overall, staff from MCDOT, Transportation Services, will perform the design and project management for the Surface Transportation Program (STP) projects. Consultants may be used for some specialized components of the design and construction management as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WH010	Sub-Project No. WH01002	Sub-Project Title MILL RD. 43RD ST. TO SYDNEY PL.	4789-2010
Requesting Department or Agency DEPT OF TRANSP - HIGHWAY MAINTENANCE		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF TRANSPORTATION - HIGHWAYS		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (NON-AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$750,000	\$0	\$0	\$0	\$750,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$750,000	\$0	\$0	\$0	\$750,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$377,275	\$0	\$377,275
2014	\$389,875	\$0	\$389,875
2015	\$367,500	\$27,233	\$394,733
2016*	\$5,350,000	\$0	\$5,350,000
TOTAL	\$6,484,650	\$18,500	\$6,511,883

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$750,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$750,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$781,450	\$0	\$0	\$781,450
Construction & Implementation	\$5,350,000	\$750,000	\$0	\$6,100,000
Right-of-Way Acquisition	\$380,433	\$0	\$0	\$380,433
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$6,511,883	\$750,000	\$0	\$7,261,883

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	February-16
Complete Preliminary Plan	May-15
Complete Final Plans & Specs	February-16
Begin Construction/Purchase Asset	June-16
Construction Substantially Completed	October-17
Scheduled Project Closeout	October-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WH010	Sub-Project No. WH01016	Sub-Project Title RECONST. 13TH: DREXEL TO RAWSON	4789-2010
Requesting Department or Agency DEPT OF TRANSP - HIGHWAY MAINTENANCE		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF TRANSPORTATION - HIGHWAYS		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (NON-AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$500,000	\$400,000	\$0	\$0	\$100,000
2018	\$5,800,000	\$4,600,000	\$0	\$50,000	\$1,150,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$6,300,000	\$5,000,000	\$0	\$50,000	\$1,250,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$400,000	\$0	\$400,000
2016*	\$500,000	\$0	\$500,000
TOTAL	\$900,000	\$0	\$900,000

2017 Budget Year Financing	
Federal, State and Local Aids	\$400,000
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$100,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$500,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$649,250	\$250,000	\$300,000	\$1,199,250
Construction & Implementation	\$0	\$0	\$5,500,000	\$5,500,000
Right-of-Way Acquisition	\$250,000	\$250,000	\$0	\$500,000
Equipment	\$0	\$0	\$0	\$0
Other	\$750	\$0	\$0	\$750
TOTAL	\$900,000	\$500,000	\$5,800,000	\$7,200,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	August-17
Complete Preliminary Plan	June-16
Complete Final Plans & Specs	August-17
Begin Construction/Purchase Asset	April-18
Construction Substantially Completed	November-18
Scheduled Project Closeout	November-19

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WH095	Sub-Project No. WH09501	Sub-Project Title W RAWSON AVE- S. 27TH ST TO S. 20TH ST.	4789-2010
Requesting Department or Agency DEPT OF TRANSP - HIGHWAY MAINTENANCE		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF TRANSPORTATION - HIGHWAYS		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (NON-AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$150,000	\$120,000	\$0	\$0	\$30,000
2018	\$225,000	\$180,000	\$0	\$0	\$45,000
2019	\$125,000	\$100,000	\$0	\$0	\$25,000
2020	\$2,700,000	\$2,160,000	\$0	\$0	\$540,000
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$3,200,000	\$2,560,000	\$0	\$0	\$640,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$120,000
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$30,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$150,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$150,000	\$250,000	\$400,000
Construction & Implementation	\$0	\$0	\$2,700,000	\$2,700,000
Right-of-Way Acquisition	\$0	\$0	\$100,000	\$100,000
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$0	\$150,000	\$3,050,000	\$3,200,000

Sub-Project Schedule

Month/Year

Complete Site Acquisition	August-19
Complete Preliminary Plan	May-18
Complete Final Plans & Specs	August-19
Begin Construction/Purchase Asset	April-20
Construction Substantially Completed	October-20
Scheduled Project Closeout	October-21

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

COUNTY HIGHWAY IMPROVEMENT PROGRAM (CHIP)

An appropriation of \$1,640,000 is budgeted for the design, right-of-way and construction phases of the County Highway Improvement Program (CHIP). Financing for the CHIP projects will be provided from \$713,000 in State revenue and \$927,000 in tax levy and general obligation bonds and are summarized in the table below.

CHIP Milwaukee County Project No.	CHIP WISDOT Project No.	CHIP Project Title	CHIP Total 2017 Budget	CHIP Total 2017 State Funding	CHIP Total 2017 Milwaukee County Funding	CHIP Total 2017 Local Funding
WH02019	N/A	N. Teutonia Ave. (CTH D)-Good Hope Rd. to Bradley Rd.,	\$100,000	\$0	\$100,000	\$0
WH09001	N/A	W. Ryan Rd. (CTH H)-S. 96 th St. to S. 112 th St.	\$1,540,000	\$713,000	\$827,000	\$0
TOTAL:			\$1,640,000	\$713,000	\$927,000	\$0

WH02019 – N. Teutonia Ave. (CTH D)-Good Hope Rd. to Bradley Rd., City of Milwaukee and Village of Brown Deer [WISDOT Project No. N/A]

An appropriation of \$100,000 is budgeted for the design 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). Financing will be provided from \$100,000 in tax levy.

2017 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.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The N. Teutonia Ave. (CTH D) from W. Good Hope Rd. to W. Bradley Rd. project is funded under the Wisconsin Department of Transportation (WISDOT) County Highway Improvement Program (CHIP). In 2014, the State/Municipal Agreement for the N. Teutonia Ave. (CTH D) from W. Good Hope Rd. to W. Bradley Rd. project was approved by WISDOT where up to 50% of eligible project costs are reimbursed by WISDOT. The maximum WISDOT funding reimbursement is \$1,418,669.57 and expires on June 30, 2019.

The 2015 Adopted Capital improvements Budget included an appropriation of \$325,000 for the design and right-of-way acquisition phases for the N. Teutonia Ave. (CTH D) project from W. Good Hope Rd. to W. Bradley Rd. in the County Highway Improvement Program (CHIP). Financing was provided from \$68,750 in State revenue and \$256,250 in general obligation bonds.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes rehabilitating and overlaying N. Teutonia Ave. (CTH D) from W. Good Hope Rd. to W. Bradley Rd. with hot mix asphalt pavement, including other minor drainage and safety improvements.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

2018 – 2022 Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of \$3,500,000 that are necessary to complete the work on the project. Financing is anticipated to be provided from \$1,349,000 in State revenue and \$2,151,000 in County funding.

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

WH09001 – W. Ryan Rd. (CTH H)-S. 96th St. to S. 112th St., City of Franklin
[WISDOT Project No. N/A]

An appropriation of \$1,540,000 is budgeted for the design and construction phases for the W. Ryan Rd. (CTH H) project from S. 96th St. to S. 112th St. in the County Highway Improvement Program (CHIP). Financing will be provided from \$713,000 in State revenue and \$827,000 in general obligation bonds.

2017 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 and inadequate drainage system.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2015 Adopted Capital improvements Budget included an appropriation of \$90,000 for the start of the design and right-of-way phases of the W. Ryan Rd. (CTH H) from S. 96th St. to S. 112th St. project in the County Highway Improvement Program (CHIP). Financing was provided from \$20,625 in State revenue and \$69,375 in general obligation bonds.

The 2016 Adopted Capital improvements Budget included an appropriation of \$90,000 for the continuation of the design and right-of-way phases of the W. Ryan Rd. (CTH H) from S. 96th St. to S. 112th St. project in the County Highway Improvement Program (CHIP). Financing was provided from \$20,625 in State revenue and \$69,375 in general obligation bonds.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes a pavement replacement with hot mix asphalt pavement, including shoulder paving, minor drainage and safety improvements.

The W. Ryan Rd. (CTH H) from S. 96th St. to S. 112th St. project is funded under the Wisconsin Department of Transportation (WISDOT) County Highway Improvement Program (CHIP). In 2014, the State/Municipal Agreement for the W. Ryan Rd. (CTH H) project from S. 96th St. to S. 112th St. project was approved by WISDOT where up to 50% of eligible project costs are reimbursed by WISDOT. The maximum CHIP funding reimbursement is \$755,106.76 and expires in June 30, 2019.

2018 – 2021 Scope of Work:

None.

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

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WH020	Sub-Project No. WH02019	Sub-Project Title N TEUTONIA AVE. (W. GOOD HOPE TO W. BRADLEY)	4789-2010
Requesting Department or Agency DEPT OF TRANSP - HIGHWAY MAINTENANCE		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF TRANSPORTATION - HIGHWAYS		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (NON-AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$100,000	\$0	\$0	\$0	\$100,000
2018	\$3,500,000	\$0	\$1,349,000	\$0	\$2,151,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$3,600,000	\$0	\$1,349,000	\$0	\$2,251,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$325,000	\$0	\$325,000
2016*	\$0	\$0	\$0
TOTAL	\$325,000	\$0	\$325,000

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$100,000
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$100,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$274,250	\$100,000	\$0	\$374,250
Construction & Implementation	\$0	\$0	\$3,500,000	\$3,500,000
Right-of-Way Acquisition	\$50,000	\$0	\$0	\$50,000
Equipment	\$0	\$0	\$0	\$0
Other	\$750	\$0	\$0	\$750
TOTAL	\$325,000	\$100,000	\$3,500,000	\$3,925,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	February-18
Complete Preliminary Plan	October-16
Complete Final Plans & Specs	February-18
Begin Construction/Purchase Asset	April-18
Construction Substantially Completed	November-18
Scheduled Project Closeout	June-19

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WH090	Sub-Project No. WH09001	Sub-Project Title WEST RYAN ROAD (CTH H) - S 96TH ST TO S 112TH ST	4789-2010
Requesting Department or Agency DEPT OF TRANSP - HIGHWAY MAINTENANCE		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF TRANSPORTATION - HIGHWAYS		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (NON-AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$1,540,000	\$0	\$713,000	\$0	\$827,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,540,000	\$0	\$713,000	\$0	\$827,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$90,000	\$0	\$90,000
2016*	\$90,000	\$0	\$90,000
TOTAL	\$180,000	\$0	\$180,000

2017 Budget Year Financing	
Federal, State and Local Aids	\$713,000
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$827,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$1,540,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$165,000	\$40,000	\$0	\$205,000
Construction & Implementation	\$0	\$1,500,000	\$0	\$1,500,000
Right-of-Way Acquisition	\$15,000	\$0	\$0	\$15,000
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$180,000	\$1,540,000	\$0	\$1,720,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	September-16
Complete Final Plans & Specs	February-17
Begin Construction/Purchase Asset	April-17
Construction Substantially Completed	October-17
Scheduled Project Closeout	June-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

LOCAL BRIDGE PROGRAM (LBP)

An appropriation of \$1,234,215 is budgeted for the construction phase of the Local Bridge Program (LBP). Financing for the LBP projects will be provided from \$822,156 in Federal revenue and \$412,059 in vehicle registration fee revenue, and are summarized in the table below.

LBP Milwaukee County Project No.	LBP WISDOT Project No.	LBP Project Title	LBP Total 2017 Budget	LBP Total 2017 Federal Funding	LBP Total 2017 Milwaukee County Funding	LBP Total 2017 Local Funding
WH08023	2981-00-03/73	Whitnall Park Bridge #564	\$589,390	\$388,283	\$201,107	\$0
WH08024	2981-00-04/74	Whitnall Park Bridge #565	\$644,825	\$433,873	\$210,952	\$0
TOTAL:			\$1,234,215	\$822,156	\$412,059	\$0

**WH08023 – Whitnall Park Bridge #564, Village of Hales Corners
[WISDOT Project I.D. 2981-00-03/73]**

An appropriation of \$589,390 is budgeted for the construction phase for the Whitnall Park Bridge #564 in the Local Bridge Program (LBP). Financing will be provided from \$388,283 in Federal revenue and \$201,107 in tax levy.

2017 Sub-Project Addresses the following item/issue:

The sub-project addresses the need to improve the most seriously deficient existing local bridges to maintain safe infrastructure. Bridges are rated based on a federal bridge rating methodology (scale from 0-100), which is designed to measure the relative adequacy of a bridge in terms of structural and safety aspects, serviceability and functional obsolescence, and suitability for public use. The bridge has a sufficiency number of 56.5 and is functionally obsolete. Its concrete spalled and deteriorated. Its railing is substandard and its geometry require improvements.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2014 Adopted Capital improvements Budget included an appropriation of \$101,400, including \$1,400 in net capitalized interest, for the design phase for the Whitnall Park Bridge #564 project in the Local Bridge Program (LBP). Financing was provided from \$80,000 in Federal revenue and \$21,400 in general obligation bonds.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes the rehabilitation of bridge P-40-0564, the Historic Whitnall Park Drive Bridge over a branch of the Root River and is located 0.2 miles east of USH 45 in the Village of Hales Corners. It is a single span earth filled concrete Arch Culvert with stone façade and timber railing that was built in 1933.

The Federal funding from the Wisconsin Department of Transportation (WISDOT) under the Local Bridge Program (LBP) was approved and the State/Municipal Agreement executed in 2014 for the Whitnall Park Bridge #565 project. The total estimated cost of the project is \$586,354 where it would provide 80% for the Federal share \$468,283, 20% \$118,071 for the Milwaukee County share.

Due to the historic nature of the bridge, an additional \$104,436 of Milwaukee County funds for construction is required to adequately rehabilitate the historic features.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

2018 – 2021 Scope of Work:

None.

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

WH08024 – Whitnall Park Bridge #565, Village of Hales Corners
[WISDOT Project I.D. 2981-00-04/74]

An appropriation of \$644,825 is budgeted for the construction phase for the Whitnall Park Bridge #565 in the Local Bridge Program (LBP). Financing will be provided from \$433,873 in Federal revenue and \$210,952 in tax levy.

2017 Sub-Project Addresses the following item/issue:

The sub-project addresses the need to improve the most seriously deficient existing local bridges to maintain safe infrastructure. Bridges are rated based on a federal bridge rating methodology (scale from 0-100), which is designed to measure the relative adequacy of a bridge in terms of structural and safety aspects, serviceability and functional obsolescence, and suitability for public use. The bridge has a sufficiency number of 56.5 and is functionally obsolete. Its concrete spalled and deteriorated. Its railing is substandard and its geometry require improvements.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2014 Adopted Capital improvements Budget included an appropriation of \$101,400, including \$1,400 in net capitalized interest, for the design phase for the Whitnall Park Bridge #565 project in the Local Bridge Program (LBP). Financing was provided from \$80,000 in Federal revenue and \$21,400 in general obligation bonds.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes the rehabilitation of bridge P-40-0565, the Historic Whitnall Park Drive Bridge over a branch of the Root River and is located 0.2 miles east of USH 45 in the Village of Hales Corners. It is a single span earth filled concrete Arch Culvert with stone façade and timber railing that was built in 1933.

The Federal funding from the Wisconsin Department of Transportation (WISDOT) under the Local Bridge Program (LBP) was approved and the State/Municipal Agreement executed in 2014 for the Whitnall Park Bridge #564 project. The total estimated cost of the project is \$643,341 where it would provide 80% for the Federal share \$513,873, 20% \$129,468 for the Milwaukee County share.

Due to the historic nature of the bridge, an additional \$102,884 of Milwaukee County funds for construction is required to adequately rehabilitate the historic features.

2018 – 2021 Scope of Work:

None.

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

Staffing Plan

Overall, staff from MCDOT, Transportation Services, will perform the project management for the Local Bridge Program (LBP) projects. Consultants will be used for components of construction management.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WH080	Sub-Project No. WH08023	Sub-Project Title WHITNALL PARK BRIDGE #564	4789-2010
Requesting Department or Agency DEPT OF TRANSP - HIGHWAY MAINTENANCE		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF TRANSPORTATION - HIGHWAYS		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (NON-AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$589,390	\$388,283	\$0	\$0	\$201,107
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$589,390	\$388,283	\$0	\$0	\$201,107

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$101,400	\$0	\$101,400
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$101,400	\$0	\$101,400

2017 Budget Year Financing	
Federal, State and Local Aids	\$388,283
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$201,107
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$589,390

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$98,500	\$0	\$0	\$98,500
Construction & Implementation	\$0	\$589,390	\$0	\$589,390
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$2,900	\$0	\$0	\$2,900
TOTAL	\$101,400	\$589,390	\$0	\$690,790

Sub-Project Schedule

Month/Year

Complete Site Acquisition	N/A
Complete Preliminary Plan	January-16
Complete Final Plans & Specs	November-16
Begin Construction/Purchase Asset	June-17
Construction Substantially Completed	October-17
Scheduled Project Closeout	October-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WH080	Sub-Project No. WH08024	Sub-Project Title WHITNALL PARK BRIDGE #565	4789-2010
Requesting Department or Agency DEPT OF TRANSP - HIGHWAY MAINTENANCE		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF TRANSPORTATION - HIGHWAYS		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (NON-AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$644,825	\$433,873	\$0	\$0	\$210,952
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$644,825	\$433,873	\$0	\$0	\$210,952

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$101,400	\$0	\$101,400
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$101,400	\$0	\$101,400

2017 Budget Year Financing	
Federal, State and Local Aids	\$433,873
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$210,952
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$644,825

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$98,500	\$0	\$0	\$98,500
Construction & Implementation	\$0	\$644,825	\$0	\$644,825
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$2,900	\$0	\$0	\$2,900
TOTAL	\$101,400	\$644,825	\$0	\$746,225

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	N/A
Complete Preliminary Plan	January-16
Complete Final Plans & Specs	November-16
Begin Construction/Purchase Asset	June-17
Construction Substantially Completed	October-17
Scheduled Project Closeout	October-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

HIGHWAY SHORT-TERM CAPITAL PROGRAM (HSTCP)

An appropriation of \$500,000 is budgeted for the design and construction phases of the Highway Short-Term Capital Program (HSTCP). Financing will be provided from tax levy and is summarized in the table below.

HSTCP Milwaukee County Project No.	HSTCP Project Title	HSTCP Total 2017 Budget	HSTCP Total 2017 Milwaukee County Bonds	HSTCP Total 2017 Milwaukee County Funding
WH09101	Short Term CTH Rehabilitation Projects	\$500,000	\$0	\$500,000
TOTAL:		\$500,000	\$0	\$500,000

WH09101 – Short Term CTH Rehabilitation Projects

An appropriation of \$500,000 is budgeted for the design and construction phases for Short Term County Trunk Highway (CTH) Rehabilitation Projects. Financing will be provided from \$500,000 in tax levy.

2017 Sub-Project Addresses the following item/issue:

The sub-project addresses the immediate significant need of short term rehabilitation of a number of CTHs to provide limited preservation until additional Federal or State funding becomes available to complete a longer term significant improvement project. The continued patching/spot maintenance activities performed by the Highway Maintenance Department on these CTHs are not sufficient to safely maintain these roadways.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2015 Adopted Capital improvements Budget included an appropriation of \$400,000 for the design and construction phases of the Short Term CTH Rehabilitation Project. Financing was provided from general obligation bonds.

The 2016 Adopted Capital Improvements Budget included an appropriation of \$450,000 for the design and construction phases of the Short Term CTH Rehabilitation Project. Financing was provided from sales tax revenue.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes milling down the existing roadway and replacing it with an asphalt overlay. The program will not include any patching of the roadway areas. In the 2016, both the design and construction phases will take place.

The Short Term CTH Rehabilitation Project(s) under this program span the gap between routine maintenance and improvement projects and are not intended to upgrade or improve the CTH long term. Since these project(s) are short-term, this will allow time to obtain potential grant funding with County matching funds for improvement projects and most importantly keep roadways safe. These projects are short term improvements to extend the life of the pavement between 3-7 years until grant funding is available.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

The Director of Transportation will report to the Committee on Transportation, Public Works, and Transit on any Short Term CTH Rehabilitation Project that receives WH09101 funding and the estimated amount of funding that will remain in the WH09101 allocation after the project's completion. The Director of Transportation will submit a report to the Committee on Transportation, Public Works, and Transit one month following the initiation of a rehabilitation project.

2018 – 2021 Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of \$2,000,000 that are necessary to safely maintain our CTH system. Financing is anticipated to be provided from sales tax revenue.

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

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WH091	Sub-Project No. WH09101	Sub-Project Title SHORT TERM CTH REHABILITATION-MAINT. PROJECTS	4789-2010
Requesting Department or Agency DEPT OF TRANSP - HIGHWAY MAINTENANCE		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF TRANSPORTATION - HIGHWAYS		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (NON-AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$500,000	\$0	\$0	\$0	\$500,000
2018	\$500,000	\$0	\$0	\$0	\$500,000
2019	\$500,000	\$0	\$0	\$0	\$500,000
2020	\$500,000	\$0	\$0	\$0	\$500,000
2021	\$500,000	\$0	\$0	\$0	\$500,000
TOTAL	\$2,500,000	\$0	\$0	\$0	\$2,500,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016)¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$400,000	\$0	\$400,000
2016*	\$450,000	\$0	\$450,000
TOTAL	\$850,000	\$0	\$850,000

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$500,000
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$500,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$60,000	\$30,000	\$120,000	\$210,000
Construction & Implementation	\$790,000	\$470,000	\$1,880,000	\$3,140,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$850,000	\$500,000	\$2,000,000	\$3,350,000

Sub-Project Schedule

Month/Year

Complete Site Acquisition	N/A
Complete Preliminary Plan	May-17
Complete Final Plans & Specs	June-17
Begin Construction/Purchase Asset	July-17
Construction Substantially Completed	October-17
Scheduled Project Closeout	February-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WO87001 – COUNTY SPECIAL ASSESSMENTS

An appropriation of \$100,000 is budgeted for review, verification and payment of special assessments levied on the County by local municipalities for improvements to streets, sidewalks and etc. adjacent to abutting County lands or facilities. Financing is provided from sales tax revenue.

2017 Sub-Project Addresses the following item/issue:

The sub-project addresses the need to comply with payment of special assessments set forth in Wisconsin Statutes §66.07.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes review, verification and payment of special assessments levied on the County by local municipalities for improvements to streets, sidewalks and etc. adjacent to abutting County lands or facilities.

The current funds available for complying with Wisconsin Statutes §66.07 are depleting and may become an issue in the near future if funds are not made available for payment of County special assessments.

2018 – 2021 Scope of Work:

None.

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

Staffing Plan

Overall, staff from MCDOT, Transportation Services, will perform the management and oversight.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WO870	Sub-Project No. WO87001	Sub-Project Title COUNTY SPECIAL ASSESSMENTS	4789-2010
Requesting Department or Agency DEPT OF TRANSP - HIGHWAY MAINTENANCE		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF TRANSPORTATION - HIGHWAYS		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (NON-AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$100,000	\$0	\$0	\$0	\$100,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$100,000	\$0	\$0	\$0	\$100,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$250,000	\$0	\$250,000
2013	\$250,000	(\$215,548)	\$24,452
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$500,000	(\$215,548)	\$284,452

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$100,000
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$100,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$284,452	\$100,000	\$0	\$100,000
TOTAL	\$0	\$100,000	\$0	\$384,452

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	N/A
Construction Substantially Completed	N/A
Scheduled Project Closeout	N/A

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WH22801– NORTH SHOP IMPROVEMENTS

An appropriation of \$325,000 is budgeted for the replacement of the existing North Highway Maintenance Facility. Financing is provided from \$325,000 in general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

The existing facility is inadequate to service the array of County highway maintenance vehicles and equipment. The current facility located at 6270 N Hopkins built in 1928 is structurally deficient, lacks proper ventilation of exhaust from equipment, has inadequate storage (current garage does not allow for parking of trucks with plow attachments due to the aisle/garage size) and has not been updated to account for necessary current staff accommodations.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

Phase I: Design-

This project will replace the existing North Highway Maintenance Facility. The existing facility has deteriorated and developed structural deficiencies. Construction documents were developed in 1999 for a new maintenance facility. Although these documents are 95% complete, the design will need to be revisited to address any program changes and to insure compliance with current codes and ordinances. Phase I would include programming and schematic plan design.

2018 – 2021 Scope of Work:

Phase II: Bid and Construction-

Phase II will address completion of the construction documents, bidding and construction of the facility in 2019. The 2001 estimate of probable construction cost was \$4,426,076.00. Utilizing historical cost data multipliers, the 2018 estimate of probable construction cost is projected to be approximately \$8,300,000 for the same 1999 design.

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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WH228	Sub-Project No. WH22801	Sub-Project Title NORTH SHOP IMPROVEMENTS	4789-2010
Requesting Department or Agency DEPT OF TRANSP - HIGHWAY MAINTENANCE		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY_NEW CONSTRUCTION	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$325,000	\$0	\$0	\$0	\$325,000
2018	\$8,300,000	\$0	\$0	\$0	\$8,300,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$8,625,000	\$0	\$0	\$0	\$8,625,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$325,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$325,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$325,000	\$0	\$325,000
Construction & Implementation	\$0	\$0	\$8,300,000	\$8,300,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$0	\$325,000	\$8,300,000	\$8,625,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	December-17
Complete Preliminary Plan	December-99
Complete Final Plans & Specs	December-17
Begin Construction/Purchase Asset	January-18
Construction Substantially Completed	June-20
Scheduled Project Closeout	June-21

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

SECTION 2
MASS TRANSIT

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WT02601 – NEW FLYER BUSES

An appropriation of \$7,500,000 is budgeted for the purchase of fifteen 40-foot replacement buses for the Milwaukee County Transit System. Financing is provided from \$1,700,000 in general obligation bonds, \$3,200,000 in federal Surface Transportation Program (STP) funds and \$2,600,000 in Federal Section 5339 funds.

2017 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.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2016 Adopted Capital Improvement Budget included an appropriation of \$14,450,000 for the replacement of 30 forty-foot buses and spare parts for the Milwaukee County Transit System.

2017 Sub-Project Scope of Work:

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. In March of 2015, Milwaukee County entered into a Master Price Agreement with New Flyer of America for the purchase of up to 75 buses by April 1, 2017. By year-end 2016, 58 buses will have been ordered and received, meaning up to 17 more buses can be purchased off of this Master Agreement. The 15 buses to be purchased in 2017 are estimated to cost \$490,000 each.

A total of \$7,350,000 is being budgeted for the 15 buses, along with an additional \$130,000 for spare parts and \$20,000 for Federal Transit Administration required bus inspections.

2018 – 2021 Scope of Work:

Up to 30 replacement buses will be sought each year to the extent that local and federal funding is available. The Milwaukee County Department of Transportation (MCDOT) continually seeks additional non-county grant funds to maximize the local funding provided.

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.

Staffing Plan

MCDOT and Milwaukee Transport Services (MTS) staff will be responsible for overall project management.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WT026	Sub-Project No. WT02601	Sub-Project Title NEW FLYER BUSES	4789-2010
Requesting Department or Agency DEPT OF TRANSP - TRANSIT/PARATRANSIT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency SAME AS REQUESTING DEPT/AGENCY		Capital Category VEHICLES & EQUIPMENT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$7,500,000	\$5,800,000	\$0	\$0	\$1,700,000
2018	\$15,500,000	\$2,500,000	\$0	\$0	\$13,000,000
2019	\$16,000,000	\$2,500,000	\$0	\$0	\$13,500,000
2020	\$16,500,000	\$2,500,000	\$0	\$0	\$14,000,000
2021	\$17,000,000	\$2,500,000	\$0	\$0	\$14,500,000
TOTAL	\$72,500,000	\$15,800,000	\$0	\$0	\$56,700,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$14,100,000	\$14,100,000
2014	\$0	\$0	\$0
2015	\$13,200,000	\$0	\$13,200,000
2016*	\$0	\$0	\$0
TOTAL	\$13,200,000	\$14,100,000	\$27,300,000

2017 Budget Year Financing	
Federal, State and Local Aids	\$5,800,000
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$1,700,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$7,500,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$27,150,000	\$7,500,000	\$65,000,000	\$99,650,000
Other	\$150,000	\$0	\$0	\$150,000
TOTAL	\$27,300,000	\$7,500,000	\$65,000,000	\$99,800,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	
Complete Final Plans & Specs	July-14
Begin Construction/Purchase Asset	January-17
Construction Substantially Completed	October-17
Scheduled Project Closeout	November-17

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WT07601 – KINNICKINNIC GARAGE MAINTENANCE BUILDING HVAC REPLACEMENT

An appropriation of \$2,000,000 is budgeted for the replacement of the heating, ventilation and air conditioning (HVAC) system at the Milwaukee County Transit System Kinnickinnic Garage Maintenance Building. Financing is provided from \$400,000 in general obligation bonds and \$1,600,000 in either Federal Section 5307 or 5339 funds. The Milwaukee County Department of Transportation has made application for Section 5339 discretionary federal grant funds. If this application is not approved the federal funding component would be comprised of Section 5307 federal formula funds.

