MILWAUKEE COUNTY

Chris Abele, *County Executive*

2020 RECOMMENDED CAPITAL BUDGET

MILWAUKEE

INCORPORATED
1835

COUNTY

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Milwaukee County
2020 Capital Improvements Budget Summary

Project Category	Project	Project	Description	Total Capital EXP	Net County Contribution	Sales Tax Revenue	Misc Revenue/ VRF*	Property Tax Levy	PFC Revenue/Airport Reserve	Bonds	Reimbursement Revenue	Federal	State	Local	Private Contribution
					Net County Contribution Toward Total Capital EXP						*Net Non-County Revenue Towards Capital EXP*				
			TRANSPORTATION AND PUBLIC WORKS												
			Highway												
O	WH010	WH01006	Reconstruct CTH "Y" Layton Avenue 27th to 43rd	360,000	360,000					360,000					
O, C	WH010	WH01022	Reconstruct, S. 13th St. Puetz to Drexel	530,000	106,000					106,000	424,000	424,000			
O, C	WH110	WH11001	W Beloit Rd (CTH T)-S 124th St to S Wollmer Rd	450,000	450,000					450,000					
O, C	WH240	WH24001	W Rawson (CTH BB) USH 45 to Hawthorne Ln	2,900,000	2,107,000					2,107,000	793,000		793,000		
C	WH098	WH09801	S. 76th St. Bridge over Loomis Rd.	240,000	92,588					92,588	147,412		147,412		
C	WH116	WH11601	S. 76th St. Bridge (NB) B-40-0573 over Loomis Rd	200,000	80,540					80,540	119,460		119,460		
C	WH117	WH11701	Signals CTH PP (Good Hope Rd)-99th St & 60th St	110,600	11,061					11,061	99,539	99,539			
C	WH118	WH11801	Signals CTH PP (Good Hope Rd)-CTH W (Prt Wsh Rd)	147,400	23,773					23,773	123,627	123,627			
			Total Highway	**4,938,000**	**3,230,962**					**3,230,962**	**1,707,038**	**647,166**	**1,059,872**		
			Mass Transit												
Z	WT078	WT07801	KK Garage Roof Replacement	457,873	457,873					457,873					
O	WT079	WT07901	MCTS Fleet Maintenance Roof Replacement	3,754,536	3,754,536					3,754,536					
Z	WT108	WT10801	HVAC Replacement-KK Bus Storage/Washhouse	200,697	200,697					200,697					
Z	WT109	WT10901	Bus Lift Replacement 5-8 (Maint Facility)	179,115	179,115					179,115					
Z	WT111	WT11101	Concrete Yard Replacement (KK Garage site)	135,098	135,098					135,098					
Z	WT106	WT10601	Bus Lift Replacement 1 - 2 (KK Garage)	51,182	51,182					51,182					
Z	WT126	WT12601	BEB Infrastructure - Full Fleet Replacement	1,700,000	1,700,000					1,700,000					
Z	WT137	WT13701	KK Maintenance Bldg Electrical Systems Upgrades	42,037	42,037					42,037					
Z	WT141	WT14101	KK Washhouse Bldg Exhaust System Renewal	31,237	31,237					31,237					
			Total Mass Transit	**6,551,775**	**6,551,775**					**6,551,775**					
			Airport												
Z	WA272	WA27201	GMIA Parking Access & Revenue Control System Rpl	1,054,350	1,054,350				1,054,350						
O	WA221	WA22101	GMIA International Terminal Redevelopment	25,112,809	25,112,809				8,112,809	17,000,000					
Z	WA266	WA26601	GMIA Electrical Switchgear Replacement	707,580	707,580					707,580					
Z	WA280	WA28001	GMIA Parking Strc Replace Decorative Metal Panel	325,329	325,329				325,329						
Z	WA299	WA29901	GMIA Taxiway A Extension	1,080,195	135,025				135,025		945,170	810,146	135,024		
Z	WA312	WA31201	GMIA Administrative Office Area Remodel	2,099,281	2,099,281				2,099,281						
Z	WA331	WA33101	GMIA Parking Structure Lightwell Roof Install	223,133	223,133				223,133						
Z	WA333	WA33301	GMIA Elevators L & N Replacement	1,743,148	1,743,148				1,743,148						
Z	WA334	WA33401	GMIA Emergency Generator-Concourse D	217,157	217,157					217,157					
Z	WA351	WA35101	LJT Security-Wildlife Prmtr Fencing-2020	378,526	18,927				18,927		359,599	340,673	18,926		
			Total Airport	**32,941,508**	**31,636,739**			**(0)**	**13,712,002**	**17,924,737**	**1,304,769**	**1,150,819**	**153,950**		
			Environmental												
Z	WV047	WV04701	Froemming Park Pavilion Water & Sanitary	420,613	420,613					420,613					
Z	WV021	WV02101	Oak Creek Streambank Stabilization	68,703	68,703					68,703					
Z	WV038	WV03801	Dretzka Park Lift Station	523,015	523,015					523,015					
Z	WV050	WV05001	Lead Pipe Lateral Assessment	164,597	164,597	164,597									
M	WV052	WV05201	County-wide Sanitary Sewers Repairs-2020	150,001	150,001	150,001									
			Total Environmental	**1,326,929**	**1,326,929**	**314,598**				**1,012,331**					
			Total TRANSPORTATION AND PUBLIC WORKS	**45,758,212**	**42,746,405**	**314,598**		**(0)**	**13,712,002**	**28,719,805**	**3,011,807**	**1,797,985**	**1,213,822**		
			PARKS, RECREATION AND CULTURE												
			"Parks, Recreation, & Culture"												
Z	WP320	WP32001	North Point Parking Lot	173,046	173,046					173,046					
Z	WP625	WP62501	Dretzka Park-Lighting, Stormwater, Parking Imprv	142,107	142,107					142,107					
Z	WP688	WP68801	McKinley Parking Lots - Phase 2	512,662	512,662					512,662					
Z	WP546	WP54601	Parks Bridge Inventory and Assessment	129,245	129,245	129,245									
Z	WP372	WP37201	McKinley Park Flushing Channel	440,447	440,447					440,447					
Z	WP523	WP52301	Lake Park Steel Arch Bridge	117,023	117,023					117,023					
O	WP628	WP62802	Brown Deer Park Roadway Phase 2	4,287,856	4,287,856					4,287,856					
Z	WP637	WP63701	Rose Playground Replacement #2	291,984	291,984					291,984					
Z	WP700	WP70001	Kosciuszko Community Center Facility Study	199,646	199,646	199,646									
Z	WP701	WP70101	Grant Park North Access Roads-Parking Lots 2020	113,504	113,504					113,504					
Z	WP702	WP70201	McKinley & Veterans Parks Seawall	202,212	202,212	202,212									
Z	WP703	WP70301	King Skate Shelter Eliminate High Voltage	144,009	144,009					144,009					
Z	WP704	WP70401	Honey Creek Bridge Repair-St. Anne Ct -Bluemound	158,654	158,654	158,654									
Z	WP710	WP71001	Indigenous Peoples' Park	291,984	291,984					291,984					
Z	WP711	WP71101	Washington Playground Replacement #2	291,984	291,984					291,984					
Z	WP712	WP71201	South Shore Park Pavilion - North Yard Imprvmnts	50,000	50,000	50,000									
			Total "Parks, Recreation, & Culture"	**7,546,363**	**7,546,363**	**739,757**				**6,806,606**					
			Museum												
Z	WM049	WM04901	MPM-4th Floor Roof Replacement	754,806	754,806					754,806					
Z	WM051	WM05101	MPM-North Stairwell Structural Wall Repair	79,125	79,125	79,125									
Z	WM053	WM05301	MPM-300 Ton Chiller Replacement	849,710	849,710					849,710					
			Total Museum	**1,683,641**	**1,683,641**	**79,125**				**1,604,516**					
			Zoological Department												
Z	WZ135	WZ13501	Zoo Aquatic & Reptile Center Structural Repairs	37,211	37,211	37,211									
Z	WZ141	WZ14101	Zoo Adventure Africa-Rhinos Exhibit	902,100	451,050					451,050					451,050
Z	WZ160	WZ16001	Zoo Admin Bdlg Roof Replacement	311,334	311,334					311,334					
Z	WZ176	WZ17601	Zoo Aviary Air Conditioning	355,586	355,586					355,586					
Z	WZ177	WZ17701	Zoo Parking Lot #4-Repavement	130,711	130,711					130,711					
Z	WZ178	WZ17801	Zoo Radio Replacements-2020	118,107	118,107	118,107									