2017 Sub-Project Addresses the following item/issue:

The Facilities Assessment Report recommended that the HVAC system at the Kinnickinnic Maintenance Building be replaced in 2007.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes the replacement of an air conditioner chiller unit, four air handling units, four make-up air units, eight heating units, ductwork, fourteen smoke detectors and installation of an electronic digital temperature control system at the MCTS Kinnickinnic Garage Maintenance Building. The current HVAC system is approximately 35 years old and has well exceeded its useful life.

Consulting services and project management by DAS – Facilities Management Division are included in the \$2 million project cost.

2018 – 2021 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WT076	Sub-Project No. WT07601	Sub-Project Title KK GARAGE HVAC SYSTEM	4789-2010
Requesting Department or Agency DEPT OF TRANSP - TRANSIT/PARATRANSIT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY MECHANICALS & SYSTEMS	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$2,000,000	\$1,600,000	\$0	\$0	\$400,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,000,000	\$1,600,000	\$0	\$0	\$400,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$1,600,000
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$400,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$2,000,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$2,000,000	\$0	\$2,000,000
Other	\$0	\$0	\$0	\$0
TOTAL	\$0	\$2,000,000	\$0	\$2,000,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	
Complete Final Plans & Specs	April-17
Begin Construction/Purchase Asset	July-17
Construction Substantially Completed	January-18
Scheduled Project Closeout	February-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WT07701 – FOND DU LAC GARAGE ROOF REPLACEMENT

An appropriation of \$2,700,000 is budgeted for the replacement of five roofs at the Milwaukee County Transit System Fond du Lac Bus Storage Garage. Financing is provided from \$540,000 in general obligation bonds and \$2,160,000 in either Federal Section 5307 or 5339 funds. The Milwaukee County Department of Transportation has made application for Section 5339 discretionary federal grant funds. If this project is not approved the federal funding component would be comprised of Section 5307 federal formula funds.

2017 Sub-Project Addresses the following item/issue:

The five roofs at the Fond du Lac Bus Storage Garage (Buildings A, B, C, D and E) are estimated to be 50 years old.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

Project includes the 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. The major roof area consists of asphalt and gravel over insulation on a concrete deck and clay tile. There are several areas of the roof that are failing with active leaks.

2018 – 2021 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management with specialized consulting services as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WT077	Sub-Project No. WT07701	Sub-Project Title FDL GARAGE ROOF REPLACEMENT	4789-2010
Requesting Department or Agency DEPT OF TRANSP - TRANSIT/PARATRANSIT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY MECHANICALS & SYSTEMS	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$2,700,000	\$2,160,000	\$0	\$0	\$540,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,700,000	\$2,160,000	\$0	\$0	\$540,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016)¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$2,160,000
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$540,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$2,700,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$2,700,000	\$0	\$2,700,000
Other	\$0	\$0	\$0	\$0
TOTAL	\$0	\$2,700,000	\$0	\$2,700,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	
Complete Final Plans & Specs	March-17
Begin Construction/Purchase Asset	July-17
Construction Substantially Completed	October-17
Scheduled Project Closeout	November-17

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WT08301 – BUS RAPID TRANSIT

An appropriation of \$21,225,000 is budgeted for the development, design and construction of a Bus Rapid Transit (BRT) project. Financing is provided from \$1,968,487 in vehicle registration fee revenue, \$1,256,513 in general obligation bonds and \$18,000,000 in Federal Section 5309 Small Starts funds. For 2018, the remaining appropriation of \$22,500,000 will be provided, offset with \$18,000,000 in federal revenue and \$4,500,000 in local match financing.

2017 Sub-Project Addresses the following item/issue:

In order to make application to the Federal Transit Administration's (FTA) Small Starts Grant Program, Milwaukee County must demonstrate that it is committed to the project by committing local funds for the anticipated overall project cost. The Milwaukee County Department of Transportation, along with its consulting partners, have estimated the total project construction cost to be \$45,000,000 during the feasibility study phase.

The appropriation of \$43,775,000 is being requested with the consideration of eventually including the previously authorized \$1,275,000 for transit signal priority (WT081) as part of the local match requirement. The Department of Transportation anticipates 80% (\$36,000,000) of the \$45,000,000 total construction project cost would be provided by Federal FTA Small Starts Grant funding. The local share of \$9,000,000 would be reduced by \$1,275,000 for a total local amount of \$7,775,000.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

In 2015, \$1,500,000 was authorized for the development of transit signal priority in the BRT corridor. Later in 2015, \$225,000 was authorized from the \$1,500,000 for the purposes of developing the feasibility analysis for the BRT project leaving a balance of \$1,225,000 for the transit signal priority project.

In May of 2016, the Board authorized \$2,190,000 of 5307 funds to be used for the purposes of supporting project development of the BRT project. Along with \$225,000 from Milwaukee County, \$300,000 from SEWRPC and \$85,000 from MCTS a total of \$610,000 locally funded the feasibility study. Therefore, the amount of \$2,190,000 of 5307 funds may be used as an 80% federal match to support future project development needs against the \$610,000.

2017 Sub-Project Scope of Work:

Project development work will continue for 2017. This will consist of working with the FTA and local units of government to determine the conditions for which BRT will operate. Decisions with regard to final station locations, use of existing traffic or parking lanes, and impacts to traffic all must be made during the project development, designing and preliminary engineering phase that will occur in 2017. In regard to the development of the specific route, the BRT will not disrupt existing curb or parking lanes between Hawley Road and 60th Street.

2018 – 2021 Scope of Work:

Once the work of project development, design and preliminary engineering is complete, and with approvals from local units of government, the department would anticipate entering into construction in 2018 and 2019. During these phases the department would utilize the vast majoring of the funds made available by the FTA small start grant program for the purchase of vehicles, development of stations, and related infrastructure needed to complete the work related for the BRT project.

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.

Staffing Plan

MCDOT and MTS staff will be responsible for overall project management. Specialized consultants will be retained to support the project.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WT083	Sub-Project No. WT08301	Sub-Project Title BUS RAPID TRANSIT	4789-2010
Requesting Department or Agency DEPT OF TRANSP - TRANSIT/PARATRANSIT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency SAME AS REQUESTING DEPT/AGENCY		Capital Category OTHER CAPITAL	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$21,225,000	\$18,000,000	\$0	\$0	\$3,225,000
2018	\$22,500,000	\$18,000,000	\$0	\$0	\$4,500,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$43,725,000	\$36,000,000	\$0	\$0	\$7,725,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$18,000,000
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$1,256,513
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$1,968,487
Total Budget Year Financing	\$21,225,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$21,225,000	\$22,500,000	\$43,725,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$0	\$21,225,000	\$22,500,000	\$43,725,000

Sub-Project Schedule

	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	June-17
Complete Final Plans & Specs	August-17
Begin Construction/Purchase Asset	October-17
Construction Substantially Completed	June-19
Scheduled Project Closeout	October-19

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

SECTION 3
AIRPORT

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WA12501 – GMIA SECURITY & WILDLIFE DETERRENT PERIMETER FENCING

An appropriation of \$315,000 is budgeted for the replacement of perimeter fencing at General Mitchell International Airport (GMIA). Financing is provided from \$236,250 in Federal Aviation Administration (FAA) Airport Improvement Program (AIP) funding, \$39,375 in State funding and \$39,375 in Passenger Facility Charge (PFC) cash.

2017 Sub-Project Addresses the following item/issue:

The original airport fencing around the perimeter of the airport is six (6) feet high with three (3) strands of barbed wire. This original fencing does not provide adequate airport security per Transportation Security Administration (TSA) guidelines or wildlife deterrence consistent with the United States Department of Agriculture (USDA) approved and adopted standards.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

This project is part of an on-going annual program to replace the entire original perimeter fencing for the purpose of improving overall airport perimeter security. The GMIA Security & Wildlife Deterrent Perimeter Fencing project is a multi-year program that began in 2004. The program had additional appropriations in 2008, 2011, 2012, 2013, 2014, 2015 and 2016. The 2015 Adopted Capital Improvement Budget appropriated \$303,000 for this project. The 2016 Adopted Capital Improvement Budget appropriated \$309,000 for this project. The 2017 appropriation will allow completion of the security and wildlife perimeter fencing project for the GMIA campus.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes replacement fencing that will be ten (10) feet high, topped with three (3) strands of barbed wire, and having an additional two (2) foot of fabric buried below ground consistent with advancing airport security in areas where video monitoring or other types of detecting unauthorized entry into the airport perimeter are difficult to establish. This style of fencing is also consistent with current airport and Federal Aviation Administration (FAA) adopted standards for fencing in problematic wildlife areas (FAA Cert-alert No. 04-16).

The new fencing will enhance the security of the airport perimeter and deter wildlife intrusion.

2018 – 2021 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA125	Sub-Project No. WA12501	Sub-Project Title GMIA SECURITY AND WILDLIFE DETERRENT PERIMETER	4789-2010
Requesting Department or Agency DEPT OF TRANSP - AIRPORT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category OTHER CAPITAL	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$315,000	\$236,250	\$39,375	\$0	\$39,375
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$315,000	\$236,250	\$39,375	\$0	\$39,375

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$271,000	\$0	\$271,000
2014	\$291,000	\$0	\$291,000
2015	\$303,000	\$0	\$303,000
2016*	\$309,000	\$0	\$309,000
TOTAL	\$1,174,000	\$0	\$1,174,000

2017 Budget Year Financing	
Federal, State and Local Aids	\$275,625
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$39,375
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$315,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$1,174,000	\$315,000	\$0	\$1,489,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$3,500	\$0	\$0	\$3,500
TOTAL	\$1,174,000	\$315,000	\$0	\$1,489,000

Sub-Project Schedule

	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	June-17
Complete Final Plans & Specs	July-16
Begin Construction/Purchase Asset	September-16
Construction Substantially Completed	November-17
Scheduled Project Closeout	April-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WA17601 – GMIA MASTER PLAN UPDATE

An appropriation of \$1,081,000 is budgeted for the update of the airport master plan for General Mitchell International Airport (GMIA). Financing is provided from \$810,750 in Federal Aviation Administration (FAA) Airport Improvements Program (AIP) funding, \$135,125 in State funding and \$135,125 in Passenger Facility Charge (PFC) cash funding.

2017 Sub-Project Addresses the following item/issue:

The most recent update to the airport master plan at GMIA began in 2000, and was completed in 2009. Since that time there have been several changes to both the operations at GMIA, and the Federal Aviation Administration (FAA) regulations governing airport master plans. In an effort to reflect these recent changes, an update to the airport master plan is being requested.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The Adopted Capital Improvement Budget appropriation for 2013 created a project whose purpose was to update the existing Airport Layout Plan (ALP) to reflect the changes in the FAA airfield design changes. This project was funded through AIP, State and PFC. This component is scheduled to be completed in 2016. Information obtained from this effort will be utilized in the full airport master plan project.

2017 Sub-Project Scope of Work:

The 2017 scope of work for the airport master plan update will be in accordance with FAA Advisory Circular 150/5070-6, *Airport Master Plans*, which consists of 9 elements. Each element includes several sub-tasks, some of which require extensive research and public involvement. The final product of the airport master plan project will be a comprehensive planning document that will be utilized to guide and shape future improvements at GMIA.

2018 – 2021 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WA176	Sub-Project No. WA17601	Sub-Project Title AIRPORT MASTER PLAN - AGIS/EALP	4789-2010
Requesting Department or Agency DEPT OF TRANSP - AIRPORT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category OTHER CAPITAL	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$1,081,000	\$810,750	\$135,125	\$0	\$135,125
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,081,000	\$810,750	\$135,125	\$0	\$135,125

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$500,000	\$0	\$500,000
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$500,000	\$0	\$500,000

2017 Budget Year Financing	
Federal, State and Local Aids	\$945,875
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$135,125
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$1,081,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$498,000	\$1,079,500	\$0	\$1,577,500
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$2,000	\$1,500	\$0	\$3,500
TOTAL	\$500,000	\$1,081,000	\$0	\$1,581,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	
Complete Final Plans & Specs	
Begin Construction/Purchase Asset	
Construction Substantially Completed	January-19
Scheduled Project Closeout	June-19

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WA21101 – GMIA – PHYSICAL ACCESS CONTROL SYSTEM UPGRADE

An appropriation of \$300,000 is budgeted for the feasibility study and design of an upgrade to the physical access control system at General Mitchell International Airport (GMIA). Financing is provided from Passenger Facility Charge (PFC) cash.

2017 Sub-Project Addresses the following item/issue:

The existing physical access control system at GMIA is over fifteen (15) years old, and is becoming functionally obsolete and cost prohibitive to maintain. As technology advances, older systems cannot continue to fulfill their intended purpose. Physical access control is a federal requirement at GMIA under the Federal Aviation Administration (FAA) Code of Federal Regulation (CFR) Part 139 and 49 CFR Part 1542, §1542.207, and is the responsibility of the airport operator.

The physical access control system is a computer-based network of door and gate control hardware and software. Its purpose is to limit access to regulated areas of the airport to only those individuals whom have been properly credentialed to be in such areas.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes the selection and retention of a consultant to conduct an assessment of the entire airport, and produce a feasibility study for options to upgrade the physical access control system. The scope also includes the selection and retention of a design team for the recommended option for the system. Using the recommended option from the study, the design team will produce preliminary and final system schematics, bid documents, specifications and construction cost estimates for an upgraded system.

2018 – 2021 Scope of Work:

The construction phase is estimated for 2019 at \$5,000,000 funded by Passenger Facilities Charges (PFC) cash.

The scope includes the procurement and construction of the system upgrade. Scope includes construction costs, construction management, construction oversight, testing, commissioning, record document production and close-out.

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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WA211	Sub-Project No. WA21101	Sub-Project Title GMIA PHYSICAL ACCESS CONTROL SYSTEM UPGRADE	4789-2010
Requesting Department or Agency DEPT OF TRANSP - AIRPORT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category TECHNOLOGY & ELECTRONIC EQUIPMENT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$300,000	\$0	\$0	\$0	\$300,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$5,000,000	\$0	\$0	\$0	\$5,000,000
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$5,300,000	\$0	\$0	\$0	\$5,300,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$300,000
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$300,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$6,500	\$0	\$6,500
Construction & Implementation	\$0	\$292,000	\$5,000,000	\$5,292,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$1,500	\$0	\$1,500
TOTAL	\$0	\$300,000	\$5,000,000	\$5,300,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	August-17
Complete Final Plans & Specs	January-18
Begin Construction/Purchase Asset	April-18
Construction Substantially Completed	April-19
Scheduled Project Closeout	December-19

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WA21201 – GMIA – HYDRANT FUEL SYSTEM COMPLIANCE REQUIREMENTS

An appropriation of \$1,000,000 is budgeted for the design and construction of recommended modifications to the hydrant fuel system at General Mitchell International Airport (GMIA). Financing is provided from the Airport Development Fund (ADF) reserve account.

2017 Sub-Project Addresses the following item/issue:

A revision to the USEPA underground storage tank (UST) regulation dated July 15, 2015 no longer provides exemptions to airport hydrant fuel systems in the classification of USTs. As a result, the hydrant piping at GMIA is now considered a UST system, and must comply with EPA and State of Wisconsin regulations governing USTs. In 2015, the GMIA fuel system operator, ASIG retained engineering consultant Burns & McDonnell to conduct a study to develop recommendations for modifications to the hydrant fuel system to bring it into compliance with the applicable regulations. The new regulations require a more robust leak detection method for the pipeline system. Some of the isolation valves in place are butterfly-type, and do not provide an adequate seal necessary for the required leak detection method. This project implements the recommended modifications to the hydrant pipeline system contained in the final study and work plan by replacing four existing isolation valves.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes the design and construction of the replacement of four existing butterfly valves with double block & bleed type isolation valves. These modifications were recommended in the United States Environmental Protection Agency (USEPA) Rule Revision Impact Study and the Leak Detection Work plan reports completed by Burns & McDonnell for the GMIA fuel system operator Aircraft Service International Group (ASIG).

2018 – 2021 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WA212	Sub-Project No. WA21201	Sub-Project Title GMIA HYDRANT SYSTEM COMPLIANCE REQUIREMENTS	4789-2010
Requesting Department or Agency DEPT OF TRANSP - AIRPORT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY MECHANICALS & SYSTEMS	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$1,000,000	\$0	\$0	\$0	\$1,000,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,000,000	\$0	\$0	\$0	\$1,000,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$1,000,000
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$1,000,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$85,400	\$0	\$85,400
Construction & Implementation	\$0	\$914,600	\$0	\$914,600
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$0	\$1,000,000	\$0	\$1,000,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	February-17
Complete Final Plans & Specs	March-17
Begin Construction/Purchase Asset	May-17
Construction Substantially Completed	August-17
Scheduled Project Closeout	December-17

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WA21301 – GMIA – REPLACEMENT OF JET BRIDGES

An appropriation of \$1,500,000 is budgeted for the replacement of three passenger loading bridges at the terminal at General Mitchell International Airport (GMIA). Financing is provided by Airport Development fund (ADF) reserve account.

2017 Sub-Project Addresses the following item/issue:

The operation and maintenance of jet bridges is the responsibility of GMIA. GMIA currently has 42 passenger loading bridges (PLB). Some passenger loading bridges will be decommissioned in the future and existing aging bridges that are approaching their end of life span will need replacement if uneconomical to refurbish. Apron drive PLBs allow passengers to access the aircraft from the terminal building for convenience and safety, and are able to accommodate a wide range of aircraft sizes.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes the removal of the three existing PLBs, purchase of three new PLBs, installation, testing and commissioning.

2018 – 2021 Scope of Work:

It is planned that there will be three more PLBs replacement in 2019. The budget request is expected to be \$1,500,000 funded by the Airport Development fund (ADF) reserve account.

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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WA213	Sub-Project No. WA21301	Sub-Project Title GMIA REPLACEMENT JET BRIDGES	4789-2010
Requesting Department or Agency DEPT OF TRANSP - AIRPORT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category VEHICLES & EQUIPMENT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$1,500,000	\$0	\$0	\$0	\$1,500,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$1,500,000	\$0	\$0	\$0	\$1,500,000
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$3,000,000	\$0	\$0	\$0	\$3,000,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$1,500,000
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$1,500,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$36,000	\$36,000
Construction & Implementation	\$0	\$1,499,000	\$1,463,000	\$2,962,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$1,000	\$1,000	\$2,000
TOTAL	\$0	\$1,500,000	\$1,500,000	\$3,000,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	March-17
Complete Final Plans & Specs	April-17
Begin Construction/Purchase Asset	June-17
Construction Substantially Completed	September-17
Scheduled Project Closeout	February-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WA21501 – RUNWAY 19R-1L, 13-31 AND TAXIWAY S & Y RELIGHTING

An appropriation of \$1,097,000 is budgeted for the airfield relighting projects. Financing is provided by \$822,750 Federal Aviation Administration (FAA) Airport Improvement Program (AIP) funding, \$137,125 in State funding and \$137,125 in Passenger Facilities Charge (PFC) cash.

2017 Sub-Project Addresses the following item/issue:

FAA Advisory Circular 150/5345-53C *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. This project addresses those deficiencies by correcting the problems and bringing the lighting into compliance with federal standards.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes converting Runway 1R/19L edge lighting to LED. Additional improvement in the runway south of Runway 7R/25L will encompass installation of PVC conduit, cabling including new light fixture bases.

In addition Runway 13/31, Taxiway S & Y will be relighted. Ancillary items to this project location include conduit, cabling and light base installation on Runway 13/31. Taxiways S & Y will require cable, transformer & light fixture replacement only. Conduit raceways will be reused. Minor landscaping will be included in the runway and taxiway effort.

2018 – 2021 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA215	Sub-Project No. WA21501	Sub-Project Title RUNWAY 19R-1L, 13-31 AND TAXIWAY S & Y RELIGHTING	4789-2010
Requesting Department or Agency DEPT OF TRANSP - AIRPORT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category OTHER CAPITAL	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$1,097,000	\$822,750	\$137,125	\$0	\$137,125
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,097,000	\$822,750	\$137,125	\$0	\$137,125

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$959,875
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$137,125
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$1,097,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$109,620	\$0	\$109,620
Construction & Implementation	\$0	\$987,380	\$0	\$987,380
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$0	\$1,097,000	\$0	\$1,097,000

Sub-Project Schedule

Month/Year	
Complete Site Acquisition	
Complete Preliminary Plan	March-17
Complete Final Plans & Specs	May-17
Begin Construction/Purchase Asset	August-17
Construction Substantially Completed	November-17
Scheduled Project Closeout	May-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WA21701 – AIRFIELD SAFETY IMPROVEMENTS

An appropriation of \$517,000 is budgeted for the Airfield Safety Improvements project at General Mitchell International Airport (GMIA). Financing is provided by \$387,750 in Federal Aviation Administration (FAA) Airport Improvement Program (AIP) funding, \$64,625 in State funding and \$64,625 in Passenger Facility Charge (PFC) cash.

2017 Sub-Project Addresses the following item/issue:

FAA Advisory Circular 150/5345-53C *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. This project addresses those deficiencies by correcting the problems and bringing the lighting into compliance with federal standards.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work is a continuation of airport policy on replacing incandescent lighting with LED when the circuit reached its end of life cycle. The lighting circuits in this project are: Taxiway B (A1 to D), Taxiway A (A4 to T), Taxiway M (from Runway 1L/19R to Runway1R/19L). Airfield sign base replacement is included to fix cracked concrete pads. Wind cone replacement to LED will also be included.

2018 – 2021 Scope of Work:

The scope of the work for the years 2018 through 2021 will continue to address any deficiencies that do not meet FAA standards, until such time that the airfield at GMIA is in full compliance with the Advisory Circular 150/5345-53C. The budget requests are expected to be maintained at \$517,000 for each year and to be funded by 75% FAA AIP, 12.5% State, and 12.5% 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA217	Sub-Project No. WA21701	Sub-Project Title GMIA AIRFIELD SAFETY IMPROVEMENTS	4789-2010
Requesting Department or Agency DEPT OF TRANSP - AIRPORT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category OTHER CAPITAL	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$517,000	\$387,750	\$64,625	\$0	\$64,625
2018	\$517,000	\$387,750	\$64,625	\$0	\$64,625
2019	\$517,000	\$387,750	\$64,625	\$0	\$64,625
2020	\$517,000	\$387,750	\$64,625	\$0	\$64,625
2021	\$517,000	\$387,750	\$64,625	\$0	\$64,625
TOTAL	\$2,585,000	\$1,938,750	\$323,125	\$0	\$323,125

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$452,375
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$64,625
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$517,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$51,639	\$340,700	\$392,339
Construction & Implementation	\$0	\$465,361	\$1,721,300	\$2,186,661
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$6,000	\$6,000
TOTAL	\$0	\$517,000	\$2,068,000	\$2,585,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	March-17
Complete Final Plans & Specs	May-17
Begin Construction/Purchase Asset	July-17
Construction Substantially Completed	September-17
Scheduled Project Closeout	March-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WA21801 - AIRFIELD PAVEMENT REPLACEMENT

An appropriation of \$1,293,000 is budgeted for the replacement airfield pavement at General Mitchell International Airport (GMIA). Financing is provided from \$969,750 Federal Aviation Administration (FAA) Airport Improvement Program (AIP) funding, \$161,625 in State funding and \$161,625 in Passenger Facilities Charge (PFC) cash.

2017 Sub-Project Addresses the following item/issue:

FAA Advisory Circular 150/5300-13 *Airport Design* contains the FAA's standards and recommendations for airport design. In 2012 this Advisory Circular was re-issued with new standards for airfield taxiway and runway pavement geometry including strength requirements. This project addresses those deficiencies of concrete & asphalt pavements including shoulders by replacing the problem areas and bringing the pavement sections into compliance with federal standards.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The project will focus on multiple pavement areas on the airfield. Areas impacted by this project are as follows: West Ramp Concrete Panel Replacement, Runway 7R Concrete Transition Section and Taxiway B asphalt shoulder replacement between Taxiway A1 & M. Included in the Taxiway B shoulder scope is light replacement to LED, new cabling and landscaping.

2018 – 2021 Scope of Work:

Airfield Pavement Rehabilitation at GMIA is required and planned to continue through years 2018 to 2021. The budget requests are expected to be maintained at \$1,120,000 for each year and to be funded by 75% FAA AIP, 12.5% State, and 12.5% 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA218	Sub-Project No. WA21801	Sub-Project Title AIRFIELD PAVEMENT REPLACEMENT	4789-2010
Requesting Department or Agency DEPT OF TRANSP - AIRPORT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category OTHER CAPITAL	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$1,293,000	\$969,750	\$161,625	\$0	\$161,625
2018	\$1,120,000	\$840,000	\$140,000	\$0	\$140,000
2019	\$1,120,000	\$840,000	\$140,000	\$0	\$140,000
2020	\$1,120,000	\$840,000	\$140,000	\$0	\$140,000
2021	\$1,120,000	\$840,000	\$140,000	\$0	\$140,000
TOTAL	\$5,773,000	\$4,329,750	\$721,625	\$0	\$721,625

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$1,131,375
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$161,625
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$1,293,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$129,226	\$426,668	\$555,894
Construction & Implementation	\$0	\$1,163,774	\$4,053,332	\$5,217,106
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$0	\$1,293,000	\$4,480,000	\$5,773,000

Sub-Project Schedule

Month/Year	
Complete Site Acquisition	
Complete Preliminary Plan	March-17
Complete Final Plans & Specs	May-17
Begin Construction/Purchase Asset	July-17
Construction Substantially Completed	October-17
Scheduled Project Closeout	March-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA22001 – GMIA – CONNECTOR TAXIWAY MODIFICATIONS

An appropriation of \$3,162,000 is budgeted for the reconstruction and reconfiguration of several taxiways at General Mitchell International Airport (GMIA). Financing is provided from \$2,371,500 in Federal Aviation Administration (FAA) Airport Improvement Program (AIP) funding, \$395,250 in State funding and \$395,250 in Passenger Facility Charge (PFC) cash.

2017 Sub-Project Addresses the following item/issue:

FAA Advisory Circular 150/5300-13 *Airport Design* contains the FAA's standards and recommendations for airport design. In 2012 this Advisory Circular was re-issued with new standards for airfield taxiway and runway pavement geometry. As a result of this significant change, many locations of existing airfield pavement at GMIA no longer met design standards. Through the GMIA ALP Update project, several locations were identified as having one or multiple issues of compliance with the design standards. This project addresses those deficiencies by removal and reconstruction of pavements to correct the problems and bring the pavement geometry into compliance with federal standards.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of the work includes removal of taxiway pavement, grading, base course, concrete pavement, bituminous shoulder pavement, lighting, cabling, site restoration and pavement marking installation. The areas to be addressed in 2017 are the Taxiway D-Taxiway B intersection, and the Taxiway P-Taxiway B intersection.

2018 – 2021 Scope of Work:

Additional modifications planned for 2019 that include Taxiways M, R and T. The budget request is expected to be \$4,386,000 funded by \$3,290,000 FAA AIP funding, \$548,000 in State funding and \$548,000 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA220	Sub-Project No. WA22001	Sub-Project Title GMIA CONNECTOR TAXIWAYS MODIFICATIONS	4789-2010
Requesting Department or Agency DEPT OF TRANSP - AIRPORT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$3,162,000	\$2,371,500	\$395,250	\$0	\$395,250
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$3,162,000	\$2,371,500	\$395,250	\$0	\$395,250

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$2,766,750
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$395,250
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$3,162,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$316,111	\$0	\$316,111
Construction & Implementation	\$0	\$2,845,889	\$4,386,000	\$7,231,889
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$0	\$3,162,000	\$4,386,000	\$7,548,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	May-17
Complete Final Plans & Specs	June-17
Begin Construction/Purchase Asset	September-17
Construction Substantially Completed	July-18
Scheduled Project Closeout	December-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WA22101 – GMIA – INTERNATIONAL TERMINAL REDEVELOPMENT

An appropriation of \$4,589,000 is budgeted for the preliminary design of a new international terminal in the location of Concourse E in 2017. Financing is provided from \$3,589,000 from the General Mitchell International Airport (GMIA) Airport Development Funding (ADF) reserve account, and \$1,000,000 in Passenger Facility Charge (PFC) cash.

2017 Sub-Project Addresses the following item/issue:

GMIA's existing FIS facility is located in a 23,000 square feet, one level stand-alone building, with one arrival-only gate. A new facility is needed to attract international air carriers, and enhance customer service. The building will include new Federal Inspection Services (FIS) facilities for international arrivals, terminal gates, and passenger hold areas for departures (either domestic or international), passenger loading bridges, baggage claim devices and required support facilities for US Customs & Border Patrol personnel.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

In late 2016, a feasibility study is anticipated to assess the need and evaluate development of a new international concourse, either in existing building space or new space. Subject to the results of that study, the subsequent years' capital requests represent the continuation of the development of the space.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes planning and design of a new international terminal and FIS facility. The new building will include gates that can be used for both international or domestic departures and arrivals. The new FIS facility will meet the current size and facility standards of Customs & Border Patrol (CBP), as required by the 2012 Airport Technical Design Standards.

2018 – 2021 Scope of Work:

The construction phase would be anticipated to begin in 2018. The budget request for 2018 is estimated to be \$37,370,000. Financing is anticipated from \$20,000,000 in GMIA Airport Development Fund (ADF), \$8,370,000 from Passenger Facility Charges (PFC), and \$9,000,000 from General Airport Revenue Bond (GARB).

Project scope includes construction and construction management services for the international terminal building. Work includes modification to existing underground utilities, environmental remediation, building demolition, construction, pavement and general site work.

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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WA221	Sub-Project No. WA22101	Sub-Project Title GMIA INTERNATIONAL TERMINAL REDEVELOPMENT	4789-2010
Requesting Department or Agency DEPT OF TRANSP - AIRPORT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY REHAB, MAJOR MAINT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$4,589,000	\$0	\$0	\$0	\$4,589,000
2018	\$37,370,000	\$0	\$0	\$0	\$37,370,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$41,959,000	\$0	\$0	\$0	\$41,959,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$3,589,000
Investment Earnings	\$0
PFC Revenue	\$1,000,000
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$4,589,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$4,589,000	\$0	\$4,589,000
Construction & Implementation	\$0	\$0	\$37,370,000	\$37,370,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$0	\$4,589,000	\$37,370,000	\$41,959,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	August-17
Complete Final Plans & Specs	February-18
Begin Construction/Purchase Asset	June-18
Construction Substantially Completed	October-19
Scheduled Project Closeout	July-20

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WA22401 – LJT AIRFIELD PAVEMENT REPLACEMENT AND REHABILITATION

An appropriation of \$450,000 is budgeted for Airfield Pavement Replacement and Rehabilitation at Lawrence J Timmerman Airport (LJT). Financing is provided from \$405,000 Federal Aviation Administration (FAA) General Aviation Airport Improvement Program (AIP) funding, \$22,500 in State funding and \$22,500 in contributions from the Capital Improvement Reserve Account (CIRA).

2017 Sub-Project Addresses the following item/issue:

The scope of this project addresses those airfield pavements at LJT that are in the worst condition based on the 2013 pavement inspection conducted by the Wisconsin Department of Transportation Bureau of Aeronautics. Pavements are routinely inspected and given a Pavement Condition Index (PCI) based on the level of deterioration.

The project which started in 2016; continues in 2017 and includes the complete removal and replacement of asphalt pavement in a portion of the north apron area. Based on the 2013 inspection, this apron pavement had a PCI range of 17 to 50, which recommends replacement of the pavement. The remaining area of the apron will be completed in 2018.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

Work to address pavement deficiencies at Timmerman has occurred in various airfield locations annually from 2006 through 2015. The earlier phases of airfield pavement rehabilitation at LJT have included crack repair and seal-coating of existing pavements as well as replacement of full sections of pavement.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes replacement of approximately 10,000 S.Y. of asphalt pavement in the north apron area. The exact limits of the work will be determined through on site survey of existing conditions.

2018 – 2021 Scope of Work:

Airfield Pavement Replacement and Rehabilitation at LJT is required and planned to continue through years 2018 to 2021. The budget requests are expected to be maintained at \$450,000 for each year and to be 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WA224	Sub-Project No. WA22401	Sub-Project Title LJT AIRFIELD PAVEMENT REPLACEMENT AND REHABILITATION	4789-2010
Requesting Department or Agency DEPT OF TRANSP - AIRPORT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$450,000	\$405,000	\$22,500	\$0	\$22,500
2018	\$450,000	\$405,000	\$22,500	\$0	\$22,500
2019	\$450,000	\$405,000	\$22,500	\$0	\$22,500
2020	\$450,000	\$405,000	\$22,500	\$0	\$22,500
2021	\$450,000	\$405,000	\$22,500	\$0	\$22,500
TOTAL	\$2,250,000	\$2,025,000	\$112,500	\$0	\$112,500

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$427,500
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$22,500
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$450,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$45,000	\$180,000	\$225,000
Construction & Implementation	\$0	\$405,000	\$1,620,000	\$2,025,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$0	\$450,000	\$1,800,000	\$2,250,000

Sub-Project Schedule

Month/Year	
Complete Site Acquisition	
Complete Preliminary Plan	April-17
Complete Final Plans & Specs	May-17
Begin Construction/Purchase Asset	July-17
Construction Substantially Completed	September-17
Scheduled Project Closeout	December-17

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

SECTION 4
ENVIRONMENTAL

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WV00901 – COUNTY-WIDE SANITARY SEWER INSPECTION AND REPAIR

An appropriation of \$150,000 is budgeted County-wide sanitary sewer inspections and repairs. Financing is provided from \$150,000 in sales tax revenue.

2017 Sub-Project Addresses the following item/issue:

In August 2004, Milwaukee County (County) received a Notice of Violation/Notice of Claim from the WDNR for violation of the general permit for “Bypasses or Overflows from Sewage Collection Systems (WI-0047341-03). In January 2005, the County (as one of 28 defendants) received the proposed stipulated settlement from the State Attorney General’s office. The goal of the stipulated settlement is for municipalities to improve the condition of their sanitary sewer facilities to minimize the inflow and infiltration of clear water into the sanitary sewer system.

Although the County has addressed the original deficiencies identified in the stipulated agreement, continued evaluation/inspection of the sanitary sewer system is required every 5 years. As a result, an inspection of approximately 20% of the County sanitary sewer system is undertaken on an annual basis.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2016 Adopted Capital Budget included an appropriation of \$150,000 for annual inspection of approximately 20% of the County's sanitary sewer system.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes inspection of manholes, lift stations and televising sanitary sewer pipes and repair/rehabilitation of identified deficiencies/ needs. Deficiencies in the sanitary sewer system are required to be corrected within 18 months from when they are identified.

2018 – 2021 Scope of Work:

This is an on-going project that will maintain essentially the same scope of work year over year as previously stated in the 2017 sub-project scope of work 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.

Staffing Plan

Department of Administrative Services – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WV009	Sub-Project No. WV00901	Sub-Project Title COUNTY-WIDE SANITARY SEWERS REPAIRS	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category OTHER CAPITAL	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$150,000	\$0	\$0	\$0	\$150,000
2018	\$100,000	\$0	\$0	\$0	\$100,000
2019	\$100,000	\$0	\$0	\$0	\$100,000
2020	\$150,000	\$0	\$0	\$0	\$150,000
2021	\$100,000	\$0	\$0	\$0	\$100,000
TOTAL	\$600,000	\$0	\$0	\$0	\$600,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$150,000	\$0	\$150,000
2014	\$75,000	\$0	\$75,000
2015	\$150,000	\$0	\$150,000
2016*	\$150,000	\$0	\$150,000
TOTAL	\$525,000	\$0	\$525,000

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$150,000
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$150,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$39,500	\$25,000	\$100,000	\$164,500
Construction & Implementation	\$485,500	\$125,000	\$350,000	\$960,500
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$525,000	\$150,000	\$450,000	\$1,125,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	April-17
Complete Final Plans & Specs	June-17
Begin Construction/Purchase Asset	July-17
Construction Substantially Completed	October-17
Scheduled Project Closeout	December-17

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

SECTION 5
PARKS

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WP290 – KINNICKINNIC PARKWAY RECONSTRUCTION

An appropriation of \$1,739,000 is budgeted for reconstruction of the Kinnickinnic River Parkway. Financing is provided from general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

This existing parkway requires reconstruction of the pavement, storm sewer, and roadway lighting systems due to their deterioration.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2016 Adopted Capital Improvement Budget included an appropriation of \$265,167 for planning and design for replacement of the pavement, storm sewer, and roadway lighting system. Planning involves exploring alternatives to reduce the county’s impervious pavement footprint, reducing future maintenance costs and better serving the communities recreational needs.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes reconstruction of pavement, storm sewer, and roadway lighting systems. Replacement of municipal utilities such as sanitary sewers, water mains, storm sewers and lighting are coordinated with this project. Traffic calming measures, storm water best management practices, green infrastructure, natural areas restoration and management, and connections to city streets and state highways are included in the reconstruction plans.

2018 – 2021 Scope of Work:

The overall Parkway reconstruction project (WP290) is to be completed in multiple sub-project phases. While the two segments (WP29001/02) from S 76th St to S 68th St and S 68th St to W Cleveland Ave are scheduled to begin reconstruction in 2017, several segments further east are on temporarily on hold due to MMSD’s Kinnickinnic River Watershed project. This project will involve concrete channel removal, streambed and streambank naturalization, and flood impact mitigation. Heavy construction activities will be detrimental to the pavements, so they will be reconstructed after the river work is complete in future years. The new schedule is as follows:

Section	Condition Rating	2016 Design PHASE 1	2017 Construction PHASE 2	2018-2021 Construction PHASE 3 - 5
76th to 68th	26	\$125,500	\$823,000	
68th to Cleveland	32	\$139,667	\$916,000	
58th to Cleveland (S of river)	36	\$248,667		\$1,500,000
51 st to 43 rd	42	\$140,833		\$1,000,000
35 th to 31 st	34	\$88,333	portions may be owned by the City of Milw	
31 st to 29 th	42	\$50,500	potential reimbursement by St Luke MC	
Spur to 22nd and Oklahoma	34	\$54,000		\$330,000
Total		\$847,500	\$1,739,000	\$2,830,000

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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management and coordination with DPRC staff. Specialized consultants will be retained as needed.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP290	Sub-Project No. WP29001/2	Sub-Project Title KINNICKINNIC PARKWAY RECONSTRUCTION	4789-2010
Requesting Department or Agency DEPT OF PARKS, RECREATION, & CULTURE		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (NON-AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$1,739,000	\$0	\$0	\$0	\$1,739,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,739,000	\$0	\$0	\$0	\$1,739,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$265,167	\$0	\$265,167
TOTAL	\$265,167	\$0	\$265,167

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$1,739,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$1,739,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$265,167	\$0	\$0	\$265,167
Construction & Implementation	\$0	\$1,739,000	\$0	\$1,739,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$265,167	\$1,739,000	\$0	\$2,004,167

Sub-Project Schedule

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

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WP29802 – SOUTH SHORE IMPROVEMENTS PHASE II

An appropriation of \$1,200,000 is budgeted for reconstruction of additional areas of the South Shore Park/Marina Parking Lot Improvements. Financing is provided from general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

This existing parking lot and boat launch require reconstruction of the pavement, storm sewer, site amenities and lighting system due to the deterioration.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The Parks Department, in conjunction with a consultant, has completed a master plan for reconstructing the South Shore Park/Marina parking lot area. The proposed reconstruction has features that provide better access to the water's edge, water quality best management practices, reconfigured parking and pedestrian/bike trail improvements. In addition to improved pedestrian/bike movement through the site, storm water best management practices and wildlife controls are expected to improve near-shore water quality and decrease the number of days of beach water quality advisories.

In 2015, \$1,606,209 was appropriated to address improvements at the north half of the parking lot, which only partially implements the master plan.

In 2016, the following grants were added to the budget for a sea wall and promenade and green infrastructure:

- Wisconsin Waterways Commission: \$800,000
- MMSD: \$100,000

During the design process, the Parks Department will continue to pursue additional grant funding to support the resources needed to complete this project.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes reconstruction of the remaining portions of the South Shore Park boat launch and adjacent parking lot. Reconstruction of the parking lots at the South Shore Marina includes the construction of recreational boating improvements, new storm water treatment systems, boat wash facilities and improved fish cleaning facilities, beach management, and landscaping. The capital request is the balance of funding needed to complete the project that is currently funded for design and partial construction with \$1,606,209 in county funding and \$900,000 in grant funding.

2018 – 2021 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management and coordination with DPRC staff. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WP298	Sub-Project No. WP29802	Sub-Project Title SOUTH SHORE IMPROVEMENT PHASE II	4789-2010
Requesting Department or Agency DEPT OF PARKS, RECREATION, & CULTURE		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category OTHER CAPITAL	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$1,200,000	\$0	\$0	\$0	\$1,200,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,200,000	\$0	\$0	\$0	\$1,200,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$1,606,209	\$1,606,209
2016*	\$0	\$900,000	\$900,000
TOTAL	\$0	\$2,506,209	\$2,506,209

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$1,200,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$1,200,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$266,209	\$90,640	\$0	\$356,849
Construction & Implementation	\$2,240,000	\$1,109,360	\$0	\$3,349,360
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$2,506,209	\$1,200,000	\$0	\$3,706,209

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	September-16
Complete Final Plans & Specs	October-16
Begin Construction/Purchase Asset	November-16
Construction Substantially Completed	September-17
Scheduled Project Closeout	November-17

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WP32301 – MENOMONEE RIVER STREAMBANK STABILIZATION

An appropriation of \$300,000 is budgeted for Menomonee River Streambank Stabilization. Financing is provided from general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

Since 2008, a 250 foot un-vegetated section of the Menomonee River streambank has eroded towards the golf course by approximately 35 feet. This section of the streambank is downstream of the Underwood Creek confluence. It appears that the gravel/cobble bar on the left bank forced flow against the sandy right bank, causing this section to collapse. The erosion appears to be active. Assuming 2008-2014 erosion rates, the deterioration could directly impact golf course greens within the next five years.

The Army Corps of Engineers and MMSD will be beginning concrete channel removal on Underwood Creek just upstream of its confluence with the Menomonee River. This may provide an excellent opportunity to take advantage of the contractor's mobilization, potential need for access across parkland and a potential source of fill material to realize economies of scale in stabilizing the streambank.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes hard toe installation to limit undercutting, upper bank bioengineering treatments, and manipulation of mid-channel bar.

2018 – 2021 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management and coordination with DPRC staff. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WP323	Sub-Project No. WP32301	Sub-Project Title MENOMONEE RIVER STREAMBANK STABILIZATION	4789-2010
Requesting Department or Agency DEPT OF PARKS, RECREATION, & CULTURE		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category OTHER CAPITAL	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$300,000	\$0	\$0	\$0	\$300,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$300,000	\$0	\$0	\$0	\$300,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$300,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$300,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$47,000	\$0	\$47,000
Construction & Implementation	\$0	\$253,000	\$0	\$253,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$300,000	\$0	\$300,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	July-17
Complete Final Plans & Specs	September-17
Begin Construction/Purchase Asset	June-18
Construction Substantially Completed	September-18
Scheduled Project Closeout	December-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WP48401 – LAKE PARK RAVINE BRIDGE

An appropriation of \$2,500,000 is budgeted for the Lake Park Ravine Bridge reconstruction. Financing is provided from \$500,000 in general obligation bonds and \$2,000,000 in private contributions.

2017 Sub-Project Addresses the following item/issue:

The Lake Park Arch Bridge over Ravine Drive in historic Lake Park was built in 1905/1906. In 2014, increased cracking in the bridge and soil washout at the abutment prompted an updated condition assessment, resulting in the arch bridge and Ravine Drive below being closed until an in depth structural study could be completed to determine if it was safe to re-open the bridge and/or Ravine Drive.

Following completion of the inspection report, the arch bridge was re-opened to pedestrian traffic. However, Ravine Drive and pedestrian walking paths that pass under the bridge remain closed due to the potential for spalled concrete falling from the bridge on vehicles or pedestrians below. A copy of the inspection report can be found on the Milwaukee County (County) web site (<http://county.milwaukee.gov/ConstructionBidsandR23075.htm>).

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

In 2015, an appropriation of \$404,827 was used to fund a Lake Park Ravine Road (Concrete Arch) Bridge inspection report and perform planning and design services for bridge rehabilitation or bridge replacement.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes repair and/or replacement of the historic concrete arch pedestrian bridge in Lake Park. A consultant hired by Milwaukee County is currently evaluating five alternative repair/replacement scenarios and their respective costs.

The County is providing \$500,000 in funding to serve as a challenge grant for private contributors.

The construction phase of this sub-project shall not proceed until the \$2,000,000 in private contributions is secured and committed.

2018 – 2021 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management and coordination with DPRC staff. Specialized consultants will be retained as needed.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP484	Sub-Project No. WP48401	Sub-Project Title LAKE PARK RAVINE BRIDGE	4789-2010
Requesting Department or Agency DEPT OF PARKS, RECREATION, & CULTURE		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (NON-AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$2,500,000	\$0	\$0	\$2,000,000	\$500,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,500,000	\$0	\$0	\$2,000,000	\$500,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$400,827	\$400,827
2016*	\$0	\$0	\$0
TOTAL	\$0	\$400,827	\$400,827

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$500,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$2,000,000
Other Revenue	\$0
Total Budget Year Financing	\$2,500,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$400,000	\$150,000	\$0	\$550,000
Construction & Implementation	\$827	\$2,350,000	\$0	\$2,350,827
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$400,827	\$2,500,000	\$0	\$2,900,827

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	March-17
Complete Final Plans & Specs	May-17
Begin Construction/Purchase Asset	July-17
Construction Substantially Completed	November-17
Scheduled Project Closeout	June-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WP52301 – LAKE PARK STEEL ARCH BRIDGE

An appropriation of \$100,800 is budgeted for the design of the steel arch bridge in Lake Park. Financing is provided from general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

The Steel Arch Bridge over the Locust St ravine Lake Park was built in 1893. The bridge is wide enough to carry vehicular traffic, but has been closed to vehicular traffic for years due to reconfiguration of roadways in the park and concern over structural integrity of the bridge for vehicular use.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The project scope for 2017 work includes planning, survey, design, specifications, and construction documents in preparation for the construction work planned in 2018. The project can reduce the bridge in width to accommodate pedestrian traffic only. The reconstructed bridge will incorporate the existing steel arches and other historical aspects of the bridge. It is anticipated the stone abutments will be rehabilitated to restore structural integrity and appearance.

2018 – 2021 Scope of Work:

The five year capital plan includes \$907,000 in 2018 for reconstruction of the Lake Park Steel Arch Bridge as described above.

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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management and coordination with DPRC staff. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WP523	Sub-Project No. WP52301	Sub-Project Title LAKE PARK STEEL ARCH BRIDGE	4789-2010
Requesting Department or Agency DEPT OF PARKS, RECREATION, & CULTURE		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (NON-AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$100,800	\$0	\$0	\$0	\$100,800
2018	\$907,000	\$0	\$0	\$0	\$907,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,007,800	\$0	\$0	\$0	\$1,007,800

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$100,800
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$100,800

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$100,800	\$0	\$100,800
Construction & Implementation	\$0	\$0	\$907,000	\$907,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$100,800	\$907,000	\$1,007,800

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	June-17
Complete Final Plans & Specs	August-17
Begin Construction/Purchase Asset	October-17
Construction Substantially Completed	June-18
Scheduled Project Closeout	August-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WP53001 - STORAGE SHEDS

An appropriation of \$37,000 is provided for five new storage sheds to be installed in various parks including Sherman Park, Washington Park, and others identified by the department as needed. Funding is provided by general obligation 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.

Staffing Plan

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

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WP530	Sub-Project No. WP53001	Sub-Project Title STORAGE SHEDS	4789-2010
Requesting Department or Agency COUNTY BOARD		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency PARKS, RECREATION, & CULTURE		Capital Category OTHER	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$37,000	\$0	\$0	\$0	\$37,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$37,000	\$0	\$0	\$0	\$37,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$37,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$37,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$37,000	\$0	\$37,000
TOTAL	\$0	\$37,000	\$0	\$37,000

Sub-Project Schedule

	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	N/A
Complete Final Plans & Specs	N/A
Begin Construction/Purchase Asset	N/A
Construction Substantially Completed	N/A
Scheduled Project Closeout	N/A

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WP53101 - GARDEN HOMES PIP PLAYGROUND RESURFACING

An appropriation of \$120,000 is provided to install Poured-In-Place (PIP) surfacing on the playground area at Garden Homes Square. Currently, there is sand at the playground in Garden Homes. PIP, a rubber material, is a low maintenance, safer option that is being used in state-of-art playgrounds around Milwaukee County. Funding is provided by general obligation bonds.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WP531	Sub-Project No. WP53101	Sub-Project Title GARDEN HOMES PIP PLAYGROUND RESURFACING	4789-2010
Requesting Department or Agency COUNTY BOARD		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency TBD		Capital Category OTHER	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$120,000	\$0	\$0	\$0	\$120,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$120,000	\$0	\$0	\$0	\$120,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$120,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$120,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$120,000	\$0	\$120,000
TOTAL	\$0	\$120,000	\$0	\$120,000

Sub-Project Schedule

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

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WP53201 - HOLLER PLAYGROUND IMPROVEMENTS

An appropriation of \$275,000 is budgeted to replace the playground and provide Poured-In-Place (PIP) at Holler Park. Financing will be provided by general obligation bonds.

Holler Park playground is a Class 2 play area that is over 17 years-old, and needs new playground equipment and PIP surfacing.

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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WP532	Sub-Project No. WP53201	Sub-Project Title HOLLER PLAYGROUND IMPROVEMENTS	4789-2010
Requesting Department or Agency COUNTY BOARD		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category OTHER	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$275,000	\$0	\$0	\$0	\$275,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$275,000	\$0	\$0	\$0	\$275,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$275,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$275,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$275,000	\$0	\$275,000
TOTAL	\$0	\$275,000	\$0	\$275,000

Sub-Project Schedule

	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	N/A
Complete Final Plans & Specs	N/A
Begin Construction/Purchase Asset	N/A
Construction Substantially Completed	N/A
Scheduled Project Closeout	N/A

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WP62801 – BROWN DEER PARKWAY DRIVE RECONSTRUCTION AND RECONFIGURATION

An appropriation of \$785,000 is budgeted to finance the planning and construction of a new section of the Brown Deer Park Parkway Drive Reconstruction and Reconfiguration in 2017. The existing road segments within the Brown Deer Park have a condition rating of 32. Reconstruction is recommended for roadways with a rating of 40 or lower. This project includes the demolition of approximately 1,300 feet of the existing roadway, clearing four areas of trees, and the construction of a new rerouted park roadway (approximately 1,730 linear feet) between the practice putting green and the Greater Milwaukee Open (GMO) tee. A new section of cart path (approximately 1,100 linear feet) will also be included in the project. Pedestrians, walkers, bikers, strollers and runners would still follow a circular loop around a new driving range, up to the clubhouse and back to the original park drive, after the new roadway is constructed.

The balance of the Brown Deer Park parkway drive also have condition ratings that support replacement. A project for the reconstruction of the balance of the Brown Deer Park Roadway shall be included in the five year plan.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WP628	Sub-Project No. WP62801	Sub-Project Title BROWN DEER PARKWAY DRIVE RECONSTRUCTION AND RECONFIGURATION	4789-2010
Requesting Department or Agency COUNTY BOARD		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency TBD		Capital Category TRAFFIC, ROADWAYS, & BRIDGES (NON-AIRPORT)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$785,000	\$0	\$0	\$0	\$785,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$785,000	\$0	\$0	\$0	\$785,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$785,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$785,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$785,000	\$0	\$785,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$785,000	\$0	\$785,000

Sub-Project Schedule

	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	N/A
Complete Final Plans & Specs	N/A
Begin Construction/Purchase Asset	N/A
Construction Substantially Completed	N/A
Scheduled Project Closeout	N/A

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WP62901 - BOERNER BOTANICAL COMFORT STATION RENOVATION

An appropriation of \$356,000 is provided for the demolition and reconstruction of the men's and women's restrooms in the Comfort Station at Boerner Botanical Gardens to be in compliance with ADA accessibility requirements. This project will include interior demolition, potentially new under slab plumbing, new plumbing and fixtures, mechanical and electrical upgrades, painting of the ceiling and walls, tile and floor base, doors, and partitions. Financing is provided from general obligation bonds.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WP629	Sub-Project No. WP62901	Sub-Project Title BOERNER BOTANICAL COMFORT STATION RENOVATION	4789-2010
Requesting Department or Agency COUNTY BOARD		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency TBD		Capital Category FACILITY NEW CONSTRUCTION	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$356,000	\$0	\$0	\$0	\$356,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$356,000	\$0	\$0	\$0	\$356,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$356,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$356,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$356,000	\$0	\$356,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$356,000	\$0	\$356,000

Sub-Project Schedule

	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	N/A
Complete Final Plans & Specs	N/A
Begin Construction/Purchase Asset	N/A
Construction Substantially Completed	N/A
Scheduled Project Closeout	N/A

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

SECTION 6
MILWAUKEE PUBLIC MUSEUM

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WM02701 – MPM-NORTH WING AIR HANLDING UNIT AND CONTROLS

An appropriation of \$524,000 is budgeted for the removal and replacement of the existing North Wing Air Handling Unit (AHU) located in the student lunch room. Financing is provided from \$524,000 in general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

The North Wing AHU has exceeded the expected useful life and requires replacement prior to experiencing unexpected loss in service. Interruption in service would affect the visitors to the Milwaukee Public Museum as well as the staff working in the North Wing of the building.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes removal and replacement of the existing North Wing AHU with controls: installation of a new AHU with VAV boxes, DDC controls, and connections to the buildings automation system; upgrading of existing controls on existing Lunch Room to DDC Controls.

The scope also includes demolition of existing concrete topping slab and existing AHU concrete housekeeping pad. Replacement of the existing housekeeping pad will be with a new reinforced concrete isolation pad, sized and located to accommodate the new North Wing AHU. Replacement of the mechanical room floor will also occur with a new 4-inch reinforced concrete floor slab with a perimeter isolation joint at the AHU.

2018 – 2021 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.

Staffing Plan

Department of Administrative Services – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WM027	Sub-Project No. WM02701	Sub-Project Title MPM-NORTH WING AIR HANLDING UNIT AND CONTROLS	4789-2010
Requesting Department or Agency MILWAUKEE PUBLIC MUSEUM		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY MECHANICALS & SYSTEMS	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$524,000	\$0	\$0	\$0	\$524,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$487,000	\$0	\$0	\$0	\$487,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$524,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$524,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$81,750	\$0	\$81,750
Construction & Implementation	\$0	\$442,250	\$0	\$442,250
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$524,000	\$0	\$524,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	NA
Complete Final Plans & Specs	March-17
Begin Construction/Purchase Asset	June-17
Construction Substantially Completed	December-17
Scheduled Project Closeout	January-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

SECTION 7

ZOO

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WZ11401 – ZOO LIFE SUPPORT EMERGENCY GENERATORS

An appropriation of \$298,000 is budgeted for one emergency life support generator for the Aquatic and Reptile Center. Financing is provided from general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

Continuous electrical power is critical in maintaining life support for the animal collection. Life support systems include light, heat, air conditioning, water filtration, hydraulic systems, alarm systems, food storage and water systems. Permanent electrical generators are required in five animal areas to maintain power to life-critical systems in the event of a power outage in the following animal locations: Aviary/Flamingo, Apes/Primates/Macaque Island, ARC, Small Mammals and Big Cat County/Winter Quarters/pachyderm East/West Giraffe. This is a five-year project. Funding request is for the Aquatic and Reptile Center building. Units for all other buildings have already been funded.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2017 sub-project is part of an on-going capital project that addresses emergency generators for animal areas in the Zoo. An appropriation transfer of \$60,000 was provided in 2013 for a generator at the Small Mammals building. The 2015 Adopted Capital Improvement Budget provided an appropriation of \$589,722 for generators at Apes/Primates/Macaque Island, and Winter Quarters/pachyderm East/West/Giraffe. In 2016, \$318,448 was appropriated for the Aviary and Flamingo Holding buildings.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes a new permanent electrical generator for the Aquatic and Reptile Center.

2018 – 2021 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WZ114	Sub-Project No. WZ11401	Sub-Project Title ZOO LIFE SUPPORT EMERGENCY GENERATORS	4789-2010
Requesting Department or Agency ZOOLOGICAL DEPARTMENT		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY MECHANICALS & SYSTEMS	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$298,000	\$0	\$0	\$0	\$298,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$298,000	\$0	\$0	\$0	\$298,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$60,000	\$60,000
2014	\$0	(\$1,445)	(\$1,445)
2015	\$589,722	\$1,228	\$590,950
2016*	\$318,448	\$0	\$318,448
TOTAL	\$908,170	\$59,783	\$967,953

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$298,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$298,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$26,176	\$49,994	\$0	\$76,170
Construction & Implementation	\$941,777	\$248,006	\$0	\$1,189,783
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$967,953	\$298,000	\$0	\$1,265,953

Sub-Project Schedule

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

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WZ11901 – ADVENTURE AFRICA - ELEPHANTS

An appropriation of \$8,600,000 is budgeted to continue the Adventure Africa Elephants exhibit. Financing is provided from \$4,300,000 in general obligation bonds and \$4,300,000 from private contributions.

2017 Sub-Project Addresses the following item/issue:

Funding for the second-year of construction for Adventure Africa-Elephants.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2015 Adopted Capital Improvement Budget included an appropriation of \$800,000 for planning and design and the 2016 Adopted Capital Improvement Budget included \$1,774,000 to begin initial construction.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes the continued construction of the Adventure Africa-Elephants exhibit.

2018 – 2021 Scope of Work:

In 2018, an appropriation of \$5,426,000 is planned in order to complete the construction phase of the exhibit. The Zoological Society of Milwaukee is funding 50% of the project or \$8 million.