Milwaukee County
2020 Capital Improvements Budget Summary

Project Category	Project	Project	Description	Total Capital EXP	Net County Contribution	Sales Tax Revenue	Misc Revenue/ VRF*	Property Tax Levy	PFC Revenue/Airport Reserve	Bonds	Reimbursement Revenue	Federal	State	Local	Private Contribution
					Net County Contribution Toward Total Capital EXP						*Net Non-County Revenue Towards Capital EXP*				
			Total Zoological Department	**1,855,049**	**1,403,999**	**155,318**				**1,248,681**					**451,050**
			Total PARKS, RECREATION AND CULTURE	**11,085,053**	**10,634,003**	**974,200**				**9,659,803**					**451,050**
			HEALTH AND HUMAN SERVICES												
			Human Services												
Z	WS125	WS12501	(Rose) Bolier-Exhaust/(McGovern) Exhaust Rplcmnt	167,938	167,938					167,938					
Z	WS127	WS12701	Kelly Sr Center & Nutrition Site Boiler Rplcmnt	249,858	249,858					249,858					
Z	WS128	WS12801	Wilson Sr Center Boiler and Exhaust Rplcmnt	194,954	194,954					194,954					
Z	WS126	WS12601	Youth Services Admin Relocation and Tenant Imprv	660,000	660,000			660,000							
			Total Human Services	**1,272,750**	**1,272,750**			**660,000**		**612,750**					
			Total HEALTH AND HUMAN SERVICES	**1,272,750**	**1,272,750**			**660,000**		**612,750**					
			GENERAL GOVERNMENT												
			Courthouse Complex												
Z	WC108	WC10801	CJF Sally Port Doors Replacement	229,066	229,066	229,066									
Z	WC140	WC14001	CJF Pod 4B Food Chutes	174,227	174,227	174,227									
Z	WC165	WC16501	Courthouse Monument & Waypoint Signage	192,835	192,835					192,835					
O	WC209	WC20901	Forensic Science Center-Phase 2	11,191,328	11,191,328					11,191,328					
Z	WC219	WC21901	CH Complex Fire Alarm Replacement	210,454	210,454	210,454									
			Total Courthouse Complex	**11,997,910**	**11,997,910**	**613,747**				**11,384,163**					
			County Grounds												
Z	WG035	WG03501	Vel Phillips Roof Replacement	96,168	96,168					96,168					
			Total County Grounds	**96,168**	**96,168**					**96,168**					
			House of Correction												
Z	WJ110	WJ11001	HOC Boiler House Repair Structural Slab	292,857	292,857	292,857									
Z	WJ111	WJ11101	HOC Admin 600 and 400 Dorm Kitchen Equipment	99,226	99,226					99,226					
			Total House of Correction	**392,083**	**392,083**	**292,857**				**99,226**					
			Other Agencies												
C	WO117	WO11701	Marcus Center Roof Replacement	1,345,462	1,345,462					1,345,462					
O	WO217	WO21701	Phone and Voicemail Replacement	1,928,235	1,928,235	1,000,000		928,235							
Z	WO179	WO17901	MCSO Voice Analytics	151,400	151,400	151,400									
P	WO189	WO18901	Countywide ADA Repairs-Phase 3	82,226	82,226	82,226									
Z	WO200	WO20001	Training Academy Parking Lot Replacement	171,527	171,527					171,527					
O, C	WO303	WO30301	Public Safety Data Interoperability	319,400	319,400			319,400							
O	WO528	WO52801	Charles Allis Façade Repair	192,338	192,338	192,338									
P	WO299	WO29901	Asset Protection-Remediation Services-Phase 1	739,500	739,500	739,500									
Z	WO273	WO27301	Cardiac Monitors	1,125,000	1,125,000					1,125,000					
Z	WO289	WO28901	CJF Intercoms and Door Controls Replacement	2,200,000	2,200,000			1,700,000		500,000					
P	WO334	WO33401	Asset Protection-Computer Replacement-Phase 2	724,493	724,493	724,493									
P	WO335	WO33501	Fleet General Equipment-2020	4,718,479	4,718,479					4,718,479					
P	WO336	WO33601	Sheriff Fleet Equipment-2020	840,000	840,000					840,000					
P	WO337	WO33701	House of Correction Fleet Equipment-2020	260,000	260,000					260,000					
P	WO338	WO33801	Fleet Parks Equipment-2020	2,520,000	2,520,000					2,520,000					
O	WO535	WO53501	War Memorial North Parking Lot "Green" Imprvmnts	800,000	800,000					800,000					
Z	WO544	WO54401	MER Fire Suppression Replacement	269,425	269,425	269,425									
C	WO546	WO54601	Enterprise Platform Modernization-Phase 2	2,000,000	2,000,000	2,000,000									
			Total Other Agencies	**20,387,485**	**20,387,485**	**5,159,382**		**2,947,635**		**12,280,468**					
			Total GENERAL GOVERNMENT	**32,873,646**	**32,873,646**	**6,065,986**		**2,947,635**		**23,860,025**					
			Grand Total 2020 Capital Improvements	**90,989,661**	**87,526,804**	**7,354,784**		**3,607,635**	**13,712,002**	**62,852,383**	**3,011,807**	**1,797,985**	**1,213,822**		**451,050**
			Total Excluding Airports	**58,048,153**	**55,890,065**	**7,354,784**		**3,607,635**		**44,927,646**	**1,707,038**	**647,166**	**1,059,872**		**451,050**

**VRF = Vehicle Registration Fee*

# of Projects	Project Category
6	C = Contractually Obligated. Projects by which the County has been contractually obligated (via legal instrument(s)) to provide.
1	M = Mandated. Projects that help the County meet State, Federal, Local, and/or Court-Ordered requirement or mandates.
8	O = Ongoing/Continuing. Projects wherein previous appropriations have been approved for design (or phased construction/implementation). For example, Project X has an appropriation for design that was approved by the County Board in 2017. The design was completed in March of 2019. The 2020 Capital Improvements Budget includes an appropriation for the construction phase of Project X.
7	P = Programmatic. Projects that typically represent those with established replacement schedules, used to avoid extending assets beyond their useful life which leads to higher maintenance costs.
4	O, C = Projects that include both Ongoing/Continuing and Contractually Obligated elements.
61	Z = All other non-categorized projects.
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2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

INTRODUCTION

Annual Capital Budget Process:

General Capital Improvement Plan Overview
The County utilizes a 5-Year Capital Improvement Plan (CIP) to help plan and estimate future capital project needs. The first year of the CIP (which for this year's budget development process is 2020) is the year in which capital projects scheduled in that particular year receive funding. Years two through five (2021 – 2024) are planning years for future projects and/or continuing phases of existing projects.

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

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

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

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

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

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

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

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

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

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

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

2 Per Wisconsin State Statute 59.60(5), DAS Director submits a summary of the budget requests to the County Executive and County Board no later than August 15th.
County website address: http://county.milwaukee.gov/PSB/County-Budget.htm

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

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

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

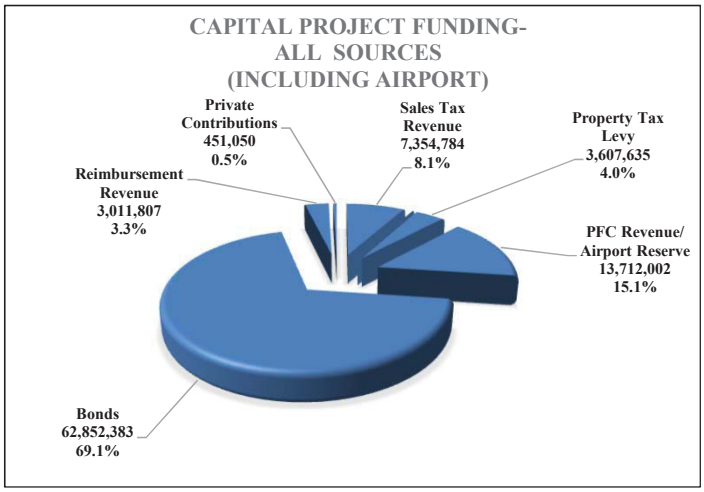
2020 Capital Budget - Project Selection Process:
Capital projects were reviewed and selected using a number of different prioritization factors. Important elements taken into consideration include whether a project is ongoing (i.e. continuation of an existing project begun through prior budget appropriation), is mandated or contractually obligated, addresses Life/Safety issues, and/or mitigates deferred maintenance issues. Other major considerations include: whether or not a project leverages external (non-County) funding that can be used to help offset total project costs (thereby reducing the taxpayer burden), departmental project rankings, and whether there is the potential for operating efficiencies. The Capital Improvement Committee (CIC) review (pursuant to Milwaukee County Ordinance, Chapter 36) is also used as an input to the process as well.

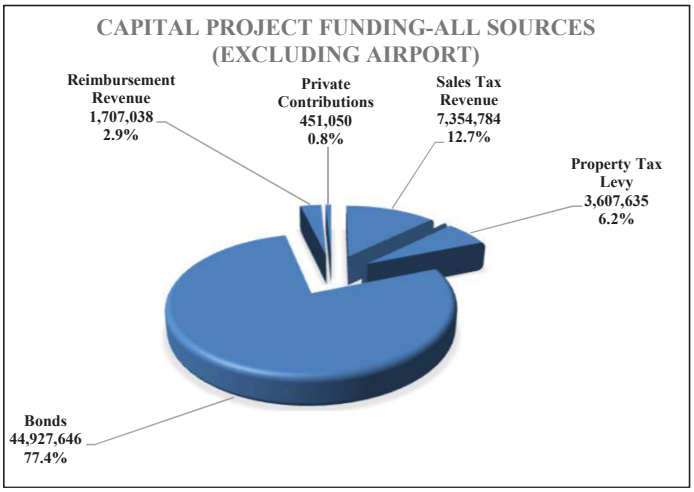
2020 Capital Improvement Budget Financing Overview:
The County finances non-Airport capital projects primarily with general obligation bonds and notes, sales tax, tax levy, reimbursement revenue (from Federal, State, and/or Local sources), vehicle registration fee revenue (VRF), and private contributions (from non-County entities).