Additional funds will be requested in 2018 and 2019 to carry out the full scope of Adventure Africa exhibits recommended in the Master Plan of 2012-2013.

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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WZ119	Sub-Project No. WZ11901	Sub-Project Title ADVENTURE AFRICA - ELEPHANTS	4789-2010
Requesting Department or Agency ZOOLOGICAL DEPARTMENT		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY NEW CONSTRUCTION	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$8,600,000	\$0	\$0	\$4,300,000	\$4,300,000
2018	\$5,426,000	\$0	\$0	\$2,713,000	\$2,713,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$14,026,000	\$0	\$0	\$7,013,000	\$7,013,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016)¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$800,000	\$0	\$800,000
2016*	\$1,774,000	\$0	\$1,774,000
TOTAL	\$2,574,000	\$0	\$2,574,000

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$4,300,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$4,300,000
Other Revenue	\$0
Total Budget Year Financing	\$8,600,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$800,000	\$1,872,500	\$0	\$2,672,500
Construction & Implementation	\$1,774,000	\$6,727,500	\$5,426,000	\$13,927,500
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$2,574,000	\$8,600,000	\$5,426,000	\$16,600,000

Sub-Project Schedule

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

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

SECTION 8
COURTHOUSE COMPLEX

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WC05902 – COURTHOUSE COMPLEX MAIN FEEDER REPLACEMENT

An appropriation of \$1,670,000 is budgeted for replacement of Courthouse Complex high voltage feeders. Financing is provided from \$1,670,000 in general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

The Courthouse Complex is supplied with 13.2kV electricity from Wisconsin Energies (WE Energies). This service is distributed into separate switchgear in feeder bays for the Courthouse and Safety Building. From these feeder bays the electricity is distributed to various substations located in the Complex where the electricity is transformed down from the higher service voltage to usable voltages. The feeders from the switchgear to the substations are approximately 45 years old and require replacement to avoid failure which could result in significant damage to the Courthouse or Safety Building.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes replacement of the following feeders:

Courthouse

Feeder 4 – Lighting & Branch Distribution
Feeder 5 – Lighting & Branch Distribution
Feeders 6 & 6A – Building Mechanicals and HVAC
Feeder 12 – Air Handlers & G2A Data Room

Safety Building

Feeder 9 - Lighting & Branch Distribution
Feeder 10 - Building Mechanicals and HVAC
Feeder 11 - Building Mechanicals and HVAC
Feeder – Main Service to USS7/USS8

2018 – 2021 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.

Staffing Plan

Department of Administrative Services – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WC059	Sub-Project No. WC05902	Sub-Project Title COURTHOUSE COMPLEX MAIN FEEDER REPLACEMENT	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY REHAB, MAJOR MAINT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$1,670,000	\$0	\$0	\$0	\$1,670,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,670,000	\$0	\$0	\$0	\$1,670,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$1,670,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$1,670,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$167,040	\$0	\$167,040
Construction & Implementation	\$0	\$1,502,960	\$0	\$1,502,960
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$1,670,000	\$0	\$1,670,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	February-17
Complete Preliminary Plan	April-17
Complete Final Plans & Specs	June-17
Begin Construction/Purchase Asset	August-17
Construction Substantially Completed	February-18
Scheduled Project Closeout	March-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WC06201 – CJF BUILDING ROOF REPLACEMENT

An appropriation of \$2,459,452 is budgeted for the construction phase for roof replacement at the Criminal Justice Facility (CJF). Financing is provided from \$2,459,452 in general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

The (CJF) roof is original to the 1992 construction. As per a 2012 A&E estimate, the roof has multiple leaks in several areas and since then there has been periodic repairs to limit interior damage, but the roof requires replacement versus temporary repairs. The life expectancy of the roof is 15-20 years. With the facility being 23 years old, it is beyond useful life and requires replacement.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2016 Adopted Capital Budget included an appropriation of \$100,000 for the planning and design of roof replacement.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes the replacement of the CJF roof.

2018 – 2021 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.

Staffing Plan

Department of Administrative Services – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WC062	Sub-Project No. WC06201	Sub-Project Title CJF BUILDING ROOF REPLACEMENT	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY REHAB MAJOR MAINT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$2,459,452	\$0	\$0	\$0	\$2,459,452
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,459,452	\$0	\$0	\$0	\$2,459,452

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$100,000	\$0	\$100,000
TOTAL	\$100,000	\$0	\$100,000

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$2,459,452
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$2,459,452

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$100,000	\$409,952	\$0	\$509,952
Construction & Implementation	\$0	\$2,049,500	\$0	\$2,049,500
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$100,000	\$2,459,452	\$0	\$2,559,452

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	October-16
Complete Preliminary Plan	November-16
Complete Final Plans & Specs	January-17
Begin Construction/Purchase Asset	March-17
Construction Substantially Completed	July-17
Scheduled Project Closeout	August-17

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WC09501 – COURTHOUSE MASONRY – BASEMENT WALL

An appropriation of \$506,000 is budgeted for repair and replacement of deteriorated basement wall areas within the Courthouse. Financing is provided from \$506,000 in sales tax revenue.

2017 Sub-Project Addresses the following item/issue:

In 2014, the Department of Administrative Services - Facilities Management staff has identified approximately 1,000 square feet in the Courthouse basement walls that have significantly spalled and deteriorated and require major repairs, or may need complete replacement.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2014 Adopted Capital Budget included an appropriation of \$380,000 for the repairs to the deteriorated basement walls in the Courthouse facility. Inspections work was completed, however, contractor bids for the actual repairs exceeded approved funding and the sub-project was temporarily put on hold until additional funding could be secured.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes repairs to deteriorated wall components (concrete, steel reinforcing rebar, shoring, etc.) identified by previous inspections.

2018 – 2021 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.

Staffing Plan

Department of Administrative Services – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WC095	Sub-Project No. WC09501	Sub-Project Title COURTHOUSE MASONRY – BASEMENT WALL	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY REHAB, MAJOR MAINT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$506,000	\$0	\$0	\$0	\$506,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$506,000	\$0	\$0	\$0	\$506,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$380,000	\$0	\$380,000
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$380,000	\$0	\$380,000

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$506,000
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$506,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$59,860	\$6,000	\$0	\$65,860
Construction & Implementation	\$320,140	\$500,000	\$0	\$820,140
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$380,000	\$506,000	\$0	\$886,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	March-17
Complete Final Plans & Specs	April-17
Begin Construction/Purchase Asset	June-17
Construction Substantially Completed	September-17
Scheduled Project Closeout	December-17

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WC10202 – COURTHOUSE HVAC REPLACEMENT

An appropriation of \$250,000 is budgeted for planning and design related to the replacement of Courthouse cooling towers, chillers, and pumps. Financing is provided from \$250,000 in general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

The courthouse penthouse (8th floor) has four (4) Trane centrifugal chillers each served with an individual cooling tower. These chillers serve a primary/secondary chilled water system that supplies chilled water to each of the four (4) large air handling unit pumps within the penthouse. The chillers are in the 14th year of an expected service life of 23 years. However, chillers 1 & 2 have been run as primary, and have over 28,000 run hours on an equivalent 25,000 run hour service life. Chillers 3 & 4, though nearing their service life, have lesser run hours and can be conditioned to extend their operation. Chillers 1 & 2 have been recommended for replacement.

Each of the above chillers is served by an individual cooling tower. The cooling towers are in the 18th year of an expected service life of 20 years and all four are in poor condition. The towers have lost or have failing interior coatings which have resulted in rusting and scale build-up. The towers leak and have multiple repair patches. Cooling towers 1, 2, 3 & 4 have been recommended for replacement.

The associated four (4) condensate water pumps have life expectancies of 15 years and two (2) chilled water pumps a life expectancy of 20 years. All these pumps are in the 18th year of service and have been recommended for replacement.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes planning, survey, design, specification, and construction documents required for the planned construction work in 2018 and 2019.

2018 – 2021 Scope of Work:

Future scope(s) of work includes the construction phase(s) with estimated costs of \$1,150,000 in 2018 and \$1,900,000 in 2019.

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.

Staffing Plan

Department of Administrative Services – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WC102	Sub-Project No. WC10202	Sub-Project Title COURTHOUSE HVAC REPLACEMENT	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY MECHANICALS & SYSTEMS	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$250,000	\$0	\$0	\$0	\$250,000
2018	\$1,150,000	\$0	\$0	\$0	\$1,150,000
2019	\$1,900,000	\$0	\$0	\$0	\$1,900,000
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$3,300,000	\$0	\$0	\$0	\$3,300,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$250,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$250,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$250,000	\$0	\$250,000
Construction & Implementation	\$0	\$0	\$3,050,000	\$3,050,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$250,000	\$3,050,000	\$3,300,000

Sub-Project Schedule

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

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WC12901 - SAFETY BUILDING FIRE PUMPS AND CONTROLS

An appropriation of \$361,000 is budgeted for fire pump and control replacements in the Safety Building. Financing is provided from \$361,000 in general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

There are two separate and independent fire pumps in the Safety Building. Both pumps and their controls are from 1927 and from the original construction of the building. The fire pumps supply water to the stand pipes on which in turn supply water to fire hose connections. The pumps are tested annually as required, however, because of the age of the controllers, testing is difficult. The controls panels have outdated switches and electrical components resulting in operation and safety concerns during monthly testing.

Both fire pumps and their associated controls are recommended for replacement. It is understood Safety Building long term occupation is unlikely, however, should the current system become impaired, occupancy of the building relative to code compliance in the immediate term may come into question. Additionally, there are unknowns relative to installation and code compliance as well as possible supply side tank, valve and piping needs that would need to be addressed within the Department of Administrative Service – Facilities Management operating budget.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes replacing the two (2) existing fire pumps and controllers servicing the Safety Building.

2018 – 2021 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.

Staffing Plan

Department of Administrative Services – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WC129	Sub-Project No. WC12901	Sub-Project Title SAFETY BUILDING FIRE PUMPS AND CONTROLS	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY MECHANICALS & SYSTEMS	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$361,000	\$0	\$0	\$0	\$361,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$361,000	\$0	\$0	\$0	\$361,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$361,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$361,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$60,450	\$0	\$60,450
Construction & Implementation	\$0	\$300,550	\$0	\$300,550
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$361,000	\$0	\$361,000

Sub-Project Schedule

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

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WC14301 – COURTHOUSE LIGHTCOURT PERMANENT VERTICAL ACCESS

An appropriation of \$50,000 is budgeted for planning and design of a lightcourt vertical access for the Courthouse. Financing is provided from \$50,000 in sales tax revenue

2017 Sub-Project Addresses the following item/issue:

The eight interior (8) light courts within the Courthouse are currently inaccessible without costly, difficult and temporary means. The surface area of these light courts is nearly equal to that of the exterior façade of the Courthouse. Of the eight light courts, only two have had complete window replacements to the original 1930 single pane windows. Two light courts were partially completed around 2000. However, the difficult to reach and complicated replacements were not done. The masonry and multitude of supply and return duct work in the light courts has not recently been inspected and it is anticipated there will be a need for on-going repairs and maintenance.

Permanent tiered walk way access is critical to inspect and maintain these vital areas of building infrastructure. Additionally, some of the vertical spaces that are free from obstruction will most likely require permanent tie offs for scaffolding. Up to present, all repairs were visually identified and have been done through costly temporary means. Permanent access is required to allow for the ability to perform regularly scheduled inspections and conduct repairs ongoing repairs.

This project will design and plan the best system and method of access.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes study, planning and design in order to determine the best system of access.

2018 – 2021 Scope of Work:

An additional appropriation will likely be requested in 2018 based upon the study, planning and design work performed in 2017.

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.

Staffing Plan

Department of Administrative Services – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WC143	Sub-Project No. WC14301	Sub-Project Title COURTHOUSE LIGHTCOURT PERMANENT VERTICAL ACCESS	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category OTHER CAPITAL	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$50,000	\$0	\$0	\$0	\$50,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$50,000	\$0	\$0	\$0	\$50,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$50,000
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$50,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$50,000	\$0	\$50,000
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$50,000	\$0	\$50,000

Sub-Project Schedule

	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	August-17
Complete Final Plans & Specs	December-17
Begin Construction/Purchase Asset	
Construction Substantially Completed	
Scheduled Project Closeout	

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WC14701 – COURTHOUSE COMPLEX FAÇADE INSPECTION AND REPAIR

An appropriation of \$500,000 is budgeted for repairs resulting from the 2016 inspection work. Financing is provided from \$500,000 in sales tax revenue.

2017 Sub-Project Addresses the following item/issue:

In 2016, the Courthouse Complex is undergoing a condition examination of 100% of the exterior wall construction at all elevations. The scope of work includes identification of unsafe and hazardous conditions along the exterior elevations of the building. The selected contractor will be required to direct, observe and document any immediate / temporary “make safe” repairs found.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes permanent repairs to any temporary repairs made during the 2016 inspection as well as any additional repairs that were identified but not remedied as a “make safe” repair.

2018 – 2021 Scope of Work:

Future appropriations may be required beyond 2017 pursuant to final results of the inspections and the nature/costs of required repairs.

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.

Staffing Plan

Department of Administrative Services – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WC147	Sub-Project No. WC14701	Sub-Project Title WC14701 – COURTHOUSE COMPLEX FAÇADE INSPECTION AND REPAIR	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY REHAB, MAJOR MAINT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$500,000	\$0	\$0	\$0	\$500,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$500,000	\$0	\$0	\$0	\$500,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$500,000
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$500,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$500,000	\$0	\$500,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$500,000	\$0	\$500,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	
Complete Final Plans & Specs	
Begin Construction/Purchase Asset	April-17
Construction Substantially Completed	November-17
Scheduled Project Closeout	December-17

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WC14801 – COURTHOUSE COMPLEX PLANNING PHASE III

An appropriation of \$500,000 is budgeted for Phase III planning of the Courthouse Complex and facilities support of the Milwaukee County Courts System. Financing is provided from \$500,000 in sales tax revenue.

2017 Sub-Project Addresses the following item/issue:

In 2015, the Consolidated Facilities Planning Steering Committee established a project to identify the highest and best use of the Milwaukee County Courthouse. In doing so, the project reviewed all elements of the facilities that support the Milwaukee County Courts System.

The conclusion of Phase I of that project, as briefed to the County Board in March 2016, were a list of severe deficiencies in the facilities that provide spaces for the Milwaukee County Courts System. As a follow-on to that project and to complete the Courthouse Complex space review, Phase II was initiated with operating budget funding. That project will further identify space requirements and potential issues with the

A new Criminal Courthouse was recommended as an outcome of Phase I. In order to begin implementation of that recommendation, Phase III will review swing space options in terms of who has to relocate, for how long, and at what cost to the County in order to vacate the Public Safety Building.

It will also further analyze how the new Criminal Courthouse could be funded and what the total program costs will come to over the next 5-7 years.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2016 Phase II space planning was conducted via the operating budget, specifically the Consolidated Facilities Planning (CFP) budget. Given the magnitude of the cost and work involved, the CFP Steering Committee felt that introduction into the Capital program as of Phase III was the most prudent next step.

2017 Sub-Project Scope of Work:

This 2017 scope of work includes activities to strategically implant Phase III planning, development, and implementation process in the capital program. Specific activities include: judicial planning specialty services, owner's representative selection for the recapitalization program, real estate services for swing space alternatives, and project management for architectural & engineering activities.

2018 – 2021 Scope of Work:

- *In 2018 Phase III will continue with implementation of swing space occupation and build outs;
- *In 2019-2020 Phase IV will proceed with planning and design of a new criminal courthouse (costs TBD);
- *In 2021 Phase V will begin with the demolition of the Public Safety Building and construction of a new Criminal Courthouse (costs TBD).

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.

Staffing Plan

Department of Administrative Services – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WC148	Sub-Project No. WC14801	Sub-Project Title COURTHOUSE COMPLEX PLANNING PHASE III	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category OTHER CAPITAL	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$500,000	\$0	\$0	\$0	\$500,000
2018	\$6,920,000	\$0	\$0	\$0	\$6,920,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$7,420,000	\$0	\$0	\$0	\$7,420,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$500,000
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$500,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$500,000	\$0	\$500,000
Construction & Implementation	\$0	\$0	\$6,920,000	\$6,920,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$500,000	\$6,920,000	\$7,420,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	April-17
Complete Final Plans & Specs	November-17
Begin Construction/Purchase Asset	NA
Construction Substantially Completed	NA
Scheduled Project Closeout	December-17

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WC15401 – CJF PUBLIC ELEVATORS 1 AND 2 UPGRADE

An appropriation of \$75,000 is budgeted for the planning and design phase of converting two Criminal Justice Facility (CJF) public elevators from hydraulic to traction. Financing is provided from \$75,000 in general obligation bonds.

2017 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.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

This 2017 scope of work includes the planning and design phase for the removal of existing elevator equipment and installation of a new MRL traction elevator within the existing hoistway enclosure.

2018 – 2021 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.

Staffing Plan

Department of Administrative Services – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WC154	Sub-Project No. WC15401	Sub-Project Title CJF PUBLIC ELEVATORS 1 AND 2 UPGRADE	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY MECHANICALS & SYSTEMS	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$75,000	\$0	\$0	\$0	\$75,000
2018	\$607,000	\$0	\$0	\$0	\$607,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$682,000	\$0	\$0	\$0	\$682,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$75,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$75,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$75,000	\$0	\$75,000
Construction & Implementation	\$0	\$0	\$607,000	\$607,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$75,000	\$607,000	\$682,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	February-17
Complete Preliminary Plan	April-17
Complete Final Plans & Specs	June-17
Begin Construction/Purchase Asset	August-17
Construction Substantially Completed	December-17
Scheduled Project Closeout	January-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

SECTION 9
HOUSE OF CORRECTION

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WJ07801 – HOC SALLYPORT VEHICLE & PEDESTRIAN GATE REPLACEMENT

An appropriation of \$252,000 is budgeted for upgrading the Sallyport & Pedestrian Gates. Financing is provided from general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

House of Correction (HOC) have indicated that the Sallyport & Pedestrian Gates sub-project is a top security and safety issue. The gates are used 24x7 and provide secure access to and egress from the facility. The gates are currently at a point of failure. If failure occurs, many operations would cease. In addition, HOC personnel would need to be assigned to manually operate the access and egress gates, which would result in overtime shifts. Gate failure would also delay and hinder the transport and delivery of meals from the HOC to the County Jail, Juvenile Detention Center and BHD.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes installation of new controllers for the two large vehicle gates at the main vehicle secure entrance and egress point (west side of the HOC campus), redesigning/replacing both adjacent pedestrian gates, adding lighting and upgrading existing lighting, and installation of security cameras and camera upgrades. A canopy-type roof over the vehicle vestibule entrance will also be constructed.

2018 – 2021 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed. HOC staff will continue to work with DAS/IMSD to install any new conduit for cameras, communications and electrical systems.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WJ07801	Sub-Project No. WJ07801	Sub-Project Title HOC SALLYPORT VEHICLE & PEDESTRIAN GATES	4789-2010
Requesting Department or Agency HOUSE OF CORRECTION		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY MECHANICALS & SYSTEMS	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$252,000	\$0	\$0	\$0	\$252,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$252,000	\$0	\$0	\$0	\$252,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$252,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$252,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$40,650	\$0	\$40,650
Construction & Implementation	\$0	\$209,850	\$0	\$209,850
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$1,500	\$0	\$1,500
TOTAL	\$0	\$252,000	\$0	\$252,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	March-17
Complete Final Plans & Specs	April-17
Begin Construction/Purchase Asset	May-17
Construction Substantially Completed	July-17
Scheduled Project Closeout	September-17

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

SECTION 10
OTHER AGENCIES

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WO03802 – MARCUS CENTER HVAC UPGRADE

An appropriation of \$4,094,000 is budgeted for the final phase of construction work on the ongoing Upgrade HVAC at the Marcus Center for Performing Arts (Marcus Center). Financing is provided from \$4,094,000 in general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

This is the final phase of the ongoing multi-phase project to upgrade the HVAC system at the Marcus Center. The multi-phased project was undertaken to replace equipment that had reached the end of its useful life, provide energy savings and improve indoor air quality and comfort.

County funding of this sub-project is included in the Contribution Agreement between the County and the Marcus Center (adopted County Board Resolution 16-214).

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

Phase I HVAC Upgrade work at the Marcus Center occurred in 2009 – 2010. This was followed by Phase 2 and Phase 3 work in 2010 – 2011 and Phase IV work occurring in 2013. The design work for the final phase (Phase 5) will be completed in 2016.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes replacement of seven (7) air handling units with ductwork, VAV boxes, piping & DDC controls and (4) heat exchangers. Upgrading all existing pneumatic controls to DDC controls will also be done. This is the final phase of ongoing HVAC upgrade at Marcus Center.

2018 – 2021 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. W0038	Sub-Project No. W003802	Sub-Project Title MARCUS CENTER HVAC UPGRADE	4789-2010
Requesting Department or Agency MARCUS CENTER FOR THE PERFORMING ARTS		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY MECHANICALS & SYSTEMS	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$4,094,000	\$0	\$0	\$0	\$4,094,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$4,094,000	\$0	\$0	\$0	\$4,094,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$2,613,600	\$0	\$2,613,600
2014	\$0	\$0	\$0
2015	\$500,000	\$0	\$500,000
2016*	\$0	\$0	\$0
TOTAL	\$3,113,600	\$0	\$3,113,600

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$4,094,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$4,094,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$929,000	\$334,221	\$0	\$1,263,221
Construction & Implementation	\$2,178,000	\$3,759,779	\$0	\$5,937,779
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$6,600	\$0	\$0	\$6,600
TOTAL	\$3,113,600	\$4,094,000	\$0	\$7,207,600

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	NA
Complete Final Plans & Specs	October-16
Begin Construction/Purchase Asset	April-17
Construction Substantially Completed	September-17
Scheduled Project Closeout	November-17

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WO517 – WAR MEMORIAL / ART MUSEUM RENOVATIONS

An appropriation of \$1,600,000 is budgeted to continue renovations on the War Memorial Center. Financing is provided from \$1,310,000 in general obligation bonds and \$290,000 in sales tax revenue.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The following sub-projects listed below are based on the construction and budget timeline included in the Development Agreement as signed between Milwaukee County, the Milwaukee County War Memorial, Inc. (WMC) and the Milwaukee Art Museum, Inc. (MAM). This is the last Capital request per that agreement.

The following projects are based on the construction and budget timeline as set forth in the agreements.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

WO51715 – War Memorial Center Roof Replacement (\$730,000)

The 2017 scope of work includes replacement of the War Memorial Center roof and the penthouse roof.

WO51716 – Asphalt Paving (\$580,000)

The 2017 scope of work includes repaving of the parking lot on the north side of the facility. The distressed pavement will be pulverized and re-used as base for the new asphalt pavement.

WO51717 – Major Maintenance, Siding, Flashing (\$290,000)

The 2017 scope of work includes replacement of the metal siding, flashing, and steel rails.

2018 – 2021 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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. W0517	Sub-Project No. W051715	Sub-Project Title WAR MEMORIAL CENTER ROOF REPLACEMENT	4789-2010
Requesting Department or Agency WAR MEMORIAL		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY REHAB, MAJOR MAINT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$730,000	\$0	\$0	\$0	\$730,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$730,000	\$0	\$0	\$0	\$730,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$730,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$730,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$730,000	\$0	\$730,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$0	\$730,000	\$0	\$730,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	September-17
Complete Final Plans & Specs	October-17
Begin Construction/Purchase Asset	April-18
Construction Substantially Completed	August-18
Scheduled Project Closeout	December-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. W0517	Sub-Project No. W051716	Sub-Project Title ASHPHALT PAVING - NORTH PARKING LOT	4789-2010
Requesting Department or Agency WAR MEMORIAL		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category HARD-SURFACE (NON-ROADWAY)	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$580,000	\$0	\$0	\$0	\$580,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$580,000	\$0	\$0	\$0	\$580,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$580,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$580,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$580,000	\$0	\$580,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$0	\$580,000	\$0	\$580,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	April-17
Complete Final Plans & Specs	May-17
Begin Construction/Purchase Asset	June-17
Construction Substantially Completed	November-17
Scheduled Project Closeout	May-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. W0517	Sub-Project No. W051717	Sub-Project Title MAJOR MAINTENANCE, SIDING, FLASHING	4789-2010
Requesting Department or Agency WAR MEMORIAL		Functional Group PARKS, RECREATION, & CULTURE	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY REHAB, MAJOR MAINT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$290,000	\$0	\$0	\$0	\$290,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$290,000	\$0	\$0	\$0	\$290,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$290,000
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$290,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$290,000	\$0	\$290,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$0	\$290,000	\$0	\$290,000

Sub-Project Schedule

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

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO16502 – COUNTYWIDE (AMERICANS WITH DISABILITIES ACT) ADA REPAIRS

An appropriation of \$125,000 is budgeted to address ADA deficiencies throughout countywide facilities. Financing is provided from sales tax revenue.

2017 Sub-Project Addresses the following item/issue:

Throughout Milwaukee County, barriers continue to exist that prevent persons with disabilities to utilize the county to its full potential. The goal is to continue to make Milwaukee County a fully inclusive community for all people and strive to become a model for the nation.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2016 Adopted Capital Improvement Budget included an appropriation of \$500,000 to address ADA deficiencies throughout countywide facilities (related capital sub-project WO16501). Projects being addressed include, ADA accessible entrance at Wil-O-Way Underwood, ADA accessible counter at County Clerk's office, ADA accessible entrance at Election Commission's office, at least one ADA accessible courtroom within each court division - Civil, Criminal and Family Court.

2017 Sub-Project Scope of Work:

The scope of work will vary with each facility. It will be undertaken utilizing the following priorities:

1. External Access – Including but not limited to parking, drop-off-point and doors.
2. Internal Access – Including but not limited to the accessible route through the building.
3. Internal Amenities – Including but not limited to accessible restrooms, accessible telephones, accessible warning systems, and accessible signage.
4. Accessibility to employment settings.

The specific projects would come from the VFA Report which has 800+ ADA projects, totaling over \$18.9 million. The first priority would be Access to buildings which house elected officials - County Executive, County Board of Supervisors - and constitutional officers of Milwaukee County as County Clerk, Clerk of Courts, Courts including Civil, Criminal and Family, County Treasurer, Register in Probate, Register of Deeds, Sheriff's Department. The second priority would be access to buildings which relate to the health and well-being of persons, such as the Department of Social Services, the Airport, various Transit Stations, etc. The third priority would be access to recreational facilities of Milwaukee County. The Milwaukee County Zoo, the Milwaukee County Museum, various Park facilities within the Milwaukee County Park System.

2018 – 2021 Scope of Work:

This is an on-going project that will have annual sub-projects (WO16503-06) of \$500,000 annually.

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.

Staffing Plan

DAS – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WO165	Sub-Project No. WO16502	Sub-Project Title COUNTYWIDE (AMERICANS WITH DISABILITIES ACT) ADA REPAIRS	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - OFFICE FOR PERSONS W/ DISABILITIES		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY REHAB, MAJOR MAINT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$125,000	\$0	\$0	\$0	\$125,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$125,000	\$0	\$0	\$0	\$125,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$125,000
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$125,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$125,000	\$0	\$125,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$0	\$125,000	\$0	\$125,000

Sub-Project Schedule

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

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WO17601 – MAINFRAME RETIREMENT

An appropriation of \$691,500 is budgeted to retire the County mainframe system and mitigate operational risk. Financing is provided from \$691,500 in sales tax revenue.

2017 Sub-Project Addresses the following item/issue:

The County is currently running the Core Financials and 16 additional ancillary applications on an IBM Mainframe. The operating cost in 2015 of running this environment was \$2.9 million.

Apart from the high cost of ownership the County is running its Core Business functions on a highly deprecated environment with both the hardware and software being out of vendor support. The current Mainframe cannot be upgraded to bring it into support, or to run supported versions of operating systems and tools. In addition, the skill set to support these systems is very difficult to secure in the market place. If allowed to persist, the County is at considerable risk for an extended or unrecoverable outage of mission critical systems.

The project goal is to remediate the environment to a level so that core Financials can be moved to a hosted service in order to remove the risk to the County and to continue critical business operations.

Additionally, the project will retire the Mainframe and 16 additional ancillary applications to allow a significant reduction the future operating costs.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes migrating and re-platforming critical applications, (i.e. CGI Advantage, Scripts) archiving obsolete applications, and position the platform to a hosted environment.

2018 – 2021 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.

Staffing Plan

DAS – IMSD will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WO176	Sub-Project No. WO17601	Sub-Project Title MAINFRAME RETIREMENT	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - INFORMATION MANAGEMENT SERVICES		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - INFORMATION MANAGEMENT SERVICES		Capital Category TECHNOLOGY & ELECTRONIC EQUIPMENT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$691,500	\$0	\$0	\$0	\$691,500
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$691,500	\$0	\$0	\$0	\$691,500

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$691,500
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$691,500

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$691,500	\$0	\$691,500
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$691,500	\$0	\$691,500

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	June-16
Complete Final Plans & Specs	January-17
Begin Construction/Purchase Asset	February-17
Construction Substantially Completed	September-17
Scheduled Project Closeout	December-17

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WO18001 – INFORMATION TECHNOLOGY SECURITY

An appropriation of \$1,140,000 is budgeted for a County information technology security program. Financing is provided from sales tax revenue.