Airport capital projects are typically funded with general airport revenue bonds, airport reserve revenue, passenger facility charge revenue, and reimbursement revenue (from Federal, State, and/or Local sources). Sales tax, tax levy, and general obligation bonds and notes are generally not used to finance Airport capital projects.

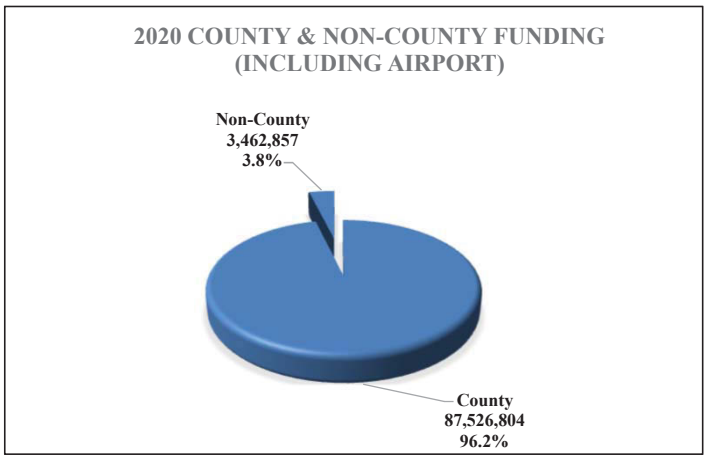
The 2020 Capital Improvements Budget (Capital Budget) includes 87 separate sub-projects for a total expenditure appropriation of $90,989,661. Anticipated reimbursement revenue (federal, state, local sources) and private contributions total $3,462,857, resulting in a net financing requirement of $87,526,804 (when including the Airport).

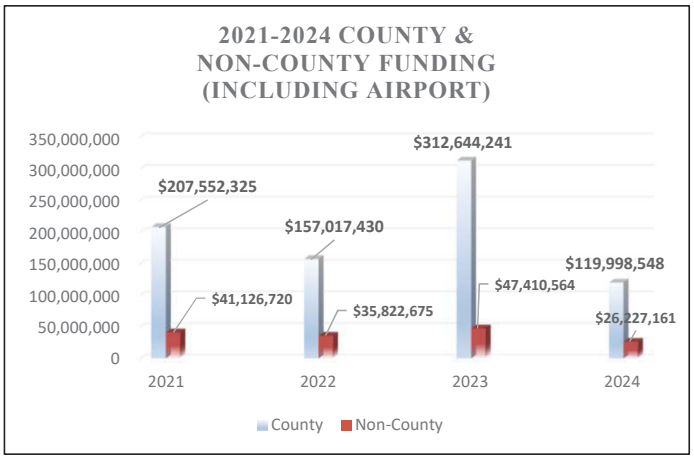
Net Financing requirements for 77 corporate purpose (non-Airport) sub-projects total $58,048,153. This includes County funding of $44,927,646 in general obligation bonds or notes, $7,354,784 in sales tax revenue, and $3,607,635 in tax levy. Anticipated reimbursement revenue (federal, state, local sources) and private contributions total $2,158,088.





The projects included in year 2020 of the 2020 - 2024 Capital Improvement Plan (CIP) are funded with total appropriations of $90,989,661 (includes both County and non-County funding). CIP years 2020 - 2023 are used for planning purposes and provide a listing of overall sub-projects and forecasted fiscal requirement over the next 4 years (see pages 139 - 148 of the 5-Year Plan Detail).





What is a Bond Eligible Project?

For non-Airport related capital projects, the County issues general obligation bonds or notes (bonds). Proceeds of these bonds may be used to finance infrastructure related activities of the County. Wisconsin State statutes limit the use of bond proceeds to capital expenditures. The Governmental Accounting Standards Board (GASB) establishes accounting and financial reporting standards for U.S. state and local governments that follow Generally Accepted Accounting Principles (GAAP). Additionally, the United States Internal Revenue Service (IRS) maintains rules and regulation that dictate and limit the use of bond proceeds. Pursuant to these rules and regulations, the County's Office of the Comptroller provides determination(s) as to the bond eligibility of capital projects.[5]

Capital projects that are not bond eligible must be financed through County cash (primarily sales tax and tax levy) and/or other financing sources (i.e. private contributions, VRF revenue, federal-state-locals funds, etc.).

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 2020 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).

Federal Expenditure Targets for Tax Exempt Bonds:

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

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

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

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

Non-Construction Issues:	
6 months	15% of proceeds & actual & expected earnings
12 months	60% of proceeds & actual & expected earnings
18 months	100% of proceeds & actual earnings

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

Annual Bond Limit:

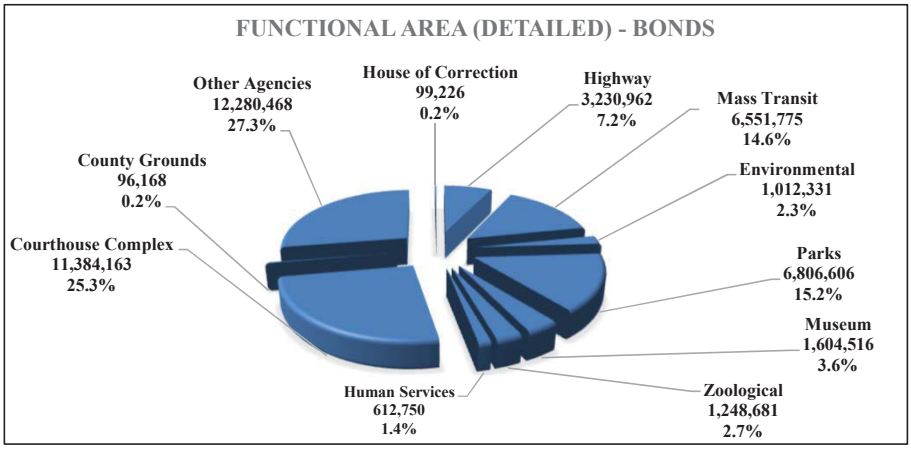
The annual bond limit is defined by County Board file number 03-263, an annual bonding cap to which policy-makers have generally adhered (3% over the prior year's Adopted bond base). The 2019 Adopted Capital Improvement Budget included bond financed projects in the amount of $43,619,074. Based on this amount, the 2020 bonding cap is calculated at $44,927,646.

5 As part of the annual capital budget development, the Office of the Comptroller provides a preliminary review regarding the bond eligibility of the capital projects. Upon adoption of the capital projects and prior to the issuance of bonds to finance the projects, the Office of the Comptroller provides a final bond eligibility review of the capital projects.

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

The corporate purpose (non-airport) bonding amount of $44,927,646 meets the 2020 bonding cap. Bond financing related to the Airport is non corporate-purpose and is therefore not included.

	Bond Financing		Budget OVER / (UNDER) Bonding Cap:	
Year	*Bonding Cap*	*Budget*	*$*	*%*
2020	$44,927,646	$44,927,646	$0	0.00%



For 2020, there were sixty-three BOND ELIGIBLE projects requested by departments. This includes two projects (WO28901 and WC20901) that are partially BOND ELIGIBLE. The majority of (2020) requested BOND ELIGIBLE projects received funding for:

- Planning and Design (45% percent of projects)
- Construction/Implementation (14% percent of projects)
- Planning and Design + Construction/Implementation (41% percent of projects)

Of the requested bond eligible projects, twelve were not included in the capital budget:

Project Number	Project Name	Requested County Funding	Reason
WH24201	North Shop Improvement	$11,508,222	Withdrawn by Dept for future consideration
WP20301	Kosciuszko Community Center HVAC	$2,316,919	Hold pending results from WP70001-Kosciuszko Community Center Facility Study (2020 Capital Budget)
WO13601	Trimborn Farm Stone Barn Roof	$50,508	Existing project balance to be used to complete planning/design
WP05046	Lincoln Park Baseball Lighting	$595,103	Planning/Design not yet started
WP49801	Underwood Creek Pkwy Rd Rplcmnt-Bluemound to 119th	$1,323,846	Planning/Design not yet started
WP53401	Rainbow Park Playground Replacement	$291,984	Replaced with playground that better meets Racial Equity goals**
WP53601	Mitchell Airport Park Playground Replacement	$291,984	Replaced with playground that better meets Racial Equity goals**
WE06501	Mental Health Complex New Generator	$1,209,752	Use BHD Reserves if necessary*
WE04001	BHD Roof Replacement	$1,753,560	Use BHD Reserves if necessary*
WE04101	BHD Air Handling System	$1,490,843	Use BHD Reserves if necessary*
WP53801	Root River Pkwy Recnstrc Pkwy-92nd and Parking Lot	$1,541,956	Planning/Design not yet started
WP53501	Pulaski-Cudahy Park Playground Replacement	$291,984	Replaced with playground that better meets Racial Equity goals**
	TOTAL:	**$22,666,661**	

* *To the extent necessary, projects to be undertaken and funded within the BHD operating budget and/or BHD Reserves. Capital Reserves as of 9-1-2019 are $5.15 million.*

** *Playgrounds are being replaced in Washington Park (WP71101), Indigenous Peoples' Park (WP71001), and Rose Park (WP63701).*

In addition, capital project WC20901-Forensic Science Center - Phase 2 bonding was reduced from the 2020 requested level of $25.1 million to $11.2 million as full construction funding is not anticipated until after 2020 (subsequently, $3.0 million in related non-bond eligible costs are removed as well). Lastly, Planning and Design for WP71201-South Shore Park Pavilion - North Yard Imprvmnts was added as part of the County Executive's Recommended Budget.

Cash Financing:

Beginning with the 1995 capital budget, the County established a cash-financing goal of 20.0% to be implemented over a ten-year period. This policy served to increase minimum cash financing by 2.0% annually.

The annual cash goal reflects 20% of the Net County Funding Contribution (which excludes Federal/State/Local revenue sources). County cash financing primarily consists of sales tax and property tax levy for non-Airport capital projects. The Vehicle Registration Fee (VRF) was introduced as part of the 2017 Adopted Budget and is recognized as a County cash contribution. Typically, private contributions are one-time (non-County) allocations to specific capital projects pursuant to specific agreement(s). In order to more accurately account for the true County cash (i.e. sales tax, property tax, and VRF) capital contribution requirement for non-Airport projects, private contributions are excluded. In general, policy-makers have focused on the 20% cash goal exclusive of Airport projects as the Airport funds a large amount of projects through cash contributions (i.e. PFC, other Airport reserves) that do no impact the County's overall tax levy.