2017 Sub-Project Addresses the following item/issue:

An Information Security Management Program will be developed in 2017 in order to mitigate security threats and to reinforce IMSD efforts to protect Milwaukee County systems and data from malware, virus and intrusion. This project will improve the current information security footprint.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes: remediation of potential security vulnerabilities; development and implementation of improved security standards and process; development and implementation of an enterprise security awareness and training program; and the purchase, upgrade and implementation of more advanced infrastructure and applications.

2018 – 2021 Scope of Work:

The implementation and deployment phase is expected to run throughout 2018 to cover remaining opportunities for improvement that were not addressed in 2017. This includes implementation of ongoing control mechanisms to avert potential threats and compliance with regulatory requirements associated with security.

2018 project costs are estimated at \$350,000.

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.

Staffing Plan

DAS – IMSD will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WO180	Sub-Project No. WO18001	Sub-Project Title INFORMATION TECHNOLOGY SECURITY	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - INFORMATION MANAGEMENT SERVICES		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - INFORMATION MANAGEMENT SERVICES		Capital Category TECHNOLOGY & ELECTRONIC EQUIPMENT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$1,140,000	\$0	\$0	\$0	\$1,140,000
2018	\$350,000	\$0	\$0	\$0	\$350,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,490,000	\$0	\$0	\$0	\$1,490,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$1,140,000
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$1,140,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$1,140,000	\$350,000	\$1,490,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$0	\$1,140,000	\$350,000	\$1,490,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	December-16
Complete Final Plans & Specs	January-17
Begin Construction/Purchase Asset	January-17
Construction Substantially Completed	December-17
Scheduled Project Closeout	December-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO21701 - PHONE AND VOICEMAIL SYSTEM REPLACEMENT

An appropriation of \$900,000 is budgeted to modernize the phone and voicemail system. Financing is provided from general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

DAS-IMSD staff has indicated that Milwaukee 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, the Department of Administrative Service – Information Management Services Division (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.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

An appropriation of \$552,062 initiated this project in 2013. An additional \$250,000 was appropriated in 2016.

In 2016, IMSD retained ClientFirst, to assist with the sub-project. The 2016 scope of work includes design of an enterprise telecommunications solution for Milwaukee County Transit System, General Mitchell International Airport, and all other County facilities. Requirements gathering, draft of Request for Proposals (RFP), and contract negotiations will be complete with implementation to begin prior to year-end.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes installing core equipment at the county 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 implementation of the core servers, voice mail system, call distribution software and integration software to allow locations to be tied together.

2018 – 2020 Scope of Work:

Through the requirements gathering phase, it was determined that the scope of the project will include a request of \$1,000,000, which will complete deployment of the new phone system. The project will be completed in 2018.

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.

Staffing Plan

DAS – Information Management Services Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WO217	Sub-Project No. WO21701	Sub-Project Title PHONE AND VOICEMAIL SYSTEM REPLACEMENT	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - INFORMATION MANAGEMENT SERVICES		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - INFORMATION MANAGEMENT SERVICES		Capital Category TECHNOLOGY & ELECTRONIC EQUIPMENT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$900,000	\$0	\$0	\$0	\$900,000
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
TOTAL	\$1,900,000	\$0	\$0	\$0	\$1,900,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$552,062	\$552,062
2015	\$0	\$0	\$0
2016*	\$250,000	\$0	\$250,000
TOTAL	\$250,000	\$552,062	\$802,062

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$900,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$900,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$802,062	\$900,000	\$1,000,000	\$2,702,062
TOTAL	\$802,062	\$900,000	\$1,000,000	\$2,702,062

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	December-16
Complete Final Plans & Specs	January-17
Begin Construction/Purchase Asset	January-17
Construction Substantially Completed	December-17
Scheduled Project Closeout	December-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO21801 – INFRASTRUCTURE REPLACEMENT

An appropriation of \$300,000 is budgeted to replace network and server equipment that has reached the end of its useful life. Financing is provided from sales tax revenue.

2017 Sub-Project Addresses the following item/issue:

The useful life for this type of network and server equipment is generally five years. If the equipment is not replaced at that time, the County risks potential failures of the equipment impacting day to day operations and public safety. Furthermore, due to the constant advancements in the information technology field that result in accelerated obsolescence, vendors discontinue all software and hardware support of this type of equipment after approximately five years.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

In previous budgets, IMSD implemented an annual replacement program for network and server equipment. The equipment to be replaced includes: switches that connect personal computer to the network, wireless controllers, access points, VPN equipment, firewalls which secure the County network, routers that connect various County buildings and servers that host County applications. This project will also include additional hardware, as needed, to support Internet connections and provide security to County data.

2017 Sub-Project Scope of Work:

The 2017 scope of work for this project includes the continued replacement of distribution switches and the deployment of dynamic Multipoint Private Network infrastructure.

2018 – 2021 Scope of Work:

The scope of works for 2018 is to perform a refresh of the CJF network core and WAN routers. 2019 will include a firewall refresh and the beginning of a replacement of distribution switches. 2020 will be to complete the distribution switch refresh started in 2019. 2021 will be for additional switch replacements.

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.

Staffing Plan

DAS – Information Management Services Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WO218	Sub-Project No. WO21801	Sub-Project Title INFRASTRUCTURE REPLACEMENT	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - INFORMATION MANAGEMENT SERVICES		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - INFORMATION MANAGEMENT SERVICES		Capital Category TECHNOLOGY & ELECTRONIC EQUIPMENT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$300,000	\$0	\$0	\$0	\$300,000
2018	\$180,000	\$0	\$0	\$0	\$180,000
2019	\$330,000	\$0	\$0	\$0	\$330,000
2020	\$190,000	\$0	\$0	\$0	\$190,000
2021	\$180,000	\$0	\$0	\$0	\$180,000
TOTAL	\$1,180,000	\$0	\$0	\$0	\$1,180,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$20,000	\$20,000
2013	\$500,000	\$0	\$500,000
2014	\$0	\$1,000	\$1,000
2015	\$250,000	\$56	\$250,056
2016*	\$0	\$0	\$0
TOTAL	\$750,000	\$21,056	\$771,056

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$300,000
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$300,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$50,000	\$0	\$0	\$50,000
Construction & Implementation	\$0	\$300,000	\$880,000	\$1,180,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$721,056	\$0	\$0	\$721,056
TOTAL	\$771,056	\$300,000	\$880,000	\$1,951,056

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	December-16
Complete Final Plans & Specs	January-17
Begin Construction/Purchase Asset	January-17
Construction Substantially Completed	December-17
Scheduled Project Closeout	December-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

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2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO60201 – ENTERPRISE PLATFORM MODERNIZATION

An appropriation of \$8,034,125 is budgeted for the Enterprise Platform Modernization program. Financing is provided from \$6,139,784 in general obligation bonds and \$1,650,000 in sales tax revenue and \$244,341 tax levy.

2017 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 and Milwaukee County Transit System (Transit) functions:

- *General Ledger*
- *Budgeting*
- *Account Receivable*
- *Accounts Payable*
- *Purchasing*
- *Fixed Asset Management*
- *Cash Receipting*
- *Inventory Management*
- *Grant Accounting*
- *Human Resources*
- *Payroll*
- *Time and Attendance*
- *Contract and Document Management*
- *Project Accounting*
- *Treasury Management*
- *Financial Reporting*
- *Pension Administration*

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.

This is a business driven project with high levels of support from County leadership and staff to re-engineer and optimize business process and modernize County business operation. Project results will yield efficiency improvements, better decision making, and improved management capabilities for Milwaukee County and our constituents.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

In 2015, Milwaukee County began Phase I (related sub-project WO60201) at a cost of \$300,000 to fund a Needs Assessment and a design plan. The Needs Assessment presented a high level current state for County financial and human resource systems including:

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

- **Core Financial System must be upgraded / Replaced by 2020** as current financial system cannot accept dates beyond 2020. Due to outdated technologies, Current financial and HR systems have limited vendor and internal support.
- **Reliance on Intensive Paper-Based Processes** as current systems are not able to communicate with another electronically.
- **Lack of Integration between the Core Financial System and Standalone Systems** resulting in splintered and potentially unreliable data.
- **Some modules of current County Systems Not Fully Utilized** resulting in patchwork on applications that does not meet the needs of the County.

The needs assessment further details a roadmap for products and solutions, costs for implementation of a new system, timeline, and migration strategies. Phase I was complete in early January 2016.

In 2016 Milwaukee County received an additional \$480,000 to begin Phase II (related sub-project WO60201) of the overall initiative. Phase II consists of:

- Twenty-seven different requirements sessions seeking input from over 350 Milwaukee County Employees
- Development of an RFP to solicit ERP solutions
- Selection of an ERP solution and vendor
- Development of a contract and Statement of Work

2017 Sub-Project Scope of Work:

Upon completion of the initiation and planning phases of the project, the project will move into Phase III System Implementation. During this phase, purchase of the winning software as determined by the RFP process will be complete and system implementation will begin. The project will not only include system purchase and implementation but process re-engineering, data architecture, system configuration, integration, data migration, testing, project staffing, training, and change management.

Project components that are bond eligible may change based upon completion of the planning phase, the scope of work that is included in the contract with the selected ERP vendor(s) and other work being charged to the project. DAS-PSB and the Comptroller Office will work with DAS-IMSD to assess any financing changes that may be required (within the \$8.0 million appropriation). An appropriation transfer to allocate cash from the Debt Service Reserve to the project will be submitted prior to the issuance of the 2017 bonds to modify the project's financing if the assessment determines that more cash financing is required based on a better understanding of actual costs and scope of work.

2018 – 2021 Scope of Work:

The implementation and deployment phase is expected to run throughout 2018. Project costs are estimated at \$16,392,375.

Upon successful implementation of the program, retirement of Ceridian, Advantage, Brass and the 120 ancillary database and systems that are currently used to do Enterprise Resource Planning basic functionality 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.

Staffing Plan

DAS – IMSD will be responsible for overall project management. Specialized consultants will be retained as needed.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO602	Sub-Project No. WO60201	Sub-Project Title ENTERPRISE PLATFORM MODERNIZATION	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - INFORMATION MANAGEMENT SERVICES		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - INFORMATION MANAGEMENT SERVICES		Capital Category TECHNOLOGY & ELECTRONIC EQUIPMENT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$8,034,125	\$0	\$0	\$0	\$8,034,125
2018	\$16,392,375	\$0	\$0	\$0	\$16,392,375
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$24,426,500	\$0	\$0	\$0	\$24,426,500

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$250,000	\$0	\$250,000
2014	\$0	\$0	\$0
2015	\$300,000	\$0	\$300,000
2016*	\$480,000	\$0	\$480,000
TOTAL	\$1,030,000	\$0	\$1,030,000

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$1,650,000
Property Tax Revenue	\$244,341
G.O. Bonds & Notes	\$6,139,784
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$8,034,125

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$1,030,000	\$0	\$0	\$1,030,000
Construction & Implementation	\$0	\$8,034,125	\$16,392,375	\$24,426,500
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
TOTAL	\$1,030,000	\$8,034,125	\$16,392,375	\$25,456,500

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	June-16
Complete Final Plans & Specs	January-17
Begin Construction/Purchase Asset	January-17
Construction Substantially Completed	December-17
Scheduled Project Closeout	December-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

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2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO94801 – ASSET AND WORK ORDER SYSTEM

An appropriation of \$571,000 is budgeted for the Asset and Work Order System. Financing is provided from \$571,000 in sales tax revenue.

2017 Sub-Project Addresses the following item/issue:

An Enterprise Asset and Work Order System allows Milwaukee County the ability to manage capital assets by minimizing the total cost of owning, operating, and maintaining those assets at acceptable levels of service. It will also provide greater clarity, ease of management, the ability to perform intelligent and cost effective inspections, condition assessments, and enterprise reporting which may greatly assist in the capital planning process.

Approved County Board resolution 13-916 appropriated Innovation Park land sale proceeds of \$170,000 to fund a Master Real Property Inventory (MRPI) for the county. As a result, the \$170,000 in approved funding for the MRPI was augmented in 2014 through an appropriation transfer of \$432,830 from the Economic Development Reserve. This established a new capital project (WO948) that allowed for a combined asset and work order system to move forward.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

An appropriation of \$620,000 was approved in 2016 to implement the enterprise Asset Management and Work Order system, Cityworks. Initial requirements were gathered, an RFP published and Power Engineers was selected to partner with IMSD to implement Cityworks for the following Departments and divisions: Department of Administrative Services – Facilities Division, Department of Parks, House of Correction, Milwaukee County Transit System, Department of Transportation - Fleet Division, Economic Development, and Milwaukee County Zoo. Through the requirements gathering phase the size and complexity of the project increased. It was determined that the scope of the project extend into 2018 and include the following:

- Implement an enterprise solution that utilizes automated workflows to streamline all aspects of the work order, preventive maintenance, inspections, asset history, compliance, and asset management. Eliminate paper work orders, paper tracking and paper reporting. Provide tablets or other mobile devices to employees as part of this project.
- Integrate GIS (geographical information systems) capabilities. This offers the benefit of tagging assets (i.e. properties, conference rooms, lights, signs, fences, etc.). Project will provide real-time GIS views to illustrate spatial representation of hot-spots and areas of concerns, manage asset lifecycle in relation to other assets in the area, and allow Field crews/Foreman are able to organize day to day activities utilizing spatially represented work activities.
- Provide extensive reporting functionality for resource allocation, facilities management, capital planning, and compliance enforcement and allow for cross-departmental reporting.
- Integration with other enterprise applications; the County document management application to manage all documents related to an asset; the capital planning application to simplify and automate the creation and tracking of capital projects; and HR Payroll system to provide a comprehensive view of total cost of work orders including labor rates.

There are two installation phases of this project:

- Phase I – Installation will be complete for the following Departments: Department of Administrative Services – Facilities Division, Department of Parks, the House of Correction and the Milwaukee County Transit System.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

- Phase II – Installation will be complete for the following Departments: Department of Transportation - Fleet Division, Milwaukee County Zoo and Economic Development.

Functional requirement documentation and work order process engineering will be complete in 2016 for the Departments in Phases I and II of the overall project. Configuration and testing of Cityworks for the Phase I Departments will continue throughout 2016 and be complete in 2017.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes continued configuration, testing and deployment of the Cityworks application for the Departments in Phase I of implementation: Department of Administrative Services – Facilities Division, Department of Parks, House of Correction and the Milwaukee County Transit System. Mobile devices will be deployed to provide for efficiency and real time tracking while on the job site.

Configuration and testing of Cityworks for the Phase II Departments will continue throughout 2017 with a project close by middle of 2018.

2018 – 2021 Scope of Work:

Departments in Phase II of implementation will continue with system configuration and testing into 2018 with deployment scheduled mid-year. Deployment and rollout for Departments in Phase II will cover the same scope as listed above. Incremental project costs are estimated at \$338,000, and will be requested in 2018.

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.

Staffing Plan

DAS – IMSD will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WO948	Sub-Project No. WO94801	Sub-Project Title ASSET AND WORK ORDER SYSTEM	4789-2010
Requesting Department or Agency DEPT OF ADMN SERVICES - INFORMATION MANAGEMENT SERVICES		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - INFORMATION MANAGEMENT SERVICES		Capital Category TECHNOLOGY & ELECTRONIC EQUIPMENT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$571,000	\$0	\$0	\$0	\$571,000
2018	\$338,000	\$0	\$0	\$0	\$338,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$909,000	\$0	\$0	\$0	\$909,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$632,830	\$632,830
2015	\$0	\$0	\$0
2016*	\$620,000	\$0	\$620,000
TOTAL	\$620,000	\$632,830	\$1,252,830

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$571,000
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$571,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$275,000	\$571,000	\$338,000	\$1,184,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$977,830	\$0	\$0	\$977,830
TOTAL	\$1,252,830	\$571,000	\$338,000	\$2,161,830

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	December-16
Complete Final Plans & Specs	January-17
Begin Construction/Purchase Asset	January-17
Construction Substantially Completed	December-17
Scheduled Project Closeout	December-17

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WO11201 – FLEET GENERAL EQUIPMENT

An appropriation of \$2,751,000 is budgeted for vehicle and equipment replacement. Financing is provided from \$2,751,000 in general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

Replacement of vehicles and equipment.

Debt for equipment acquisitions will be included in the County's short-term debt issues, 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 will continue 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 the established allotment.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2016 Adopted Capital Budget included \$ 3,197,000 for pieces of equipment for Highway (20), District Attorney (4), Behavioral Health (2), Facilities (4) and the Zoo (4).

2017 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.

2018– 2021 Scope of Work:

This is an ongoing project to replace equipment at the end of its useful life.

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.

Staffing Plan

DOT – Fleet Management staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WO112	Sub-Project No. WO11201	Sub-Project Title FLEET GENERAL EQUIPMENT	4789-2010
Requesting Department or Agency DEPT OF TRANSP - FLEET MANAGEMENT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF TRANSPORTATION - FLEET MANAGEMENT		Capital Category VEHICLES & EQUIPMENT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$2,751,000	\$0	\$0	\$0	\$2,751,000
2018	\$4,178,000	\$0	\$0	\$0	\$4,178,000
2019	\$3,189,271	\$0	\$0	\$0	\$3,189,271
2020	\$4,718,479	\$0	\$0	\$0	\$4,718,479
2021	\$4,651,713	\$0	\$0	\$0	\$4,651,713
TOTAL	\$19,488,463	\$0	\$0	\$0	\$19,488,463

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$3,000,000	(\$453,600)	\$2,546,400
2014	\$3,275,600	\$0	\$3,275,600
2015	\$225,326	\$0	\$225,326
2016*	\$3,197,000	\$0	\$3,197,000
TOTAL	\$9,697,926	(\$453,600)	\$9,244,326

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$2,751,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$2,751,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$9,244,326	\$2,751,000	\$16,737,463	\$28,732,789
Other	\$0	\$0	\$0	\$0
TOTAL	\$9,244,326	\$2,751,000	\$16,737,463	\$28,732,789

Sub-Project Schedule

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

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

EQUIP	DEPR	PRIORITY	DEPT	ORGANIZATION	EQUIP	EQUIPMENT	TOTAL
NUMBER	LIFE	CODE	CODE	DESCRIPTION	YEAR	DESCRIPTION	BUDGET
HIGHWAY							
106523	12	High	5110	Highway - Patrol Section 1	2003	Patrol Truck - Single axle	\$ 220,000
106536	12	High	5110	Highway - Patrol Section 1	2005	Stakebody Truck	\$ 130,000
401052	7	High	5110	Highway - Patrol Section 1	1985	Air compressor - towable	\$ 25,000
401059	7	High	5110	Highway - Patrol Section 1	1993	Air compressor - towable	\$ 25,000
811007	7	High	5110	Highway - Patrol Section 1	1990	Pressure Washer - towable	\$ -
106535	12	High	5120	Highway - Patrol Section 2	2005	Stakebody Truck	\$ 130,000
401061	7	High	5120	Highway - Patrol Section 2	1996	Air compressor - towable	\$ 25,000
532025	7	High	5120	Highway - Patrol Section 2	2002	Asphalt Roller	\$ 16,000
106514	12	High	5140	Highway - Patrol Section 4	2003	Patrol Truck - Single axle	\$ 220,000
106516	12	High	5140	Highway - Patrol Section 4	2003	Patrol Truck - Single axle	\$ 220,000
106518	12	High	5140	Highway - Patrol Section 4	2003	Patrol Truck - Single axle	\$ 220,000
106537	12	High	5140	Highway - Patrol Section 4	2005	Stakebody Truck	\$ 130,000
208105	12	High	5140	Highway - Patrol Section 4	2003	Front End Loader	\$ 250,000
401049	7	High	5140	Highway - Patrol Section 4	1984	Air compressor - towable	\$ 25,000
401062	7	High	5140	Highway - Patrol Section 4	1996	Air compressor - towable	\$ 25,000
105049	12	High	5150	Highway - Special Maintenance	1990	Dumptruck - Single axle	\$ 70,000
106534	12	High	5160	Highway - Patrol Section 3	2005	Stakebody Truck	\$ 130,000
401060	7	High	5160	Highway - Patrol Section 3	1993	Air compressor - towable	\$ 25,000
811006	7	High	5160	Highway - Patrol Section 3	1990	Pressure Washer - towable	\$ -
923031	7	High	5160	Highway - Patrol Section 3	1989	Water/Trash Pump	\$ 20,000
153061	7	High	5190	Highway - Administration	2010	SUV	\$ 40,000
153063	7	High	5190	Highway - Administration	2010	SUV	\$ 40,000
							\$ 1,986,000
DISTRICT ATTORNEY							
114682	7	High	4501	District Attorney	2010	Sedan	\$ 28,000
114683	7	High	4501	District Attorney	2010	Sedan	\$ 28,000
153066	7	High	4501	District Attorney	2011	SUV	\$ 40,000
153072	7	High	4501	District Attorney	2010	SUV	\$ 40,000
							\$ 136,000
BEHAVIORAL HEALTH							
165959	7	High	6312	BHD	2007	Sedan	\$ 24,000
							\$ 24,000
ME'S OFFICE							
153049	7	High	4900	ME's Office	2005	SUV	\$ 50,000
							\$ 50,000
FACILITIES							
152003	7	High	5702	Facilities	1998	Van	\$ 35,000
152004	7	High	5702	Facilities	1998	Van	\$ 35,000
152005	7	High	5702	Facilities	2001	Van	\$ 35,000
152006	7	High	5702	Facilities	2001	Van	\$ 35,000
							\$ 140,000

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

EQUIP	DEPR	PRIORITY	DEPT	ORGANIZATION	EQUIP	EQUIPMENT	TOTAL
NUMBER	LIFE	CODE	CODE	DESCRIPTION	YEAR	DESCRIPTION	BUDGET
FLEET							
102454	7	High	5300	Fleet	2003	Pickup Truck 4x4	\$ 34,000
103110	12	High	5300	Fleet	2004	Service Truck	\$ 109,000
812012	12	High	5300	Fleet	1985	Forklift	\$ 29,000
812014	12	High	5300	Fleet	1984	Telehandler	\$ 100,000
							\$ 272,000
ZOO							
41115	12	High	9523	Zoo	2000	Utility Vehicle 4x4 w/ cab	\$ 28,000
43000	12	High	9523	Zoo	2002	72" Mower w/snowblower and plow	\$ 50,000
205259	12	High	9523	Zoo	2003	Skidsteer w/ attachments	\$ 65,000
							\$ 143,000
				TOTAL OF WO112014-GENERAL FLEET EQUIPMENT			\$ 2,751,000

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WO11203 – FLEET SHERIFF EQUIPMENT

An appropriation of \$800,000 is budgeted for vehicle and equipment replacement. Financing is provided from \$800,000 in general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

Replacement of vehicles and equipment.

Debt for equipment acquisitions will be included in the County's short-term debt issues, vehicles and attachments. The actual costs, including interest paid, will be charged to sheriff department, which is a continuation of the practice adopted in the 2010 Budget. The Sheriff department will continue 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 the established allotment.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2016 Adopted Capital Budget included \$710,000 for eighteen Sheriff vehicles.

2017 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.

2018 – 2021 Scope of Work:

This is an ongoing project to replace equipment at the end of its useful life.

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.

Staffing Plan

DOT – Fleet Management staff will be responsible for overall project management. Specialized consultants will be retained as needed.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO112	Sub-Project No. WO11203	Sub-Project Title SHERIFF FLEET EQUIPMENT	4789-2010
Requesting Department or Agency DEPT OF TRANSP - FLEET MANAGEMENT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF TRANSPORTATION - FLEET MANAGEMENT		Capital Category VEHICLES & EQUIPMENT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$800,000	\$0	\$0	\$0	\$800,000
2018	\$800,000	\$0	\$0	\$0	\$800,000
2019	\$840,000	\$0	\$0	\$0	\$840,000
2020	\$840,000	\$0	\$0	\$0	\$840,000
2021	\$850,000	\$0	\$0	\$0	\$850,000
TOTAL	\$4,130,000	\$0	\$0	\$0	\$4,130,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016)¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$150,000	\$0	\$150,000
2016*	\$710,000	\$0	\$710,000
TOTAL	\$860,000	\$0	\$860,000

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$800,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$800,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$860,000	\$800,000	\$3,330,000	\$4,990,000
Other	\$0	\$0	\$0	\$0
TOTAL	\$860,000	\$800,000	\$3,330,000	\$4,990,000

Sub-Project Schedule

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

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WO11204 – FLEET HOUSE OF CORRECTION EQUIPMENT

An appropriation of \$141,000 is budgeted for vehicle and equipment replacement. Financing is provided from \$141,000 in general obligation bonds.

2016 Sub-Project Addresses the following item/issue:

Replacement of vehicles and equipment.

Debt for equipment acquisitions will be included in the County's short-term debt issues, vehicles and attachments. The actual costs, including interest paid, will be charged to House of Correction, which is a continuation of the practice adopted in the 2010 Budget. The House of Correction department will continue 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 the established allotment.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2016 Adopted Capital Budget included six House of Correction vehicles for \$259,000.

2017 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.

2018 – 2021 Scope of Work:

This is an ongoing project to replace equipment at the end of its useful life.

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.

Staffing Plan

DOT – Fleet Management staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WO112	Sub-Project No. WO11204	Sub-Project Title HOUSE OF CORRECTION FLEET EQUIPMENT	4789-2010
Requesting Department or Agency DEPT OF TRANSP - FLEET MANAGEMENT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF TRANSPORTATION - FLEET MANAGEMENT		Capital Category VEHICLES & EQUIPMENT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$141,000	\$0	\$0	\$0	\$141,000
2018	\$250,000	\$0	\$0	\$0	\$250,000
2019	\$255,000	\$0	\$0	\$0	\$255,000
2020	\$260,000	\$0	\$0	\$0	\$260,000
2021	\$265,000	\$0	\$0	\$0	\$265,000
TOTAL	\$1,171,000	\$0	\$0	\$0	\$1,171,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016)¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$168,000	\$168,000
2014	\$0	\$0	\$0
2015	\$193,490	\$0	\$193,490
2016*	\$259,000	\$0	\$259,000
TOTAL	\$452,490	\$168,000	\$620,490

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$141,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$141,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$620,490	\$141,000	\$1,030,000	\$1,791,490
Other	\$0	\$0	\$0	\$0
TOTAL	\$620,490	\$141,000	\$1,030,000	\$1,791,490

Sub-Project Schedule

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

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

EQUIP	DEPR	PRIORITY	DEPT	ORGANIZATION	EQUIP	EQUIPMENT	MAIN	TOTAL
NUMBER	LIFE	CODE	CODE	DESCRIPTION	YEAR	DESCRIPTION	UNIT	BUDGET
HOUSE OF CORRECTION								
	7		4311	House of Corrections	2001	1 ton Dump with plow	\$ 40,000	\$ 60,000
	7		4311	House of Corrections		Minivan	\$ 26,000	\$ 26,000
	7		4311	House of Corrections		Minivan	\$ 26,000	\$ 26,000
	7		4311	House of Corrections		Sedan	\$ 24,000	\$ 29,000
						TOTAL OF WO112044-HOUSE OF CORRECTION EQ		\$ 141,000

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WO11205 – FLEET PARKS EQUIPMENT

An appropriation of \$2,100,000 is budgeted for vehicle and equipment replacement. Financing is provided from \$2,100,000 in general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

Replacement of vehicles and equipment.

Debt for equipment acquisitions will be included in the County's short-term debt issues, vehicles and attachments. The actual costs, including interest paid, will be charged to Parks department, which is a continuation of the practice adopted in the 2010 Budget. The Parks department will continue 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 the established allotment.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2016 Adopted Capital Budget included twenty-one Parks vehicles and thirty-four pieces of mowing equipment for \$2,257,000.

2017 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.

2018 – 2021 Scope of Work:

This is an ongoing project to replace equipment at the end of its useful life.

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.