2020 CAPITAL IMPROVEMENT BUDGET
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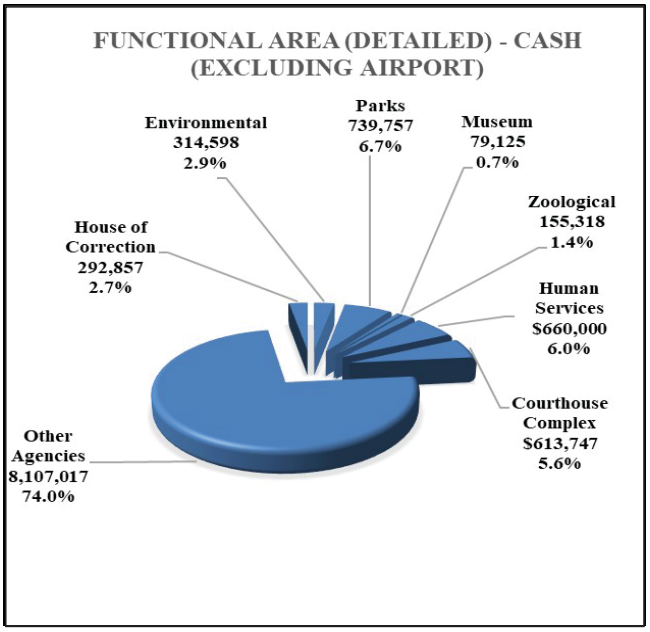
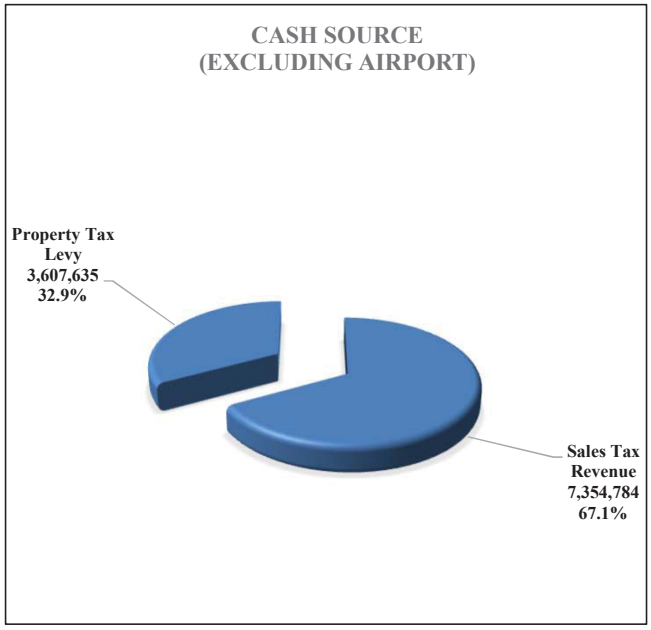
Including Airport:
Net County financing included in the 2020 budget totals $87,526,804, including the Airport. Cash needed to meet the 20.0% financing goal is calculated at $17,505,361. The 2020 budgeted cash financing of $24,674,421 represents 28.2% of net County financing.

Excluding Airport:
Net County financing totals $55,890,065. Cash needed to meet the 20.0% financing goal of non-airport projects is calculated at $11,178,013. The 2020 budgeted cash financing of $10,962,419 represents 19.6% of net County financing.

	2020 Net County Contrib.	Sales Tax Revenue	Tax Levy	*Vehicle Registration. Fee/Misc	PFC/ Airport Reserve	TOTAL CASH	% CASH
All Projects, Including Airport:	$87,526,804	$7,354,784	$3,607,635	$0	$13,712,002	$24,674,421	28.2%
All Projects, Excluding Airport:	$55,890,065	$7,354,784	$3,607,635	$0	$0	$10,962,419	19.6%





NON-BOND ELIGIBLE projects at the DEPARTMENTAL REQUEST Phase consistently outpace the County's ability to finance projects using sales tax, tax levy, and/or VRF revenue (i.e. “cash”). Given the fiscal challenges facing the operating budget and assuming relatively flat revenue growth as well as assumed annual cost to continue increases, it is unlikely that additional cash resources will be available to shift from operations towards increased cash financing (over the 20% cash goal policy) of future capital budget(s).

Overall, the total NON-BOND ELIGIBLE projects at the DEPARTMENTAL REQUEST Phase is significantly higher than the County's available cash financing (i.e. 20% cash goal). From 2017-2019, the average cash financing shortfall from Departmental Requests to Final Budget Adoption averages $21 million (or a cash shortfall of just under 68%).

County Cash Funding Gap (Excluding Airport)					
	CASH	CASH	CASH	*CASH FINANCING BREAKOUT*	
BUDGET YR	REQUEST	BUDGET	SURPLUS/(GAP)	FUNDED	NOT FUNDED
2017	$23,400,414	$10,286,987	($13,113,427)	44.0%	56.0%
2018	$36,785,176	$5,409,618	($31,375,558)	14.7%	85.3%
2019	$30,085,532	$11,476,492	($18,609,040)	38.1%	61.9%
3-YR AVG	$30,090,374	$9,057,699	($21,032,675)	32.3%	67.7%
2020	*$31,783,042*	*$10,962,419*	*($20,820,623)*	34.5%	*65.5%*

NOTE: As the Airport, in general, does not utilize County sales tax, VRF, and/or tax levy to fund its capital or operating budgets, it is excluded from table above.

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

2020 Expenditure Appropriations by General Functional Area:

TRANSPORTATION AND PUBLIC WORKS (Highways, Mass Transit, Airport, Environmental)
The 2020 Capital Improvements Budget includes appropriations of $45,758,212 for Transportation and Public Works. The amount represents 50.29% of total 2020 capital appropriations. The $45,758,212 in appropriations is offset with 6.58% in reimbursement revenues.

Major 2020 Capital Projects	2020 Appropriation
WA22101-GMIA International Terminal Redevelopment	$25,112,809
WT07901-MCTS Fleet Maintenance Roof Replacement	$3,754,536
WH24001-W Rawson (CTH BB) USH 45 to Hawthorne Ln	$2,900,000

PARKS, RECREATION AND CULTURE (Parks Department, Zoological Department, Milwaukee Public Museum)
The 2020 Capital Improvements Budget includes appropriations of $11,085,053 for Parks, Recreation, and Culture. The amount represents 12.18% of total 2020 capital appropriations.

Major 2020 Capital Projects	2020 Appropriation
WP62802-Brown Deer Park Roadway Phase 2	$4,287,856
WZ14101-Zoo Adventure Africa-Rhinos Exhibit	$902,100

HEALTH AND HUMAN SERVICES (Department of Health and Human Services, Aging, Behavioral Health)
The 2020 Capital Improvements Budget includes appropriations of $1,272,750 for Health and Human Services. The amount represents 1.40% of total 2020 capital appropriations.

Major 2020 Capital Projects	2020 Appropriation
WS12601-Youth Services Admin Relocation and Tenant Imprv	$660,000

GENERAL GOVERNMENT (Elected Official Departments, Department of Administrative Services, Fleet, House of Corrections, Office of Emergency Management, Cultural Agencies)
The 2020 Capital Improvements Budget includes appropriations of $32,873,646 for General Government. The amount represents 36.13% of total 2020 capital appropriations.

Major 2020 Capital Projects	2020 Appropriation
WC20901-Forensic Science Center-Phase 2	$11,191,328
WO33501-Fleet General Equipment-2020	$4,718,479
WO33801-Fleet Parks Equipment-2020	$2,520,000

Capital Improvement Plan (CIP) – Years 2021* through 2024:
CIP years 2021 – 2024 are used for planning purposes and provide a listing of overall projects and forecasted fiscal requirement(s) over the next 4 years. It is important to note that the estimated costs for the majority of these projects are highly conceptual and will likely change based on updated information as provided by departments as part of the annual budget development process.

The table below reflects ***non-airport capital projects*** relative to available estimated County financing of (general obligation) bond, tax levy, sales tax, and vehicle registration fee revenue(s) only. The estimated County financing assumes the 3% annual bond cap increase and the 20% cash financing goal (both are reflective of existing County policy). For additional detail, please refer to the 5-Year Capital Improvement Plan beginning on page 139.

2021 - 2024 CIP Forecast and Estimated Available County Funding:

	2021*	2022	2023	2024
Estimated County Financing:	$57,844,344	$59,579,675	$61,367,065	$63,208,077
2021 - 2024 CIP (non-airport) Proj Requests:	176,279,484	148,063,516	291,986,448	107,094,614
Under/(Over) Available County Financing:	**($118,435,140)**	**($88,483,841)**	**($230,619,383)**	**($43,886,537)**

**Includes 2020 Requested Projects that were NOT funded in the 2020 Budget.*

As part of the annual budget process wherein budget appropriations are received, non-airport sub-projects will be evaluated (see 2020 Capital Budget - Project Selection Process section noted previously) and ranked in order to meet the available County financing.

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

A listing of 2021-2024 forecasted capital projects with $10 million (or greater) County financing is listed in the table below:

				FINANCING		
CIP YEAR	**DEPT**	**Project #**	**Project Description**	**County**	**Non-County**	**Total**
2021	DAS-FM-FM	WC20901	Forensic Science Center-Phase 2	16,900,357		16,900,357
2021	DOT-TRANSIT	WT12701	Battery Electric Buses - Placeholder (30/yr)	25,500,000		25,500,000
			TOTAL	**42,400,357**	**-**	**42,400,357**
2022	DAS-FM-FM	WC20701	New Criminal Courthouse	20,000,000		20,000,000
2022	DOT-TRANSIT	WT12701	Battery Electric Buses - Placeholder (30/yr)	25,500,000		25,500,000
			TOTAL	**45,500,000**	**-**	**45,500,000**
2023	DAS-FM-FM	WC20701	New Criminal Courthouse	180,000,000		180,000,000
2023	DOT-TRANSIT	WT12701	Battery Electric Buses - Placeholder (30/yr)	25,500,000		25,500,000
			TOTAL	**205,500,000**	**-**	**205,500,000**
2024	DOT-HWY	WH24201	North Shop Improvement	11,508,222		11,508,222
2024	DOT-TRANSIT	WT12701	Battery Electric Buses - Placeholder (30/yr)	25,500,000		25,500,000
			TOTAL	**37,008,222**	**-**	**37,008,222**

Note: Airport sub-projects are evaluated and ranked using the same criteria as non-airport sub-projects, but are typically not financed through general obligation bond, sales tax revenue, tax levy, or VRF revenue. Airport sub-projects are generally financed via PFC and Airport Reserve revenue(s). As a result, Airport sub-projects are not included in this table

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 2020 staffing plans have to be approved by the County Executive and County Board of Supervisors.

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DEBT AFFORDABILITY INDICATORS

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2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Direct Debt Per Capita

Policy Goal:
Direct debt per capita shall not exceed $500.

Definition:
Direct debt is the total outstanding principal for general obligation bonds and notes which the County has pledged its full faith, credit and unlimited taxing power. Direct debt per capita is determined by dividing direct debt totals by the most recent estimate of the number of persons residing in Milwaukee County. The 2019 Budget Year Direct Debt per Capita figure was $594.

Trend Information:

Budget Year	Direct Debt	County Population	Direct Debt Per Capita
2020	$532,785,597	945,509	$563
2021	$538,243,105	945,509	$569
2022	$530,664,778	945,509	$561
2023	$512,075,453	945,509	$542
2024	$494,644,377	945,509	$523
2025	$478,265,000	945,509	$506
2026	$462,580,000	945,509	$489
2027	$446,485,000	945,509	$472
2028	$430,005,000	945,509	$455

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

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

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Direct Debt as a Percent of Equalized Value

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

Definition:
Direct debt is the total outstanding principal for general obligation bonds and notes which the County has pledged its full faith, credit and unlimited taxing power. Direct debt does not include debt issued by the County on behalf of the conduit financings issued for non-county agencies. The direct debt only includes current outstanding debt and future debt that may be issued from 2020-2028. Equalized property value includes the value of Tax Incremental Financing Districts (TIDs).

Trend Information:

Budget Year	Direct Debt	Equalized Value (Includes TID)	Direct Debt as % of Value
2020	$532,785,597	$67,178,449,700	0.79%
2021	$538,243,105	$68,009,002,040	0.79%
2022	$530,664,778	$68,849,822,810	0.77%
2023	$512,075,453	$69,701,038,962	0.73%
2024	$494,644,377	$70,562,779,018	0.70%
2025	$478,265,000	$71,435,173,089	0.67%
2026	$462,580,000	$72,318,352,895	0.64%
2027	$446,485,000	$73,212,451,784	0.61%
2028	$430,005,000	$74,117,604,752	0.58%

**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 $67,178,449,700 reflects the DOR's certification for August 15th, 2019 through August 14th, 2020."*

Equalized value projections (2020-2028) are based on the previous 5-Year DOR certified average.