Staffing Plan

DOT – Fleet Management staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WO112	Sub-Project No. WO11205	Sub-Project Title FLEET PARKS EQUIPMENT	4789-2010
Requesting Department or Agency DEPT OF TRANSP - FLEET MANAGEMENT		Functional Group TRANSPORTATION AND PUBLIC WORKS	
Managing Department or Agency DEPT OF TRANSPORTATION - FLEET MANAGEMENT		Capital Category VEHICLES & EQUIPMENT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$2,100,000	\$0	\$0	\$0	\$2,100,000
2018	\$3,150,000	\$0	\$0	\$0	\$3,150,000
2019	\$2,800,000	\$0	\$0	\$0	\$2,800,000
2020	\$2,520,000	\$0	\$0	\$0	\$2,520,000
2021	\$2,430,000	\$0	\$0	\$0	\$2,430,000
TOTAL	\$13,000,000	\$0	\$0	\$0	\$13,000,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$1,500,000	\$285,600	\$1,785,600
2014	\$2,130,400	\$0	\$2,130,400
2015	\$225,000	\$0	\$225,000
2016*	\$2,257,000	\$0	\$2,257,000
TOTAL	\$6,112,400	\$285,600	\$6,398,000

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$2,100,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$2,100,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$6,398,000	\$2,100,000	\$10,900,000	\$19,398,000
Other	\$0	\$0	\$0	\$0
TOTAL	\$6,398,000	\$2,100,000	\$10,900,000	\$19,398,000

Sub-Project Schedule

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

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

EQUIP	DEPR	PRIORITY	DEPT	ORGANIZATION	EQUIP	EQUIPMENT	TOTAL
NUMBER	LIFE	CODE	CODE	DESCRIPTION	YEAR	DESCRIPTION	BUDGET
PARKS GENERAL EQUIPMENT							
101006	7	High	9125	Parks- North	2005	Pickup Truck 4x4 Crew Cab	\$ 34,000
102473	7	High	9136	Parks- Central	2005	Pickup Truck 4x4 w/plow	\$ 36,000
102478	7	High	9167	Parks- Aquatics	2005	Pickup Truck 4x4 w/plow	\$ 36,000
105148	12	High	9420	Parks- Forestry	2002	Chipper Truck	\$ 160,000
105149	12	High	9420	Parks- Forestry	2002	Chipper Truck	\$ 160,000
152007	7	High	9430	Parks- Maintenance	2001	Cargo Van	\$ 35,000
153045	7	High	9420	Parks- Forestry	2002	SUV	\$ 40,000
207005	12	High	9155	Parks- South	2000	16' Mower	\$ 61,000
207011	12	High	9155	Parks- South	2000	16' Mower	\$ 61,000
1224	12	High	9420	Parks- Forestry	2000	Tar Kettle	\$ 50,000
173168	12	High	9036	Parks- Golf	1995	Turf Truck	\$ 28,000
173176	12	High	9036	Parks- Golf	2000	Turf Truck	\$ 28,000
173177	12	High	9036	Parks- Golf	2000	Turf Truck	\$ 28,000
173179	12	High	9036	Parks- Golf	2000	Turf Truck	\$ 28,000
173181	12	High	9036	Parks- Golf	2000	Turf Truck	\$ 28,000
21014	12	High	9036	Parks- Golf	2001	Fairway Mower	\$ 52,000
21016	12	High	9036	Parks- Golf	2001	Fairway Mower	\$ 52,000
21019	12	High	9036	Parks- Golf	2001	Fairway Mower	\$ 52,000
21201	12	High	9036	Parks- Golf	2002	Fairway Mower	\$ 52,000
21202	12	High	9036	Parks- Golf	2002	Fairway Mower	\$ 52,000
43143	12	High	9155	Parks- South Region	1999	Sand Rake	\$ 23,000
43145	12	High	9155	Parks- South Region	1999	Sand Rake	\$ 23,000
40201	12	High	9155	Parks- South Region	2002	11' Mower	\$ 62,000
40202	12	High	9136	Parks- Central Region	2002	11' Mower	\$ 62,000
40204	12	High	9155	Parks- South Region	2002	11' Mower	\$ 62,000
40206	12	High	9036	Parks- Golf	2002	11' Mower	\$ 62,000
40208	12	High	9155	Parks- Central Region	2002	11' Mower	\$ 62,000
40210	12	High	9036	Parks- Golf	2002	11' Mower	\$ 62,000
40211	12	High	9155	Parks- South Region	2002	11' Mower	\$ 62,000
40213	12	High	9155	Parks- South Region	2002	11' Mower	\$ 62,000
40218	12	High	9136	Parks- Central Region	2002	11' Mower	\$ 62,000
20153	12	High	9036	Parks- Golf	1994	Greens Mower	\$ 35,000
20159	12	High	9036	Parks- Golf	1994	Greens Mower	\$ 35,000
20161	12	High	9036	Parks- Golf	1994	Greens Mower	\$ 35,000
20162	12	High	9036	Parks- Golf	1994	Greens Mower	\$ 35,000
20164	12	High	9036	Parks- Golf	1995	Greens Mower	\$ 35,000
20166	12	High	9036	Parks- Golf	1997	Greens Mower	\$ 35,000
42389	12	High	9155	Parks- South Region	2002	60" Mower	\$ 62,000
43211	12	High	9136	Parks- Central Region	2002	72" Mower	\$ 62,000
43154	12	High	9125	Parks- North Region	2002	72" Mower	\$ 62,000
4917	12	High	9125	Parks- Golf	1987	Tandem Equipment Trailer	\$ 6,000
4920	12	High	9125	Parks- South Region	1987	Tandem Equipment Trailer	\$ 7,000
49156	12	High	9125	Parks- Horticulture	1994	Tandem Equipment Trailer	\$ 7,000
49152	12	High	9125	Parks- North Region	1996	Tandem Equipment Trailer	\$ 7,000
GRAND TOTAL OF WO112054-PARKS EQUIPMENT							\$ 2,100,000

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**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WO30301 – PUBLIC SAFETY DATA INTEROPERABILITY

An appropriation of \$275,000 is budgeted for the implementation of technology that will integrate public safety data for intelligent analytics. Financing is provided from \$150,000 in sales tax revenue and \$125,000 in tax levy.

2017 Sub-Project Addresses the following item/issue:

The Milwaukee County Office of Emergency Management (OEM) is processing renewal of the Municipal Emergency Medical Services (EMS) contract with ten (10) local fire departments for 2017-2020. If approved by the Intergovernmental Cooperation Council (ICC) and the County Board of Supervisors, tax levy that would have otherwise gone towards payments to communities for EMS, can be redirected towards defraying the costs of OEM capital projects that benefit County municipalities. ¹

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes the development of an integrator or intelligent hub-model which creates a data feed between 9-1-1 CAD systems.

2018 – 2021 Scope of Work:

Continuation of the project would occur through 2018. Estimated 2018 costs are approximately \$677,000 and will complete complete the sub-project.

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.

Staffing Plan

Milwaukee County DAS IMSD staff, in cooperation with a sub-contractor, will be responsible for overall project management with specialized consulting services as needed.

¹ To reflect the anticipated changes in the EMS agreement, tax levy in the 2017 OEM operating budget was reduced by \$125,000 and 2017 financing of \$125,000 in tax levy is included in sub-project WO30301. The 2018 estimated project costs are anticipated to be financed by \$250,000 in tax levy (resulting from the anticipated changes in the EMS agreement) and \$427,000 in sales tax revenue.

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

Project No. WO303	Sub-Project No. WO30301	Sub-Project Title PUBLIC SAFETY DATA INTEROPERABILITY	4789-2010
Requesting Department or Agency OFFICE OF EMERGENCY MANAGEMENT		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - INFORMATION MANAGEMENT SERVICES		Capital Category TECHNOLOGY & ELECTRONIC EQUIPMENT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$275,000	\$0	\$0	\$0	\$275,000
2018	\$677,000	\$0	\$0	\$0	\$677,000
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$952,000	\$0	\$0	\$0	\$952,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$150,000
Property Tax Revenue	\$125,000
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$275,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$275,000	\$677,000	\$952,000
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0
TOTAL	\$0	\$275,000	\$677,000	\$952,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	TBD
Complete Final Plans & Specs	TBD
Begin Construction/Purchase Asset	TBD
Construction Substantially Completed	TBD
Scheduled Project Closeout	December-17

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

2017 ADOPTED CAPITAL IMPROVEMENTS MILWAUKEE COUNTY

WO44701 – CCFC CAMERA SYSTEM

An appropriation of \$686,028 is budgeted for Phase 2 of the CCFC Camera System project. Financing is provided from general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

The current security camera system has exceeded its useful life by more than 6 years and is failing. Several cameras are not functioning and many others have resolution issues which are an indication of failure. Cameras can no longer be individually replaced due to non-compatible software. Several areas within the CJF are not currently monitored and need to be added to the system.

Project WO447 was created in the 2015 Adopted Capital Improvements Budget in order to establish a multi-year program (2015-2017) to add or replace approximately 295 cameras, implement an expandable platform, and add servers and storage to the security camera system in the CJF, Courthouse and Safety Building.

This project addresses critical life safety issues. Effective monitoring of the activities inside the CJF, Courthouse and Safety Building protects the safety and security of inmates, employees and the general public.

An expanded, efficient surveillance camera system will provide pro-active responses and faster lead times for conflicts. Increased lead times to resolve issues will decrease conflict escalations and decrease the need for use of force.

Pending litigation has necessitated an increased need for an upgraded and expanded camera system. Milwaukee County is liable for the mistreatment of inmates, employees or the general public while inside the CJF, Courthouse and Safety Building. Recorded evidence is vital when litigation is concerned.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

The 2015 Adopted Capital Improvement Budget included an appropriation of \$667,391 to begin the planning, design, infrastructure upgrades and purchase of a new expandable video management system and add cameras to locations that do not currently have cameras, increase data storage and add additional servers. This work is currently ongoing and is expected to be complete by the end of 2017.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes continued replacement of old outdated cameras within the CJF with new ones and add them to the expandable platform which was added in phase 1. Additional servers and storage will be added to the base to support the new cameras.

2018 – 2021 Scope of Work:

Phase 3 of a 3 phase project. Phase 3 has an expected cost of \$663,731 and will replace the old and outdated cameras in the Safety Building and the Courthouse with new ones and add them to the expandable platform and add additional servers to support the new cameras.

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.

Staffing Plan

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

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WO447	Sub-Project No. WO44701	Sub-Project Title CCFC CAMERA SYSTEM	4789-2010
Requesting Department or Agency OFFICE OF THE SHERIFF		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - INFORMATION MANAGEMENT SERVICES		Capital Category TECHNOLOGY & ELECTRONIC EQUIPMENT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$686,028	\$0	\$0	\$0	\$686,028
2018	\$663,731	\$0	\$0	\$0	\$663,731
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,349,759	\$0	\$0	\$0	\$1,349,759

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$667,391	\$0	\$667,391
2016*	\$0	\$0	\$0
TOTAL	\$667,391	\$0	\$667,391

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$686,028
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$686,028

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$7,500	\$0	\$7,500
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$667,391	\$678,528	\$663,731	\$2,009,650
Other	\$0	\$0	\$0	\$0
TOTAL	\$667,391	\$686,028	\$663,731	\$2,017,150

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	December-16
Complete Final Plans & Specs	January-17
Begin Construction/Purchase Asset	January-17
Construction Substantially Completed	June-17
Scheduled Project Closeout	December-18

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WO46501 – TRAINING ACADEMY BOILER SYSTEM REPLACEMENT

An appropriation of \$188,000 is budgeted for Training Academy Boiler Replacement. Financing is provided from \$188,000 in general obligation bonds.

2017 Sub-Project Addresses the following item/issue:

Within the next two (2) years the boiler system will need to be replaced at the Training Academy. Boiler costs vary greatly and contractors would need to be brought in to give an exact estimate. The boilers are now 14 years old, have had heating elements replaced in 2012 and are near the end of their anticipated life span. The Training Academy is a 47,000 square foot facility built in 2002.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work:

The 2017 scope of work includes the planning, survey, design, specifications, construction documents, and construction work. The existing two (2) boilers will be replaced by two (2) high efficiency sealed combustion boilers along with controls. This project is anticipated to be complete in 2017.

2018 – 2021 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.

Staffing Plan

Department of Administration Services – Facilities Management Division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WO465	Sub-Project No. WO46501	Sub-Project Title TRAINING ACADEMY- BOILER SYSTEM REPLACEMENT	4789-2010
Requesting Department or Agency OFFICE OF THE SHERIFF		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - FACILITIES MANAGEMENT		Capital Category FACILITY MECHANICALS & SYSTEMS	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$188,000	\$0	\$0	\$0	\$188,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$188,000	\$0	\$0	\$0	\$188,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$0
Property Tax Revenue	\$0
Miscellaneous Revenue	\$0
G.O. Bonds & Notes	\$188,000
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$188,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$16,000	\$0	\$16,000
Construction & Implementation	\$0	\$170,500	\$0	\$170,500
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$0	\$0	\$0
Other	\$0	\$1,500	\$0	\$1,500
TOTAL	\$0	\$188,000	\$0	\$188,000

Sub-Project Schedule

Sub-Project Schedule	Month/Year
Complete Site Acquisition	NA
Complete Preliminary Plan	April-17
Complete Final Plans & Specs	May-17
Begin Construction/Purchase Asset	July-17
Construction Substantially Completed	August-17
Scheduled Project Closeout	September-17

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

WO17801 – MCSO RUGGED MODEMS

An appropriation of \$120,000 is budgeted for the replacement of USB broadband cards with rugged modems in approximately 84 existing MCSO vehicles. Financing is provided from \$120,000 in sales tax revenue.

2017 Sub-Project Addresses the following item/issue:

Approximately 100 existing MCSO vehicles need an upgrade to rugged modems from the current use of USB broadband cards for internet access. USB broadband cards are not designed to withstand the 24 hours, 7 days a week use that MCSO needs to function in the field. The USB broadband cards are failing at a much faster pace than the anticipated useful life. Repairs are difficult and short lived and the cards are no longer being manufactured.

In 2016, rugged modems will be installed on 16 new MCSO vehicles and any future vehicle added to the MCSO fleet.

It is critical to have information available to a law enforcement officer when interacting with the public. Access to Phoenix RMS, NCIC (National Crime Information Center) lookups and CAD when out in the field is vital. These tools are used to assist with identification, criminal background checks and current warrant status. Having this information available helps the officer to be better prepared for what type of interaction they may encounter and to be more highly sensitized to potential risk to themselves and the public.

Reliability of Network and GPS connections in the field will increase the efficiency of officer reactions, increase the apprehension of criminals and improve public safety.

Prior Year Authorized Sub-Project Work Completed and/or Ongoing:

None.

2017 Sub-Project Scope of Work

Approximately 100 existing MCSO vehicles will be upgraded to rugged modems. This project should be complete by the end of 2017.

2018 – 2021 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.

Staffing Plan

Department of Administration Services – IMSD division staff will be responsible for overall project management. Specialized consultants will be retained as needed.

**2017 ADOPTED CAPITAL IMPROVEMENTS
MILWAUKEE COUNTY**

Project No. WO178	Sub-Project No. WO17801	Sub-Project Title MCSO RUGGED MODEMS	4789-2010
Requesting Department or Agency COUNTY BOARD		Functional Group GENERAL GOVERNMENT	
Managing Department or Agency DEPT OF ADMN SERVICES - INFORMATION MANAGEMENT SERVICES		Capital Category TECHNOLOGY & ELECTRONIC EQUIPMENT	

Capital Sub-Project Cost and Reimbursement Revenue By Year (2017 - 2021)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2017	\$120,000	\$0	\$0	\$0	\$120,000
2018	\$0	\$0	\$0	\$0	\$0
2019	\$0	\$0	\$0	\$0	\$0
2020	\$0	\$0	\$0	\$0	\$0
2021	\$0	\$0	\$0	\$0	\$0
TOTAL	\$120,000	\$0	\$0	\$0	\$120,000

Prior Year(s) Appropriations for Sub-Project (2012 - 2016) ¹

BUDGET YEAR	CAPITAL APPROPRIATION		TOTAL APPROPRIATIONS
	ADOPTED BUDGET	APPROPRIATION TRANSFER	
2012	\$0	\$0	\$0
2013	\$0	\$0	\$0
2014	\$0	\$0	\$0
2015	\$0	\$0	\$0
2016*	\$0	\$0	\$0
TOTAL	\$0	\$0	\$0

2017 Budget Year Financing	
Federal, State and Local Aids	\$0
Sales and Use Tax Revenue	\$120,000
Property Tax Revenue	\$0
G.O. Bonds & Notes	\$0
Airport Reserve	\$0
Investment Earnings	\$0
PFC Revenue	\$0
Revenue Bonds	\$0
Gifts & Cash	\$0
Contributions	\$0
Other Revenue	\$0
Total Budget Year Financing	\$120,000

Capital Sub-Project Breakdown (2012 - 2021)

PROJECT BY PHASE	PRIOR YEAR(S) APPROPRIATION	2017 APPROPRIATION	2018 - 2021 APPROPRIATION	TOTAL APPROPRIATION
Basic Planning & Design	\$0	\$0	\$0	\$0
Construction & Implementation	\$0	\$0	\$0	\$0
Right-of-Way Acquisition	\$0	\$0	\$0	\$0
Equipment	\$0	\$120,000	\$0	\$120,000
TOTAL	\$0	\$120,000	\$0	\$120,000

Sub-Project Schedule

	Month/Year
Complete Site Acquisition	
Complete Preliminary Plan	N/A
Complete Final Plans & Specs	N/A
Begin Construction/Purchase Asset	N/A
Construction Substantially Completed	N/A
Scheduled Project Closeout	N/A

¹ Appropriations shown reflect the total cost of the sub-project as funded by all County, Local/Other, State, and Federal sources.

* Due to the timing of the annual budget process, 2016 only represents the Adopted Budget Appropriation(s).

**2017 ADOPTED CAPITAL IMPROVEMENTS
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
2017 - 2021**

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Project Number	Project	2017: BREAKDOWN OF FUNDING			2018: BREAKDOWN OF FUNDING			2019: BREAKDOWN OF FUNDING			2020: BREAKDOWN OF FUNDING			2021: BREAKDOWN OF FUNDING		
		Adopted Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION
TRANSPORTATION AND PUBLIC WORKS																
1200 Highway																
WH000119	CTH U and CTH BB Intersection (2160-01-02)	959,730	452,389	507,341	0	0	0	0	0	0	0	0	0	0	0	
Total WH0001		959,730	452,389	507,341	0	0	0	0	0	0	0	0	0	0	0	
WH00206	W. Good Hope Rd. Corridor Adaptive Signal Contrl	468,000	374,400	93,600	0	0	0	0	0	0	0	0	0	0	0	
Total WH0002		468,000	374,400	93,600	0	0	0	0	0	0	0	0	0	0	0	
WH01002	Mill Rd. 43rd St. to Sydney Pl.	750,000	0	750,000	0	0	0	0	0	0	0	0	0	0	0	
WH01006	Reconstruct CTH "Y" Layton Avenue 27th to 43rd	0	0	0	400,000	320,000	80,000	1,140,000	912,000	228,000	3,190,000	2,552,000	638,000	0	0	
WH01008	Reconstruct CTH "N" South 92nd Street	0	0	0	225,000	1,203,000	2,397,000	3,600,000	1,203,000	0	0	0	0	0	0	
WH01014	N. Pl. Washington Rd.: Daphne to Good Hope	0	0	0	0	0	0	0	0	0	175,000	0	0	0	0	
WH01016	Reconst. 13th: Drexel to Rawson	500,000	400,000	100,000	5,800,000	4,650,000	1,150,000	300,000	240,000	60,000	4,500,000	3,600,000	900,000	0	0	
WH01022	Reconstruct, S. 13th St. Puetz to Drexel	0	0	0	550,000	440,000	110,000	625,000	500,000	125,000	625,000	500,000	125,000	13,800,000	11,040,000	2,760,000
WH01023	Reconstruct, S. 76th St., County Line to Puetz	0	0	0	500,000	400,000	100,000	5,665,000	2,855,000	2,810,000	8,490,000	6,652,000	1,838,000	15,200,000	11,740,000	3,460,000
Total WH010		1,250,000	400,000	850,000	7,475,000	5,810,000	1,665,000	5,665,000	2,855,000	2,810,000	8,490,000	6,652,000	1,838,000	15,200,000	11,740,000	3,460,000
WH02017	W. Layton Ave. - S. 76th St. to S. 60th St.	0	0	0	0	0	0	175,000	0	175,000	1,450,000	650,000	800,000	0	0	
WH02018	W. Layton Ave. - S. 60th St. to W. Loomis Rd.	0	0	0	0	0	0	0	0	0	175,000	0	175,000	1,450,000	800,000	
WH02019	N Teutonia Ave. (W. Good Hope to W. Bradley)	100,000	0	100,000	3,500,000	1,349,000	2,151,000	0	0	0	0	0	0	0	0	
Total WH020		100,000	0	100,000	3,500,000	1,349,000	2,151,000	175,000	0	175,000	1,625,000	650,000	975,000	1,450,000	800,000	
WH03014	W. Vienna Ave. - Menomonee River #771	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total WH030		0	0	0	0	0										
WH08023	Whitnall Park Bridge #564	589,390	388,283	201,107	0	0	0	0	0	0	0	0	0	0	0	
WH08024	Whitnall Park Bridge #565	644,825	433,873	210,952	0	0	0	0	0	0	0	0	0	0	0	
Total WH080		1,234,215	822,156	412,059	0	0	0	0	0	0	0	0	0	0	0	
WH09001	West Ryan Road (CTH H) - S 96th St to S 112th St	1,540,000	713,000	827,000	0	0	0	0	0	0	0	0	0	0	0	
Total WH090		1,540,000	713,000	827,000	0	0	0	0	0	0	0	0	0	0	0	
WH09101	Short Term CTH Rehabilitation-Maint. Projects	500,000	0	500,000	500,000	500,000	500,000	500,000	0	500,000	500,000	0	500,000	500,000	500,000	
Total WH091		500,000	0	500,000	500,000	500,000	500,000	500,000	0	500,000	500,000	0	500,000	500,000	500,000	
WH09201	S. 76th St. & W. Layton Ave. Adapt Signal System	0	0	0	425,000	340,000	85,000	0	0	0	0	0	0	0	0	
Total WH092		0	0	0	425,000	340,000	85,000	0	0	0	0	0	0	0	0	
WH09401	W. Rawson Ave Int w/ 10th St. & 6th St.	0	0	0	759,445	683,500	75,945	0	0	0	0	0	0	0	0	
Total WH094		0	0	0	759,445	683,500	75,945	0	0	0	0	0	0	0	0	
WH09501	W. Rawson Ave - S. 27th St to S. 20th St.	150,000	120,000	30,000	225,000	180,000	45,000	125,000	100,000	25,000	2,700,000	2,160,000	540,000	0	0	
Total WH095		150,000	120,000	30,000	225,000	180,000	45,000	125,000	100,000	25,000	2,700,000	2,160,000	540,000	0	0	
WH09601	S. 13th St. - W. Ryan Rd to W. Puetz Rd.	0	0	0	0	0	0	200,000	160,000	40,000	325,000	260,000	65,000	0	0	
Total WH096		0	0	0	0	0	0	200,000	160,000	40,000	325,000	260,000	65,000	0	0	
WH09701	E. North Ave Bridge over Oak Leaf Bkpe Trail	0	0	0	0	0	0	1,800,000	1,440,000	360,000	0	0	0	0	0	
Total WH097		0	0	0	0	0	0	1,800,000	1,440,000	360,000	0	0	0	0	0	
WH09801	S. 76th St. Bridge over Loomis Rd.	0	0	0	170,000	136,000	34,000	0	0	0	1,000,000	800,000	200,000	0	0	
Total WH098		0	0	0	170,000	136,000	34,000	0	0	0	1,000,000	800,000	200,000	0	0	
WH10001	S. 13th St. Bridge over Oak Creek	0	0	0	170,000	136,000	34,000	0	0	0	0	0	0	0	0	
Total WH100		0	0	0	170,000	136,000	34,000	0	0	0	0	0	0	0	0	
WH10101	N. Oakland Ave. Bridge over Oak Leaf Bike Trail	0	0	0	200,000	160,000	40,000	0	0	0	1,400,000	1,120,000	280,000	0	0	
Total WH101		0	0	0	200,000	160,000	40,000	0	0	0	1,400,000	1,120,000	280,000	0	0	
WH10201	S. 76th St. Bridge over W. Forest Home Ave.	0	0	0	170,000	136,000	34,000	0	0	0	1,000,000	800,000	200,000	0	0	
Total WH102		0	0	0	170,000	136,000	34,000	0	0	0	1,000,000	800,000	200,000	0	0	
WH10301	W. Good Hope Rd. #374 over Milwaukee River	0	0	0	0	0	0	150,000	120,000	30,000	0	0	0	0	0	
Total WH103		0	0	0	0	0	0	150,000	120,000	30,000	0	0	0	0	0	

Project Number	Project	2017: BREAKDOWN OF FUNDING			2018: BREAKDOWN OF FUNDING			2019: BREAKDOWN OF FUNDING			2020: BREAKDOWN OF FUNDING			2021: BREAKDOWN OF FUNDING		
		Adopted Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION
WA21701	GMIA 2017 Airfield Safety Improvements	517,000	452,375	64,625	517,000	452,375	64,625	517,000	452,375	64,625	517,000	452,375	64,625	517,000	452,375	64,625
	Total WA217	517,000	452,375	64,625												
WA21801	GMIA 2017 Airfield Pavement Replacement	1,293,000	1,131,375	161,625	1,120,000	980,000	140,000	1,120,000	980,000	140,000	1,120,000	980,000	140,000	1,120,000	980,000	140,000
	Total WA218	1,293,000	1,131,375	161,625	1,120,000	980,000	140,000									
WA21901	GMIA 2018 Deicer Pads 19R	0	0	0	14,075,000	12,315,625	1,759,375	0	0	0	0	0	0	0	0	0
	Total WA219	0	0	0	14,075,000	12,315,625	1,759,375	0	0	0	0	0	0	0	0	0
WA22001	GMIA Connection Taxways Modifications	3,162,000	2,766,750	395,250	0	0	0	4,386,000	3,838,000	548,000	0	0	0	0	0	0
	Total WA220	3,162,000	2,766,750	395,250	0	0	0	4,386,000	3,838,000	548,000	0	0	0	0	0	0
WA22101	GMIA International Terminal Redevelopment	4,589,000	0	4,589,000	37,370,000	0	37,370,000	0	0	0	0	0	0	0	0	0
	Total WA221	4,589,000	0	4,589,000	37,370,000	0	37,370,000	0	0	0	0	0	0	0	0	0
WA22401	LJT Pavement Replacement and Rehabilitation 2016	450,000	427,500	22,500	450,000	427,500	22,500	450,000	427,500	22,500	450,000	427,500	22,500	450,000	427,500	22,500
	Total WA224	450,000	427,500	22,500												
WA	Total Airport	15,304,000	6,959,375	8,344,625	54,532,000	14,175,500	40,356,500	13,899,000	5,697,875	8,201,125	6,087,000	1,859,875	4,227,125	6,087,000	1,859,875	4,227,125
1375	Environmental															
WV00901	County-wide Sanitary Sewers Repairs	150,000	0	150,000	100,000	0	100,000	100,000	0	100,000	150,000	0	150,000	100,000	0	100,000
	Total WV009	150,000	0	150,000	100,000	0	100,000	100,000	0	100,000	150,000	0	150,000	100,000	0	100,000
WV01201	Pond and Lagoon Demonstration Project	0	0	0	0	0	0	1,600,000	0	1,600,000	0	0	0	0	0	0
	Total WV012	0	0	0	0	0	0	1,600,000	0	1,600,000	0	0	0	0	0	0
WV01601	NR216 Stormwater TSS Controls	0	0	0	0	0	0	0	0	0	1,068,000	0	1,068,000	0	1,068,000	0
	Total WV016	0	0	0	0	0	0	0	0	0	1,068,000	0	1,068,000	0	1,068,000	0
WV02101	Oak Creek Streambank Stabilization	0	0	0	792,000	0	792,000	0	0	0	0	0	0	0	0	0
	Total WV021	0	0	0	792,000	0	792,000	0	0	0	0	0	0	0	0	0
WV02201	Franklin Landfill Infrastructure	0	0	0	250,000	0	250,000	0	0	0	0	0	0	0	0	0
	Total WV022	0	0	0	250,000	0	250,000	0	0	0	0	0	0	0	0	0
WV03601	Jackson Park Lagoon Shoreline	0	0	0	0	0	0	0	0	0	400,000	0	400,000	0	0	0
	Total WV036	0	0	0	0	0	0	0	0	0	400,000	0	400,000	0	0	0
WV03801	Diezka Park Lift Station	0	0	0	479,000	0	479,000	0	0	0	0	0	0	0	0	0
	Total WV038	0	0	0	479,000	0	479,000	0	0	0	0	0	0	0	0	0
WV04101	Oak Creek Skate Liftstation	0	0	0	350,000	0	350,000	0	0	0	0	0	0	0	0	0
	Total WV041	0	0	0	350,000	0	350,000	0	0	0	0	0	0	0	0	0
WV04201	Wilson Park Pond Remediation	0	0	0	400,000	0	400,000	0	0	0	0	0	0	0	0	0
	Total WV042	0	0	0	400,000	0	400,000	0	0	0	0	0	0	0	0	0
WV04301	Oakwood Lift Station Upgrade	0	0	0	250,000	0	250,000	0	0	0	0	0	0	0	0	0
	Total WV043	0	0	0	250,000	0	250,000	0	0	0	0	0	0	0	0	0
WV04401	Michel Park Lift Station Upgrade	0	0	0	0	0	0	0	0	0	250,000	0	250,000	0	0	0
	Total WV044	0	0	0	0	0	0	0	0	0	250,000	0	250,000	0	0	0
WV04501	HOC WWTP Demolition	0	0	0	0	0	0	0	0	0	0	0	0	295,000	0	295,000
	Total WV045	0	0	0	295,000	0	295,000									
WV04601	Warmont Park Gun Club Remediation	0	0	0	292,000	0	292,000	0	0	0	0	0	0	0	0	0
	Total WV046	0	0	0	292,000	0	292,000	0	0	0	0	0	0	0	0	0
WV04701	Freemong Park Pavilion Water & Sanitary	0	0	0	375,000	0	375,000	0	0	0	0	0	0	0	0	0
	Total WV047	0	0	0	375,000	0	375,000	0	0	0	0	0	0	0	0	0
WV	Total Environmental	150,000	0	150,000	3,288,000	0	3,288,000	1,700,000	0	1,700,000	1,868,000	0	1,868,000	1,463,000	0	1,463,000
	Total TRANSPORTATION AND PUBLIC WORKS	55,405,945	37,401,320	18,004,625	123,264,445	46,726,000	76,538,445	40,364,000	12,992,875	27,371,125	41,495,000	16,801,875	24,693,125	45,525,250	18,425,875	27,099,375

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		Adopted Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION
PARKS, RECREATION AND CULTURE																
WP03904	Washington Park Bridge Replacements	0	0	950,000	0	0	950,000	0	0	0	0	0	0	0	0	0
	Total WP039	0	0	950,000	0	0	950,000	0	0	0	0	0	0	0	0	0
WP05046	Lincoln Park Baseball Lighting	0	0	500,000	0	0	500,000	0	0	0	0	0	0	0	0	0
	Total WP050	0	0	500,000	0	0	500,000	0	0	0	0	0	0	0	0	0
WP06201	Golf Course Improvements	0	0	500,000	0	0	500,000	500,000	0	500,000	0	500,000	0	500,000	0	500,000
	Total WP062	0	0	500,000	0	0	500,000	500,000	0	500,000	0	500,000	0	500,000	0	500,000
WP09101	Bender Park Road to Boat Launch Replacement	0	0	87,000	0	0	87,000	870,000	0	870,000	0	870,000	0	870,000	0	870,000
	Total WP091	0	0	87,000	0	0	87,000	870,000	0	870,000	0	870,000	0	870,000	0	870,000
WP09201	Plyground Replacement Program	0	0	825,000	0	0	825,000	825,000	0	825,000	0	825,000	0	825,000	0	825,000
	Total WP092	0	0	825,000	0	0	825,000	825,000	0	825,000	0	825,000	0	825,000	0	825,000
WP09301	Pool Filter Replacement Program	0	0	200,000	0	0	200,000	200,000	0	200,000	0	200,000	0	200,000	0	200,000
	Total WP093	0	0	200,000	0	0	200,000	200,000	0	200,000	0	200,000	0	200,000	0	200,000
WP09401	Pool Dressing Yard Replacement Program	0	0	450,000	0	0	450,000	450,000	0	450,000	0	450,000	0	450,000	0	450,000
	Total WP094	0	0	450,000	0	0	450,000	450,000	0	450,000	0	450,000	0	450,000	0	450,000
WP09501	PARKS - ADA Access Improvement Program	0	0	250,000	0	0	250,000	250,000	0	250,000	0	250,000	0	250,000	0	250,000
	Total WP095	0	0	250,000	0	0	250,000	250,000	0	250,000	0	250,000	0	250,000	0	250,000
WP09601	Storm Sewers Outfall Reconstruction	0	0	250,000	0	0	250,000	250,000	0	250,000	0	250,000	0	250,000	0	250,000
	Total WP096	0	0	250,000	0	0	250,000	250,000	0	250,000	0	250,000	0	250,000	0	250,000
WP09701	Streambank Stabilization Program	0	0	0	0	0	0	300,000	0	300,000	0	300,000	0	300,000	0	300,000
	Total WP097	0	0	0	0	0	0	300,000	0	300,000	0	300,000	0	300,000	0	300,000
WP09801	McGovern Parking Lot Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total WP098	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WP12901	Baseball Fields	0	0	500,000	0	0	500,000	500,000	0	500,000	0	500,000	0	500,000	0	500,000
WP12904	Basketball Courts	0	0	200,000	0	0	200,000	200,000	0	200,000	0	200,000	0	200,000	0	200,000
WP12905	Tennis Courts	0	0	400,000	0	0	400,000	400,000	0	400,000	0	400,000	0	400,000	0	400,000
	Total WP129	0	0	1,100,000	0	0	1,100,000	1,100,000	0	1,100,000	0	1,100,000	0	1,100,000	0	1,100,000
WP16701	Parks Countywide Restroom Renovations	0	0	250,000	0	0	250,000	250,000	0	250,000	0	250,000	0	250,000	0	250,000
	Total WP167	0	0	250,000	0	0	250,000	250,000	0	250,000	0	250,000	0	250,000	0	250,000
WP20301	Kosciuszko Community Center HVAC	0	0	3,500,000	0	0	3,500,000	3,500,000	0	3,500,000	0	3,500,000	0	3,500,000	0	3,500,000
	Total WP203	0	0	3,500,000	0	0	3,500,000	3,500,000	0	3,500,000	0	3,500,000	0	3,500,000	0	3,500,000
WP22501	Oakwood Golf Course Cart Paths	0	0	777,000	0	0	777,000	777,000	0	777,000	0	777,000	0	777,000	0	777,000
	Total WP225	0	0	777,000	0	0	777,000	777,000	0	777,000	0	777,000	0	777,000	0	777,000
WP24701	Greenfield Park Shelter #3 RR Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WP24711	Greenfield Park Shelter #5 Replacement	0	0	100,600	0	0	100,600	905,400	0	905,400	0	905,400	0	905,400	0	905,400
	Total WP247	0	0	100,600	0	0	100,600	905,400	0	905,400	0	905,400	0	905,400	0	905,400
WP26701	Oak Leaf Parkway- Oak Leaf Trail Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total WP267	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WP27911	Lincoln Park Walkways	0	0	0	0	0	0	120,000	0	120,000	0	120,000	0	120,000	0	120,000
WP27940	Parks Walkways (2015-2018)	0	0	500,000	0	0	500,000	500,000	0	500,000	0	500,000	0	500,000	0	500,000
	Total WP279	0	0	500,000	0	0	500,000	620,000	0	620,000	0	620,000	0	620,000	0	620,000
WP28201	Brown Deer Park Pavement Replacement	0	0	400,000	0	0	400,000	4,000,000	0	4,000,000	0	4,000,000	0	4,000,000	0	4,000,000
	Total WP282	0	0	400,000	0	0	400,000	4,000,000	0	4,000,000	0	4,000,000	0	4,000,000	0	4,000,000
WP29001	KK Parkway - S 68th St to W Cleveland Ave	916,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WP29002	KK Parkway - S 68th St to S 76th St	823,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Total WP290		1,739,000	0	1,739,000	0	0	0	0	0	0	0	0	0	0	0	
WP29802	South Shore Improvement Phase 2	1,200,000	0	1,200,000	0	0	0	0	0	0	0	0	0	0	0	
Total WP298		1,200,000	0	1,200,000	0	0	0	0	0	0	0	0	0	0	0	
WP30202	Playground Resurface - Hoyt, Gordon, Cool Waters	0	0	0	361,000	0	361,000	0	0	0	0	0	0	0	0	
Total WP302		0	0	0	361,000	0	361,000	0	0	0	0	0	0	0	0	
WP32001	North Point Parking Lot	0	0	0	142,600	0	142,600	1,283,400	0	0	0	0	0	0	0	
Total WP320		0	0	0	142,600	0	142,600	1,283,400	0	0	0	0	0	0	0	
WP32201	Currie Park Clubhouse Parking Lot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total WP322		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WP32301	Menomonee River Streambank Stabilization	300,000	0	300,000	0	0	0	0	0	0	0	0	0	0	0	
Total WP323		300,000	0	300,000	0	0	0	0	0	0	0	0	0	0	0	
WP32501	Dineen Parking Lot b/w Splash Pad and Svc Yard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total WP325		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WP34201	Brown Deer Cross Country Trail Bridge	0	0	0	0	0	0	100,000	0	0	0	0	0	0	0	
Total WP342		0	0	0	0	0	0	100,000	0	0	0	0	0	0	0	
WP34401	Replace Incandescents with HPS	0	0	0	181,000	0	181,000	0	0	0	0	0	0	0	0	
Total WP344		0	0	0	181,000	0	181,000	0	0	0	0	0	0	0	0	
WP35701	Cool Waters Aquatic Center Runout Slide	0	0	0	0	0	0	120,000	0	0	0	0	0	0	0	
Total WP357		0	0	0	0	0	0	120,000	0	0	0	0	0	0	0	
WP36801	Roof Replacement Program	0	0	0	250,000	0	250,000	250,000	0	0	0	0	0	0	0	
Total WP368		0	0	0	250,000	0	250,000	250,000	0	0	0	0	0	0	0	
WP37201	McKinley Park Flushing Channel Seawall Replac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total WP372		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WP37301	Underwood Creek Multi-Use Trail (100th to 115th)	0	0	0	0	0	0	450,000	0	0	0	0	0	0	0	
Total WP373		0	0	0	0	0	0	450,000	0	0	0	0	0	0	0	
WP41114	Falk - Parking Lot	0	0	0	11,000	0	11,000	105,000	0	0	0	0	0	0	0	
WP41122	Various - Electrical Service	0	0	0	450,000	0	450,000	450,000	0	0	0	0	0	0	0	
WP41172	Various - HVAC	0	0	0	1,000,000	0	1,000,000	1,000,000	0	0	0	0	0	0	0	
Total WP411		0	0	0	1,461,000	0	1,461,000	1,555,000	0	0	0	0	0	0	0	
WP46401	Countywide Restroom Ventilation Replacements	0	0	0	0	0	0	300,000	0	0	0	0	0	0	0	
Total WP464		0	0	0	0	0	0	300,000	0	0	0	0	0	0	0	
WP46801	Sports Complex Make Up Air Units Replacement	0	0	0	465,000	0	465,000	0	0	0	0	0	0	0	0	
Total WP468		0	0	0	465,000	0	465,000	0	0	0	0	0	0	0	0	
WP47301	Little Menomonee Rvr Pkwy- Appleton to Leason Te	0	0	0	170,000	0	170,000	1,700,000	0	0	0	0	0	0	0	
Total WP473		0	0	0	170,000	0	170,000	1,700,000	0	0	0	0	0	0	0	
WP48401	Lake Park Ravine Bridge	2,500,000	0	2,500,000	0	0	0	0	0	0	0	0	0	0	0	
Total WP484		2,500,000	0	2,500,000	0	0	0	0	0	0	0	0	0	0	0	
WP49801	Underwood Creek Parkway Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total WP498		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WP49901	Root River Pkwy Reconstruction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total WP499		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WP51701	Noyes Park Hard Surfaces	0	0	0	80,000	0	80,000	400,000	0	0	0	0	0	0	0	
Total WP517		0	0	0	80,000	0	80,000	400,000	0	0	0	0	0	0	0	
WP52301	Lark Park Steel Arch Bridge	100,800	0	100,800	907,000	0	907,000	0	0	0	0	0	0	0	0	
Total WP523		100,800	0	100,800	907,000	0	907,000	0	0	0	0	0	0	0	0	

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WP52501	Point of Sale Replacement	0	0	0	1,200,000	0	1,200,000	0	0	0	0	0	0	0	0	0
Total WP525		0	0	0	1,200,000	0	1,200,000	0	0	0	0	0	0	0	0	0
WP52601	Washington Park Drive Reconstruction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total WP526		0	0	0												
WP52701	Honey Creek Pkwy Reconstruction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total WP527		0	0	0												
WP52801	Grant Park Pavement Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total WP528		0	0	0												
WP53001	Storage Sheds	37,000	0	37,000	0	0	0	0	0	0	0	0	0	0	0	0
Total WP530		37,000	0	37,000	0	0	0									
WP53101	Garden Homes PIP Playground Resurfacing	120,000	0	120,000	0	0	0	0	0	0	0	0	0	0	0	0
Total WP531		120,000	0	120,000	0	0	0									
WP53201	Holler Playground Improvements	275,000	0	275,000	0	0	0	0	0	0	0	0	0	0	0	0
Total WP532		275,000	0	275,000	0	0	0									
WP60802	Systemwide Building Demolition	0	0	0	450,000	0	450,000	0	0	0	0	0	0	0	0	0
Total WP608		0	0	0	450,000	0	450,000	0	0	0	0	0	0	0	0	0
WP62101	Holler Park Hard Surfaces	0	0	0	52,000	0	52,000	468,000	0	0	0	0	0	0	0	0
Total WP621		0	0	0	52,000	0	52,000	468,000	0	0	0	0	0	0	0	0
WP62501	Dreizka Golf Clubhouse Parking Lot	0	0	0	101,000	0	101,000	909,000	0	0	0	0	0	0	0	0
Total WP625		0	0	0	101,000	0	101,000	909,000	0	0	0	0	0	0	0	0
WP62601	Cool Waters Overflow Parking Lot	0	0	0	92,000	0	92,000	835,200	0	0	0	0	0	0	0	0
Total WP626		0	0	0	92,000	0	92,000	835,200	0	0	0	0	0	0	0	0
WP62801	Brown Deer Park Roadway	785,000	0	785,000	0	0	0	0	0	0	0	0	0	0	0	0
Total WP628		785,000	0	785,000	0	0	0									
WP62901	Boerner Botanical Comfort Station Renovation	356,000	0	356,000	0	0	0	0	0	0	0	0	0	0	0	0
Total WP629		356,000	0	356,000	0	0	0									
WP	Total "Parks, Recreation, & Culture"	7,412,800	0	7,412,800	16,552,200	0	16,552,200	18,691,000	0	18,691,000	14,548,000	0	14,548,000	13,016,000	0	13,016,000
1510	McKinley Marina															
WP49401	McKinley Marina Parking Lot Replace (E-K)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total WP494		0	0	0												
WP51201	McKinley Marina Parking Lots	0	0	0	2,100,000	0	2,100,000	2,100,000	0	0	0	0	0	0	0	0
Total WP512		0	0	0	2,100,000	0	2,100,000	2,100,000	0	0	0	0	0	0	0	0
WP51801	McKinley Center Marina Public Restroom Reno	0	0	0	200,000	0	200,000	0	0	0	0	0	0	0	0	0
Total WP518		0	0	0	200,000	0	200,000	0	0	0	0	0	0	0	0	0
WP	Total McKinley Marina	0	0	0	2,300,000	0	2,300,000	2,100,000	0	2,100,000	2,100,000	0	2,100,000	2,100,000	0	2,100,000
1550	Museum															
WM00902	Dome Theater and Atrium Roof Replacement	0	0	0	400,000	0	400,000	0	0	0	0	0	0	0	0	0
WM00903	West 3rd Floor Roof Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total WM009		0	0	0	400,000	0	400,000	0	0	0	0	0	0	0	0	0
WM01002	Gift Shop Freight Elevator	0	0	0	365,500	0	365,500	0	0	0	0	0	0	0	0	0
WM01003	Green House Freight Elevator	0	0	0	0	0	0	291,000	0	0	0	0	0	0	0	0
WM01004	Passenger Elevator Modernization	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total WM010		0	0	0	365,500	0	365,500	291,000	0	291,000	0	0	0	0	0	0
WM01501	Museum Exterior Window Replacement (East)	0	0	0	0	0	0	580,500	0	0	0	0	0	0	0	0

Project Number	Project	2017: BREAKDOWN OF FUNDING			2018: BREAKDOWN OF FUNDING			2019: BREAKDOWN OF FUNDING			2020: BREAKDOWN OF FUNDING			2021: BREAKDOWN OF FUNDING		
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WM01502	Museum Exterior Window Replacement (West)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total WM015		0	0	0												
WM01601	Museum Facade Repair (East)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WM01602	Museum Facade Repair (West)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total WM016		0	0	0												
WM02001	MPM VAV Upgrade to AHU 403, AHU 405 & AHU 601	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total WM020		0	0	0												
WM02101	MPM Upgrade AHU level Controls to DDC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total WM021		0	0	0												
WM02701	MPM-North Wing Air Handling Unit and Controls	524,000	0	524,000	0	0	0	0	0	0	0	0	0	0	0	0
Total WM027		524,000	0	524,000	0	0	0									
WM02901	MPM Ground Floor Renovation	0	0	150,000	0	0	150,000	0	0	0	0	0	0	0	0	0
Total WM029		0	0	150,000	0	0	150,000	0	0	0	0	0	0	0	0	0
WM03001	Pioneer Courtyard Repair	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total WM030		0	0	0												
WM03101	Museum Annex Redesign and Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total WM031		0	0	0												
WM03201	MPM IS Server Room Infrastructure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total WM032		0	0	0												
WM03301	MPM Greenhouse Roof Structure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total WM033		0	0	0												
WM03401	MPM Pan Museum Fire Suppressions and Separations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total WM034		0	0	0												
WM03501	New Passenger Elevator	0	0	2,234,500	0	0	2,234,500	0	0	0	0	0	0	0	0	0
Total WM035		0	0	2,234,500	0	0	2,234,500	0	0	0	0	0	0	0	0	0
WM03601	Air Handling Unit Frequency Drive Replacement	0	0	349,000	0	0	349,000	0	0	0	0	0	0	0	0	0
Total WM036		0	0	349,000	0	0	349,000	0	0	0	0	0	0	0	0	0
WM03701	Dome Planetarium Roof	0	0	848,000	0	0	848,000	0	0	0	0	0	0	0	0	0
Total WM037		0	0	848,000	0	0	848,000	0	0	0	0	0	0	0	0	0
WMI Total Museum		524,000	0	524,000	4,347,000	0	4,347,000	3,081,500	0	3,081,500	1,591,500	0	1,591,500	8,930,380	0	8,930,380
1575 Zoological Department																
WZ11401	Zoo Life Support Emergency Generators	298,000	0	298,000	0	0	0	0	0	0	0	0	0	0	0	0
Total WZ114		298,000	0	298,000	0	0	0									
WZ11601	Underwater Hippo Exhibit	0	0	4,800,000	0	0	4,800,000	0	0	0	0	0	0	0	0	0
Total WZ116		0	0	4,800,000	0	0	4,800,000	0	0	0	0	0	0	0	0	0
WZ11901	African Plains Exhibit	8,600,000	0	8,600,000	5,426,000	0	5,426,000	0	0	0	0	0	0	0	0	0
Total WZ119		8,600,000	0	8,600,000	5,426,000	0	5,426,000	0	0	0	0	0	0	0	0	0
WZ13501	ARC Structural Repairs	0	0	645,000	0	0	645,000	0	0	0	0	0	0	0	0	0
Total WZ135		0	0	645,000	0	0	645,000	0	0	0	0	0	0	0	0	0
WZ14101	Adventure Africa: Rhinos	0	0	800,000	0	0	800,000	6,131,092	0	6,131,092	0	0	0	0	0	0
Total WZ141		0	0	800,000	0	0	800,000	6,131,092	0	6,131,092	0	0	0	0	0	0
WZ16601	East Entry Retail/Admin Offices Relocation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total WZ166		0	0	0												
WZ16701	Admissions Parking Change/Penguin Exhibit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	Total WZ167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WZ16901	Primates Mesh Renovation	0	0	0	204,000	0	0	0	0	0	0	0	0	0	0	0
	Total WZ169	0	0	0	204,000	0	0	0	0	0	0	0	0	0	0	0
WZ17001	Alaska's Cold Coast	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,700,000
	Total WZ170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,700,000
WZ17101	Farm Walk-about & Site Improvements	0	0	0	0	0	0	0	0	0	0	0	0	0	0	800,000
	Total WZ171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	800,000
WZ17201	Train Gift Shop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200,000
	Total WZ172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200,000
WZ	Total Zoological Department	8,898,000	0	8,898,000	11,875,000	0	11,875,000	6,131,092	0	6,131,092	6,500,000	0	6,500,000	0	6,500,000	2,700,000
	Total PARKS, RECREATION AND CULTURE	16,834,800	0	16,834,800	35,074,200	0	35,074,200	30,003,592	0	30,003,592	24,739,500	0	24,739,500	0	24,739,500	26,746,380
HEALTH AND HUMAN SERVICES																
1600 Behavioral Health																
WE0608	Repave Lot X35	0	0	0	586,000	0	586,000	0	0	0	0	0	0	0	0	0
	Total WE0608	0	0	0	586,000	0	586,000	0	0	0	0	0	0	0	0	0
WE03701	Parking Lot X-32, X-32A, X-32B, & X-32C	0	0	0	567,000	0	567,000	0	0	0	0	0	0	0	0	0
WE03703	Reconstruct Parking Lot X-42	0	0	0	480,000	0	480,000	0	0	0	0	0	0	0	0	0
	Total WE037	0	0	0	1,047,000	0	1,047,000	0	0	0	0	0	0	0	0	0
WE04001	BHD Roof Repair	0	0	0	2,529,000	0	2,529,000	0	0	0	0	0	0	0	0	0
	Total WE040	0	0	0	2,529,000	0	2,529,000	0	0	0	0	0	0	0	0	0
WE04101	BHD Air Handling System	0	0	0	6,645,000	0	6,645,000	6,742,000	0	6,742,000	6,839,000	0	6,839,000	0	0	0
	Total WE041	0	0	0	6,645,000	0	6,645,000	6,742,000	0	6,742,000	6,839,000	0	6,839,000	0	0	0
WE04201	BHD Window Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total WE042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WE0501	Bathroom Bldg Settling Repair and Replacements	0	0	0	0	0	0	285,000	0	285,000	0	0	0	0	0	0
	Total WE050	0	0	0	0	0	0	285,000	0	285,000	0	0	0	0	0	0
WE06801	ACT System Renewal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133,000
	Total WE068	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133,000
WE06001	VCT 4 Renewal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133,000
	Total WE060	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133,000
WE06101	Door Assembly	0	0	0	0	0	0	294,000	0	294,000	0	0	0	0	0	0
	Total WE061	0	0	0	0	0	0	294,000	0	294,000	0	0	0	0	0	0
WE06001	Replace Fire Dampers	0	0	0	100,000	0	100,000	0	0	0	0	0	0	0	0	0
	Total WE060	0	0	0	100,000	0	100,000	0	0	0	0	0	0	0	0	0
WE	Total Behavioral Health	0	0	0	10,907,000	0	10,907,000	7,321,000	0	7,321,000	8,106,000	0	8,106,000	0	8,106,000	266,000
1625 Human Services																
WS03201	Variable Air Volume Boxes - Upgrade/Replacement	0	0	0	3,467,000	0	3,467,000	0	0	0	0	0	0	0	0	0
	Total WS032	0	0	0	3,467,000	0	3,467,000	0	0	0	0	0	0	0	0	0
WS04004	Rose Center Multipurpose Rm Fire Separations	0	0	0	0	0	0	88,000	0	88,000	0	0	0	0	0	0
WS04005	McGovern Main Kitchen Replacement	0	0	0	122,000	0	122,000	0	0	0	0	0	0	0	0	0
	Total WS040	0	0	0	122,000	0	122,000	88,000	0	88,000	0	0	0	0	0	0
WS04801	Rose Senior Center Roof Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	350,000
	Total WS048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	350,000
WS05001	McGovern Senior Center Access Lighting	0	0	0	62,000	0	62,000	0	0	0	0	0	0	0	0	0
WS05002	Washington Senior Center Access Lighting	0	0	0	95,000	0	95,000	0	0	0	0	0	0	0	0	0

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WS05003	Rose Senior Center Access Lighting	0	0	18,000	0	0	18,000	0	0	0	0	0	0	0	0	
WS05004	Wilson Senior Center Access Lighting	0	0	90,000	0	0	90,000	0	0	0	0	0	0	0	0	
WS05005	Kelly Senior Center Access Lighting	0	0	265,000	0	0	265,000	57,000	0	57,000	0	0	0	0	0	
	Total WS050	0	0	473,000	0	0	473,000	57,000	0	57,000	0	0	0	0	0	
WS05101	McGovern Senior Center Flooring and Ceiling Repl	0	0	0	0	0	0	198,000	0	198,000	0	0	0	0	0	
	Total WS051	0	0	0	0	0	0	198,000	0	198,000	0	0	0	0	0	
WS05301	Kelly Senior Center Fitness Area Restrooms	0	0	0	0	0	0	0	0	0	0	300,000	0	0	0	
	Total WS053	0	0	0	0	0	0	0	0	0	0	300,000	0	0	0	
WS05501	Kelly SC HVAC Unit	0	0	0	0	0	0	0	0	0	0	410,000	0	0	0	
	Total WS055	0	0	0	0	0	0	0	0	0	0	410,000	0	0	0	
WS05601	Coggs Security Camera System Upgrade and Exp	0	0	0	0	0	0	1,227,500	0	1,227,500	0	0	0	0	0	
	Total WS056	0	0	0	0	0	0	1,227,500	0	1,227,500	0	0	0	0	0	
WS05901	Rose Senior Center New Kitchen	0	0	169,000	0	0	169,000	0	0	0	0	0	0	0	0	
	Total WS059	0	0	169,000	0	0	169,000	0	0	0	0	0	0	0	0	
WS06001	Kelly Senior Center North Building Boiler	0	0	0	0	0	0	19,500	0	19,500	0	0	0	0	0	
	Total WS060	0	0	0	0	0	0	19,500	0	19,500	0	0	0	0	0	
WS06201	Wilson Senior Center Restroom Updates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total WS062	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WS06601	DHHS Case Management and Software Conversion	0	0	1,094,500	0	0	1,094,500	0	0	0	0	0	0	0	0	
	Total WS066	0	0	1,094,500	0	0	1,094,500	0	0	0	0	0	0	0	0	
WS06701	Kelly Sr. Center Window Renovations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total WS067	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WS06801	Kelly Sr. Center Nutrition Bid Window Renovations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total WS068	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WS06901	Washington Park SC Chiller and HVAC	0	0	386,000	0	0	386,000	0	0	0	0	0	0	0	0	
	Total WS069	0	0	386,000	0	0	386,000	0	0	0	0	0	0	0	0	
WS10001	Rose Senior Center Restroom Renovation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total WS100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WS10101	PrePhoenix Medical Module	0	0	72,000	0	0	72,000	0	0	0	0	0	0	0	0	
	Total WS101	0	0	72,000	0	0	72,000	0	0	0	0	0	0	0	0	
WS10201	Control Center Panel Replacement	0	0	850,000	0	0	850,000	0	0	0	0	0	0	0	0	
	Total WS102	0	0	850,000	0	0	850,000	0	0	0	0	0	0	0	0	
WS	Total Human Services	0	0	6,425,500	0	0	6,425,500	1,590,000	0	1,590,000	0	710,000	897,049	0	897,049	
1700	County Grounds															
WG02801	Val Phillips Courts Sound Systems	0	0	202,000	0	0	202,000	0	0	0	0	0	0	0	0	
	Total WG028	0	0	202,000	0	0	202,000	0	0	0	0	0	0	0	0	
WG	Total County Grounds	0	0	202,000	0	0	202,000	0	0	0	0	0	0	0	0	
	Total HEALTH AND HUMAN SERVICES	0	0	17,534,500	0	0	17,534,500	8,911,000	0	8,911,000	0	8,816,000	1,163,049	0	1,163,049	
1750	Courthouse Complex															
WC01401	Courthouse HVAC System	0	0	100,000	0	0	100,000	0	0	0	0	0	0	0	0	
	Total WC014	0	0	100,000	0	0	100,000	0	0	0	0	0	0	0	0	
WC01801	Safety Bldg - Clerk of Court, Rm. 419 Renovation	0	0	0	0	0	0	255,000	0	255,000	0	0	0	0	0	
	Total WC018	0	0	0	0	0	0	255,000	0	255,000	0	0	0	0	0	

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WC02501	Courthouse Restroom Renovation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total WC025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WC02601	Safety Building Restrooms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total WC026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WC03001	Bulpen Cameras & Courtroom Monitors	0	0	0	469,000	0	469,000	0	0	0	0	0	0	0	0	0
	Total WC030	0	0	0	469,000	0	469,000	0	0	0	0	0	0	0	0	0
WC03801	Courthouse Roof Drain Replacement	0	0	0	700,000	0	700,000	0	0	0	0	0	0	0	0	0
	Total WC038	0	0	0	700,000	0	700,000	0	0	0	0	0	0	0	0	0
WC05201	Jury Management PA and AV	0	0	0	113,400	0	113,400	0	0	0	0	0	0	0	0	0
	Total WC052	0	0	0	113,400	0	113,400	0	0	0	0	0	0	0	0	0
WC05601	SB Room 223 Storage Room Shelving	0	0	0	0	0	0	97,400	0	97,400	0	0	0	0	0	0
	Total WC056	0	0	0	0	0	0	97,400	0	97,400	0	0	0	0	0	0
WC05701	Courtroom Bullet Resistant Glass Wall	0	0	0	343,500	0	343,500	0	0	0	0	0	0	0	0	0
	Total WC057	0	0	0	343,500	0	343,500	0	0	0	0	0	0	0	0	0
WC05902	CH/SB Multiple Main Feeder Replacements	1,670,000	0	1,670,000	0	0	0	0	0	0	0	0	0	0	0	0
WC05903	CH Complex Electrical Infrastruc Upgrade Phase 3	0	0	0	500,000	0	500,000	0	0	0	0	0	0	0	0	0
WC05904	CH Complex Electrical Infrastruc Upgrade Phase 4	0	0	0	0	0	0	500,000	0	500,000	0	500,000	0	0	0	0
	Total WC059	1,670,000	0	1,670,000	500,000	0	500,000	500,000	0	500,000	0	500,000	0	0	0	0
WC06201	CJF - Building Roof Replacement	2,459,452	0	2,459,452	0	0	0	0	0	0	0	0	0	0	0	0
	Total WC062	2,459,452	0	2,459,452	0	0	0	0	0	0	0	0	0	0	0	0
WC06401	Medical Examiner HVAC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total WC064	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WC08301	Clerk Of Court Storage Rooms Floor Replacements	0	0	0	42,000	0	42,000	0	0	0	0	0	0	0	0	0
	Total WC083	0	0	0	42,000	0	42,000	0	0	0	0	0	0	0	0	0
WC08401	Clerk of Court Records Rooms Lighting Replacemen	0	0	0	90,500	0	90,500	0	0	0	0	0	0	0	0	0
	Total WC084	0	0	0	90,500	0	90,500	0	0	0	0	0	0	0	0	0
WC08901	Courthouse Penthouse Masonry	0	0	0	624,000	0	624,000	0	0	0	0	0	0	0	0	0
	Total WC089	0	0	0	624,000	0	624,000	0	0	0	0	0	0	0	0	0
WC08901	Courthouse Campus Masonry - Basement Wall	506,000	0	506,000	0	0	0	0	0	0	0	0	0	0	0	0
	Total WC089	506,000	0	506,000	0	0	0	0	0	0	0	0	0	0	0	0
WC10202	COURTHOUSE HVAC REPLACEMENT	250,000	0	250,000	1,150,000	0	1,150,000	1,900,000	0	1,900,000	0	0	0	0	0	0
	Total WC102	250,000	0	250,000	1,150,000	0	1,150,000	1,900,000	0	1,900,000	0	0	0	0	0	0
WC10601	CJF Dirty Linen Receiving Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total WC106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WC10701	CJF Booking Room and Tower Remodeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total WC107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WC10801	CJF Sally Port Doors Replacement	0	0	0	0	0	0	500,000	0	500,000	0	0	0	0	0	0
	Total WC108	0	0	0	0	0	0	500,000	0	500,000	0	0	0	0	0	0
WC11701	Light Court (1-7) Rehabilitation	0	0	0	786,000	0	786,000	0	0	0	0	0	0	0	0	0
WC11702	CH LightCourt Rehab Lightcourt 2	0	0	0	0	0	0	786,000	0	786,000	0	0	0	0	0	0
WC11703	CH LightCourt Rehab Lightcourt 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WC11704	CH LightCourt Rehab Lightcourt 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total WC117	0	0	0	786,000	0	786,000	786,000	0	786,000	0	786,000	0	0	0	0
WC11801	Annex Parking Lot	0	0	0	366,000	0	366,000	0	0	0	0	0	0	0	0	0
WC11802	CJF Loading Dock	0	0	0	233,000	0	233,000	0	0	0	0	0	0	0	0	0
WC11803	CJF Entrance	0	0	0	134,000	0	134,000	0	0	0	0	0	0	0	0	0

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		Adopted Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION
	Total WC118	0	0	733,000	0	0	733,000	0	0	0	0	0	0	0	0	
WC12601	CJF Fire Alarm System Replacement	0	0	50,000	0	0	50,000	0	0	0	0	0	0	0	0	
	Total WC126	0	0	50,000	0	0	50,000	0	0	0	0	0	0	0	0	
WC12901	Safety Building Fire Pumps and Controls	361,000	0	361,000	0	0	361,000	0	0	0	0	0	0	0	0	
	Total WC129	361,000	0	361,000	0	0	361,000	0	0	0	0	0	0	0	0	
WC13401	Courthouse Water Piping Replacements	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total WC134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WC13501	Courthouse Complex Interior Updates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total WC135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WC13601	Medical Examiner - Special Project Restoration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total WC136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WC14301	Courthouse Lightcourt/Permanent Vertical Access	50,000	0	50,000	0	0	50,000	0	0	0	0	0	0	0	0	
	Total WC143	50,000	0	50,000	0	0	50,000	0	0	0	0	0	0	0	0	
WC14401	CJF Floor Coatings	0	0	267,000	0	0	267,000	0	0	0	0	0	0	0	0	
	Total WC144	0	0	267,000	0	0	267,000	0	0	0	0	0	0	0	0	
WC14701	Courthouse Complex Facade Inspection & Repair	500,000	0	500,000	0	0	500,000	0	0	0	0	0	0	0	0	
	Total WC147	500,000	0	500,000	0	0	500,000	0	0	0	0	0	0	0	0	
WC14801	Courthouse Complex Planning - Phase III	500,000	0	500,000	6,920,000	0	6,920,000	0	0	0	0	0	0	0	0	
	Total WC148	500,000	0	500,000	6,920,000	0	6,920,000	0	0	0	0	0	0	0	0	
WC15001	Coggs Fire System	0	0	50,000	0	0	50,000	0	0	0	0	0	0	0	0	
	Total WC150	0	0	50,000	0	0	50,000	0	0	0	0	0	0	0	0	
WC15101	Safety Building Window Replacement	0	0	0	0	0	0	75,000	0	75,000	0	0	0	0	0	
	Total WC151	0	0	0	0	0	0	75,000	0	75,000	0	0	0	0	0	
WC15201	CH Complex Steam Pipe Replacement	0	0	0	0	0	0	50,000	0	50,000	0	0	0	0	0	
	Total WC152	0	0	0	0	0	0	50,000	0	50,000	0	0	0	0	0	
WC15301	Courthouse Complex Construction	0	0	0	0	0	0	40,000,000	0	40,000,000	0	0	0	0	0	
	Total WC153	0	0	0	0	0	0	40,000,000	0	40,000,000	0	0	0	0	0	
WC15401	CJF Public Elevators 1 and 2 Upgrade	75,000	0	75,000	607,000	0	607,000	0	0	0	0	0	0	0	0	
	Total WC154	75,000	0	75,000	607,000	0	607,000	0	0	0	0	0	0	0	0	
WC15701	Safety Building HVAC Replacement	0	0	0	0	0	0	50,000	0	50,000	0	0	0	0	0	
	Total WC157	0	0	0	0	0	0	50,000	0	50,000	0	0	0	0	0	
WC	Total Courthouse Complex	6,371,452	0	13,545,400	0	0	13,545,400	44,163,400	0	44,163,400	0	0	44,997,500	0	44,997,500	
1800	House of Correction															
WJ06301	CCFS Roof Repairs	0	0	0	0	0	0	150,000	0	150,000	0	0	0	0	0	
	Total WJ063	0	0	0	0	0	0	150,000	0	150,000	0	0	0	0	0	
WJ07701	HOC Graphics Shop Building Expansion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total WJ077	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WJ07801	HOC Sallyport Vehicle & Pedestrian Gates	252,000	0	252,000	0	0	0	0	0	0	0	0	0	0	0	
	Total WJ078	252,000	0	252,000	0	0	0	0	0	0	0	0	0	0	0	
WJ07901	HOC New Parking Outside Secure Perimeter	0	0	0	881,000	0	881,000	0	0	0	0	0	0	0	0	
	Total WJ079	0	0	0	881,000	0	881,000	0	0	0	0	0	0	0	0	
WJ08001	HOC Video Visitation System	0	0	0	1,400,000	0	1,400,000	0	0	0	0	0	0	0	0	
	Total WJ080	0	0	0	1,400,000	0	1,400,000	0	0	0	0	0	0	0	0	
WJ08101	FWL Building Renovation for K9 Training	0	0	0	0	0	0	150,000	0	150,000	0	0	0	0	0	

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	Total WJ081	0	0	0	0	0	150,000	0	0	0	0	0	0	0	0	
WJ08301	HOC Security System Replacement	0	0	0	315,207	0	0	0	0	0	0	0	0	0	0	
	Total WJ083	0	0	0	315,207	0	0	0	0	0	0	0	0	0	0	
WJ08401	HOC Steel and Glass Greenhouse	0	0	0	0	0	353,000	0	0	0	0	0	0	0	0	
	Total WJ084	0	0	0	0	0	353,000	0	0	0	0	0	0	0	0	
WJ10201	HOC Boiler House Window Replacement	0	0	0	565,000	0	0	0	0	0	0	0	0	0	0	
	Total WJ102	0	0	0	565,000	0	0	0	0	0	0	0	0	0	0	
WJ10301	HOC Surges Building Roof Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total WJ103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WJ10401	HOC Lotter Building Roof Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total WJ104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WJ10501	HOC Rubber Sports Flooring Replacement	0	0	0	192,000	0	0	0	0	0	0	0	0	0	0	
	Total WJ105	0	0	0	192,000	0	0	0	0	0	0	0	0	0	0	
WJ10601	HOC Carpeting Replacement	0	0	0	161,000	0	0	0	0	0	0	0	0	0	0	
	Total WJ106	0	0	0	161,000	0	0	0	0	0	0	0	0	0	0	
WJ	Total House of Correction	252,000	0	252,000	3,514,207	0	653,000	653,000	0	508,732	0	508,732	3,791,537	0	3,791,537	
1850	Other Agencies															
WO00101	Asset Management & Workflow System-Fleet/Trans	0	0	0	601,000	0	0	0	0	0	0	0	0	0	0	
	Total WO001	0	0	0	601,000	0	0	0	0	0	0	0	0	0	0	
WO03802	Marcus Center HVAC Upgrade	4,094,000	0	4,094,000	0	0	0	0	0	0	0	0	0	0	0	
	Total WO038	4,094,000	0	4,094,000	0	0	0	0	0	0	0	0	0	0	0	
WO07701	Oak Creek Parkway- RR Tracks East to Chicago Ave	0	0	0	895,000	0	0	0	0	0	0	0	0	0	0	
	Total WO077	0	0	0	895,000	0	0	0	0	0	0	0	0	0	0	
WO10701	Fleet Window Replacement	0	0	0	231,000	0	0	0	0	0	0	0	0	0	0	
	Total WO107	0	0	0	231,000	0	0	0	0	0	0	0	0	0	0	
WO11201	Fleet General Equipment	2,751,000	0	2,751,000	4,178,000	0	3,189,271	3,189,271	0	4,718,479	0	4,651,713	0	4,651,713		
WO11203	Sheriff Fleet Equipment	800,000	0	800,000	800,000	0	840,000	840,000	0	840,000	0	850,000	0	850,000		
WO11204	House of Correction Fleet Equipment	141,000	0	141,000	250,000	0	255,000	255,000	0	260,000	0	265,000	0	265,000		
WO11205	Fleet Parks Equipment	2,100,000	0	2,100,000	3,150,000	0	2,800,000	2,800,000	0	2,520,000	0	2,430,000	0	2,430,000		
	Total WO112	5,792,000	0	5,792,000	8,378,000	0	7,084,271	7,084,271	0	8,338,479	0	8,196,713	0	8,196,713		
WO11411	Courthouse Complex Improvements	0	0	0	1,500,000	0	0	0	0	0	0	0	0	0	0	
	Total WO114	0	0	0	1,500,000	0	0	0	0	0	0	0	0	0	0	
WO11701	Marcus Center Roof Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total WO117	0	0	0	0	0										
WO12401	Charles Allis Window and Door Replacement	0	0	0	432,000	0	0	0	0	0	0	0	0	0	0	
	Total WO124	0	0	0	432,000	0	0	0	0	0	0	0	0	0	0	
WO13401	Trimborn Farm Bunkhouse Restoration	0	0	0	152,000	0	0	0	0	0	0	0	0	0	0	
	Total WO134	0	0	0	152,000	0	0	0	0	0	0	0	0	0	0	
WO13501	Trimborn Farm Silo Repair and Inspection	0	0	0	231,000	0	0	0	0	0	0	0	0	0	0	
	Total WO135	0	0	0	231,000	0	0	0	0	0	0	0	0	0	0	
WO13701	Trimborn Farm Perimeter Fence Replacement	0	0	0	100,000	0	0	0	0	0	0	0	0	0	0	
	Total WO137	0	0	0	100,000	0	0	0	0	0	0	0	0	0	0	
WO16002	Window Restoration (Kilbourn House)	0	0	0	51,000	0	0	0	0	0	0	0	0	0	0	
WO16003	Fire Detection System (Kilbourn House)	0	0	0	0	0	37,000	37,000	0	0	0	0	0	0	0	
	Total WO160	0	0	0	51,000	0	37,000	37,000	0	0	0	0	0	0	0	

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WO16101	Masonry Wall Repairs (Jeremiah Curtain House)	0	0	85,000	85,000	0	0	0	0	0	0	0	0	0	0	
Total WO161		0	0	85,000	85,000	0	0	0	0	0	0	0	0	0	0	
WO16201	Farmhouse Masonry Foundation & Walls	0	0	0	0	0	26,000	0	0	0	0	0	0	0	0	
Total WO162		0	0	0	0	0	26,000	0	0	0	0	0	0	0	0	
WO16301	Main Hall Lighting Renovation	0	0	0	0	0	60,000	0	0	0	0	0	0	0	0	
WO16302	ADA Improvements - Kitchen and Counter	0	0	35,000	35,000	0	0	0	0	0	0	0	0	0	0	
Total WO163		0	0	35,000	35,000	0	0	0	0	0	0	0	0	0	0	
WO16502	Countywide ADA Repairs	125,000	0	125,000	500,000	0	0	0	0	0	0	0	0	0	0	
WO16503	Countywide ADA Repairs	0	0	0	500,000	0	0	0	0	0	0	0	0	0	0	
WO16504	Countywide ADA Repairs	0	0	0	0	0	500,000	0	0	0	0	0	0	0	0	
WO16505	Countywide ADA Repairs	0	0	0	0	0	0	0	0	500,000	0	0	0	0	0	
WO16506	Countywide ADA Repairs	0	0	0	0	0	0	0	0	0	0	0	500,000	0	0	
Total WO165		125,000	0	125,000	500,000	0	0	0	0	500,000	0	0	500,000	0	0	
WO16801	Training Academy HVAC-Plumbing Replacements	0	0	115,000	115,000	0	0	0	0	0	0	0	0	0	0	
Total WO168		0	0	115,000	115,000	0	0	0	0	0	0	0	0	0	0	
WO16901	Training Academy Roof Repairs	0	0	0	0	0	230,000	0	0	0	0	0	0	0	0	
Total WO169		0	0	0	0	0	230,000	0	0	0	0	0	0	0	0	
WO17001	Training Academy Tactical House	0	0	453,000	453,000	0	0	0	0	0	0	0	0	0	0	
Total WO170		0	0	453,000	453,000	0	0	0	0	0	0	0	0	0	0	
WO17501	Fleet Central Garage Roof Replacement	0	0	0	0	0	2,259,000	0	0	0	0	0	1,560,000	0	1,684,004	
Total WO175		0	0	0	0	0	2,259,000	0	0	0	0	1,560,000	1,684,004	0	1,684,004	
WO17601	Mainframe Retirement	691,500	0	691,500	0	0	0	0	0	0	0	0	0	0	0	
Total WO176		691,500	0	691,500	0	0	0	0	0	0	0	0	0	0	0	
WO17801	MCSO Rugged Modems	120,000	0	120,000	0	0	0	0	0	0	0	0	0	0	0	
Total WO178		120,000	0	120,000	0	0	0	0	0	0	0	0	0	0	0	
WO17901	MCSO Voice Analytics	0	0	124,800	124,800	0	0	0	0	0	0	0	0	0	0	
Total WO179		0	0	124,800	124,800	0	0	0	0	0	0	0	0	0	0	
WO18001	Information Technology Security	1,140,000	0	1,140,000	350,000	0	0	0	0	0	0	0	0	0	0	
Total WO180		1,140,000	0	1,140,000	350,000	0	0	0	0	0	0	0	0	0	0	
WO18601	WOW-Underwood Rec Center Main Hall Lighting	0	0	0	0	0	60,000	0	0	0	0	0	0	0	0	
Total WO186		0	0	0	0	0	60,000	0	0	0	0	0	0	0	0	
WO21601	Thin Client	0	0	500,000	500,000	0	0	0	0	0	0	0	0	0	0	
Total WO216		0	0	500,000	500,000	0	0	0	0	0	0	0	0	0	0	
WO21701	Phone and Voicemail Replacement	900,000	0	900,000	1,000,000	0	0	0	0	0	0	0	0	0	0	
Total WO217		900,000	0	900,000	1,000,000	0	0	0	0	0	0	0	0	0	0	
WO21801	Infrastructure Replacement	300,000	0	300,000	180,000	0	0	0	0	0	0	0	0	0	0	
Total WO218		300,000	0	300,000	180,000	0	0	0	0	0	0	0	0	0	0	
WO22701	Win-O-Way Grant Window Replacement	0	0	60,000	60,000	0	0	0	0	0	0	0	0	0	0	
Total WO227		0	0	60,000	60,000	0	0	0	0	0	0	0	0	0	0	
WO24801	Villa Terrace South Retaining Wall Rebuild	0	0	25,000	25,000	0	0	0	0	0	0	0	0	0	0	
Total WO248		0	0	25,000	25,000	0	0	0	0	0	0	0	0	0	0	
WO24901	Villa Terrace Courtyard Soffit Rebuild	0	0	250,000	250,000	0	0	0	0	0	0	0	0	0	0	
Total WO249		0	0	250,000	250,000	0	0	0	0	0	0	0	0	0	0	
WO25001	Villa Terrace Courtyard Foundation and Drainage	0	0	0	0	0	0	0	0	0	0	0	100,000	0	100,000	
Total WO250		0	0	0	0	0	0	0	0	0	0	0	100,000	0	100,000	
WO25201	Charles Allis Great Hall Drainage Survey/Leaking	0	0	0	0	0	0	0	0	0	0	0	75,000	0	75,000	

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Total WO252		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WO25301	Villa Terrace Circle Dr. (Regrading and Paving)	0	0	0	25,000	0	25,000	0	0	0	0	0	0	0	0	
Total WO253		0	0	0	25,000	0	25,000	0	0	0	0	0	0	0	0	
WO25401	Villa Terrace Water Main Replacement	0	0	0	15,000	0	15,000	0	0	0	0	0	0	0	0	
Total WO254		0	0	0	15,000	0	15,000	0	0	0	0	0	0	0	0	
WO25601	Villa Terrace Wrought Iron Restoration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total WO256		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WO25701	Villa Terrace 2nd Story Sleeping Porches Restor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total WO257		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WO25801	Villa Terrace Ext Drainage Assessment and Remed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total WO258		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WO26101	Charles Allis Int Painting to Mitigate Leak Dam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total WO261		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WO26201	Charles Allis French Parlor Rehabilitation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total WO262		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WO26301	Charles Allis Wrought Iron Restoration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total WO263		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WO30301	Countywide Computer Aided Dispatch	275,000	0	275,000	677,000	0	677,000	0	0	0	0	0	0	0	0	
Total WO303		275,000	0	275,000	677,000	0	677,000	0	0	0	0	0	0	0	0	
WO30401	Countywide Emergency Medical Dispatch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total WO304		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WO30501	Predictive & Targeted Analytics System	0	0	0	785,000	0	785,000	0	0	0	0	0	0	0	0	
Total WO305		0	0	0	785,000	0	785,000	0	0	0	0	0	0	0	0	
WO30901	Countywide EMS Online Training Tool	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total WO309		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WO40301	CJF Elevator	0	0	0	677,000	0	677,000	0	0	0	0	0	0	0	0	
Total WO403		0	0	0	677,000	0	677,000	0	0	0	0	0	0	0	0	
WO44701	CCFC Camera System	686,028	0	686,028	663,731	0	663,731	0	0	0	0	0	0	0	0	
Total WO447		686,028	0	686,028	663,731	0	663,731	0	0	0	0	0	0	0	0	
WO44901	Automated License Plate Readers	0	0	0	324,797	0	324,797	0	0	0	0	0	0	0	0	
Total WO449		0	0	0	324,797	0	324,797	0	0	0	0	0	0	0	0	
WO46501	Training Academy- Boiler System Heat/Cool	188,000	0	188,000	0	0	0	0	0	0	0	0	0	0	0	
Total WO465		188,000	0	188,000	0	0	0	0	0	0	0	0	0	0	0	
WO46901	PSB Fast ID Remote Booking (30 Units)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total WO469		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WO47001	CJF- Instant Full Body Scan Machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total WO470		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WO47101	CJF Key Watcher System	0	0	0	300,000	0	300,000	0	0	0	0	0	0	0	0	
Total WO471		0	0	0	300,000	0	300,000	0	0	0	0	0	0	0	0	
WO47301	Sheriff ADM Radio/Battery Charger Replaceme	0	0	0	275,000	0	275,000	0	0	0	0	0	0	0	0	
Total WO473		0	0	0	275,000	0	275,000	0	0	0	0	0	0	0	0	
WO47801	Sheriff PSB CID Computer Hardware/Software	0	0	0	100,000	0	100,000	0	0	0	0	0	0	0	0	
Total WO478		0	0	0	100,000	0	100,000	0	0	0	0	0	0	0	0	
WO47901	CJF Kitchen Upgrades	0	0	0	125,000	0	125,000	0	0	0	0	0	0	0	0	

Project Number	Project	2017: BREAKDOWN OF FUNDING			2018: BREAKDOWN OF FUNDING			2019: BREAKDOWN OF FUNDING			2020: BREAKDOWN OF FUNDING			2021: BREAKDOWN OF FUNDING		
		Adopted Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION
Total WO479		0	0	0	125,000	0	125,000	0	0	0	0	0	0	0	0	0
WO48001	CJF Jail Records Area Remodeling	0	0	0	250,000	0	250,000	0	0	0	0	0	0	0	0	0
Total WO480		0	0	0	250,000	0	250,000	0	0	0	0	0	0	0	0	0
WO48101	CJF Roof Antenna Installation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	150,000
Total WO481		0	0	0	0	0	0	0	0	0	0	0	0	0	0	150,000
WO48201	CJF Housing Video System	0	0	0	100,000	0	100,000	0	0	0	0	0	0	0	0	0
Total WO482		0	0	0	100,000	0	100,000	0	0	0	0	0	0	0	0	0
WO48301	CJF Pneumatic Tube System Repairs	0	0	0	350,000	0	350,000	0	0	0	0	0	0	0	0	0
Total WO483		0	0	0	350,000	0	350,000	0	0	0	0	0	0	0	0	0
WO48501	CJF Pod 4D Renovations	0	0	0	150,000	0	150,000	0	0	0	0	0	0	0	0	0
Total WO485		0	0	0	150,000	0	150,000	0	0	0	0	0	0	0	0	0
WO48801	CJF Secure Doors in Dock Area	0	0	0	100,000	0	100,000	0	0	0	0	0	0	0	0	0
Total WO488		0	0	0	100,000	0	100,000	0	0	0	0	0	0	0	0	0
WO49101	Lakefront Cameras & Video Analytics	0	0	0	136,000	0	136,000	0	0	0	0	0	0	0	0	0
Total WO491		0	0	0	136,000	0	136,000	0	0	0	0	0	0	0	0	0
WO49201	Sheriff PSB Predictive Analytics	0	0	0	0	0	0	0	0	0	0	100,000	0	0	0	0
Total WO492		0	0	0	0	0	0	0	0	0	100,000	0	0	0	0	0
WO49801	800 MHz Doppler System	0	0	0	0	0	0	0	0	0	0	131,000	0	0	0	0
Total WO498		0	0	0	0	0	0	0	0	0	131,000	0	0	0	0	0
WO50601	Charles Allis Roof and Drain Replacement	0	0	0	998,000	0	998,000	0	0	0	0	0	0	0	0	0
Total WO506		0	0	0	998,000	0	998,000	0	0	0	0	0	0	0	0	0
WO50701	Charles Allis Exterior Façade Repair	0	0	0	1,163,000	0	1,163,000	0	0	0	0	0	0	0	0	0
Total WO507		0	0	0	1,163,000	0	1,163,000	0	0	0	0	0	0	0	0	0
WO50801	Marcus Center -- Pedestrian Pavement Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	800,000
Total WO508		0	0	0	0	0	0	0	0	0	0	0	0	0	0	800,000
WO51715	WMC Roof Replacement	730,000	0	730,000	0	0	0	0	0	0	0	0	0	0	0	0
WO51716	WMC Asphalt Paving - North Parking Lot	580,000	0	580,000	0	0	0	0	0	0	0	0	0	0	0	0
WO51717	WMC Major Maint, Sliding, Rails, Flashing	290,000	0	290,000	0	0	0	0	0	0	0	0	0	0	0	0
Total WO517		1,600,000	0	1,600,000	0	0	0	0	0	0	0	0	0	0	0	0
WO52102	Boiler Replacement	0	0	0	0	0	0	0	0	0	0	700,000	0	0	0	0
WO52103	Chiller Operation Ice Bank	0	0	0	0	0	0	0	0	0	0	600,000	0	0	0	0
Total WO521		0	0	0	0	0	0	0	0	0	0	1,300,000	0	0	0	0
WO52302	Electrical Gear & Substation Replace (Saarninen)	0	0	0	800,000	0	800,000	0	0	0	0	0	0	0	0	0
WO52303	Electrical Gear & Substation Replace (Kahler)	0	0	0	0	0	0	800,000	0	0	0	800,000	0	0	0	0
Total WO523		0	0	0	800,000	0	800,000	800,000	0	0	0	800,000	0	0	0	0
WO52401	Veterans Gallery Windows	0	0	0	0	0	0	0	0	0	0	0	0	0	0	300,000
Total WO524		0	0	0	0	0	0	0	0	0	0	0	0	0	0	300,000
WO52501	War Memorial Terrazzo	0	0	0	0	0	0	125,000	0	0	0	0	0	0	0	0
Total WO525		0	0	0	0	0	0	125,000	0	0	0	0	0	0	0	0
WO52601	Memorial Hall Upgrade	0	0	0	250,000	0	250,000	0	0	0	0	0	0	0	0	0
Total WO526		0	0	0	250,000	0	250,000	0	0	0	0	0	0	0	0	0
WO60201	Enterprise Platform Modernization	8,034,125	0	8,034,125	16,392,375	0	16,392,375	0	0	0	0	0	0	0	0	0
Total WO602		8,034,125	0	8,034,125	16,392,375	0	16,392,375	0	0	0	0	0	0	0	0	0
WO60701	Install Wireless Infrastructure @ Crty Facility	0	0	0	250,000	0	250,000	0	0	0	0	0	0	0	0	0
Total WO607		0	0	0	250,000	0	250,000	0	0	0	0	0	0	0	0	0

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		Adopted Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION	Projected Budget	FEDERAL/STATE LOCAL/OTHER	COUNTY CONTRIBUTION
WO87001	County Special Assessments	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0	0	
	Total WO870	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0	0	
WO87901	Training Academy Improvements	0	0	0	300,000	0	0	0	0	0	0	0	0	0	0	
	Total WO879	0	0	0	300,000	0	0	0	0	0	0	0	0	0	0	
WO88604	Uhrlein #3 Elevator	0	0	0	694,782	0	0	0	0	0	0	0	0	0	0	
WO88805	Uhrlein #4 elevator	0	0	0	0	0	589,000	0	0	0	0	0	0	0	0	
	Total WO888	0	0	0	694,782	0	589,000	589,000	0	0	0	0	0	0	0	
WO94801	Asset and Work Order System	571,000	0	571,000	338,000	0	0	0	0	0	0	0	0	0	0	
	Total WO948	571,000	0	571,000	338,000	0	0	0	0	0	0	0	0	0	0	
WO	Total Other Agencies	24,616,653	0	24,616,653	42,488,485	0	13,733,271	13,629,479	0	13,629,479	0	12,036,717	0	0	12,036,717	
	Total GENERAL GOVERNMENT	31,240,105	0	31,240,105	59,548,092	0	58,549,671	59,135,711	0	59,135,711	0	97,812,254	0	0	97,812,254	
Capital Budget Summary																
	Grand Total Capital Improvements	103,480,850	37,401,320	66,079,530	235,421,237	46,726,000	188,695,237	137,828,263	12,992,875	124,835,388	134,186,211	117,384,336	171,246,933	18,425,875	152,821,058	
	Total Excluding Airports	88,176,850	30,441,945	57,734,905	180,889,237	32,550,500	148,338,737	123,929,263	7,295,000	116,634,263	128,099,211	14,942,000	113,157,211	16,566,000	148,593,933	