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Cash Financing of Capital Improvements

Policy Goal:
Cash financing for capital improvements

Definition:
Cash financing (pay-as-you-go financing) of capital improvements means the direct non-debt (exclusive of federal, state, and local sources) financing of project costs. Cash financing typically consists of property tax levy, sales tax revenues, VRF revenue, cash contributions from reserves, sales of capital assets, and revenue from Passenger Facility Charges (PFCs). As noted previously in the budget, (typically) private contributions are one-time (non-County) allocations to specific capital projects pursuant to specific agreement(s). In order to more accurately account for the true County cash (i.e. sales tax, property tax, and VRF) capital contribution requirement for non-Airport projects, private contributions are excluded.

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 2020 private contribution amount of $451,050 is included in the table below as a separate column for comparison. The 2020 projection base assumes the previous 5-Year average percentage of bonds issued to fund capital projects and the 20% cash financing policy goal.

The table below includes total cash financing of $24,674,421 and consists of $7,354,784 in sales tax revenue, $9,576,977 in Airport Reserves, $4,135,025 in PFC revenue, and $3,607,635 in tax levy.

Trend Information:

		(Excluding Private Contributions)		(Including Private Contributions)	
Budget Year	**Net County Capital Cost**	**Direct Cash Financing**	**Percent Cash Financing**	**Direct Cash Financing**	**Percent Cash Financing**
2020	$87,526,804	$24,674,421	28.2%	$25,125,471	28.7%
2021	$77,537,294	$15,507,459	20.0%	$21,107,459	27.2%
2022	$79,863,413	$15,972,683	20.0%	$16,667,683	20.9%
2023	$82,259,315	$16,451,863	20.0%	$0	20.0%
2024	$84,727,095	$16,945,419	20.0%	$17,445,419	20.6%
2025	$87,268,908	$17,453,782	20.0%	$0	20.0%
2026	$89,886,975	$17,977,395	20.0%	$0	20.0%
2027	$92,583,584	$18,516,717	20.0%	$0	20.0%

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Debt Service in Comparison to Sales Tax Revenue

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

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

Trend Information:

Budget Year	Tax Supported Debt Service	County Sales & Use Tax Revenue	Surplus Sales Tax Revenues
2020	$34,698,117	$75,142,024	($40,443,907)
2021	$52,229,677	$76,795,149	($17,545,221)
2022	$55,504,160	$78,484,642	($18,839,042)
2023	$55,224,971	$80,211,304	($17,056,849)
2024	$67,047,451	$81,975,953	($17,802,528)
2025	$57,804,286	$83,779,424	($19,278,954)
2026	$58,756,949	$85,622,571	($7,609,168)
2027	$59,717,687	$87,506,267	($20,379,910)
2028	$60,140,879	$89,431,405	($22,251,720)

Note:
The 2020 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 2020 Budget Org. Unit 1800 - Non-Departmental Revenues.

Budgeted revenues for the upcoming fiscal years are determined through the budget process. Revenues for 2020 are $40.4 million for the general fund purposes mentioned above.

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY
User Guide-Capital Budget Narrative

Project No.	Sub-Project No.	Sub-Project Title
WC178	WC17801	CH LIGHTCOURT REHABILITATION (#6)

2020 Sub-Project Addresses the following item/issue:

The remaining original 1930's single pane glass windows within the Courthouse's four (4) lightcourts need replacement. Many of these windows have deteriorated and rusted frames/sashes and leak. All fail to provide proper insulation from winter and summers temperatures.

Lightcourt renovation is recommended to by lightcourt #6. Major assessment items in lightcourt #6 include: (1) four light court facades which are constructed primarily of a blend of hard burned face brick with limestone window sills and limestone copings at top of parapet walls; (2) windows on the facades are primarily steel framed with primarily fixed (inoperable) lights that vary in shape, size, and mullion configuration.

2020 Sub-Project Scope of Work:

The scope of work includes consultant services providing a condition assessment, design and construction bid documents related to existing windows, exterior ductwork, existing veneer masonry, parapets and flashing within Light Court #6. Design development will establish a means to correct deteriorated elements based on the report. With respect to sustainability, new equipment will incorporate energy efficient and sustainable design as allowed by the building code for this installation.

2021 - 2024 Sub-Project Scope of Work:

The forecasted scope of work is anticipated to include repairing brick veneer masonry, replacement of existing windows with a new aluminum window frame (thermally broken) and new insulating glazing.

Includes the project's BUDGET APPROPRIATION (gray) and PLANNED (white) funding amounts from COUNTY & Federal/State/Local/Other sources. [1]

Reflects any project funding from a Federal, State, Local, and/or Other sources (i.e. private contributions, gifts/donations).

Indicates COUNTY-ONLY BUDGET APPROPRIATION.

PLANNED COUNTY-ONLY Funding over the next 4 years. These costs are re-estimated during the County's annual budget process. [1]

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$162,883	$0	$25,000	$0	$137,883
2021	$0	$0	$0	$0	$0
2022	$1,077,390	$0	$0	$0	$1,077,390
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$1,240,273*	*$0*	*$25,000*	*$0*	*$1,215,273*

2020 Budget Year Financing

Federal, State & Local Aid	$25,000	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$137,883	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$162,883*	

This table reflects the project funding sources.

Capital Sub-Project Breakdown (2015 - 2024)

SUB-PROJECT BY PHASE	Prior Approp. Incl. '19 Adotped	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$162,883	$0	$162,883
Construction & Implementation	$0	$0	$1,077,390	$1,077,390
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$162,883*	*$1,077,390*	*$1,240,273*

This table reflects ALL past and planned project costs.

Sub-Project Schedule	Year	QTR
Complete Site Acquisition	N/A	0
Complete Preliminary Plan	2020	4
Complete Final Plans & Specs	2021	1
Begin Construction/Purchase Asset	2022	1
Construction Substantially Completed	2022	4
Scheduled Sub-Project Closeout	2023	1

This table outlines the estimated project schedule.[2]

Requesting Department or Agency:
Dept of Admin Services - Fclty Mngmnt -Maint Section

Managing Department or Agency:
Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:
Yes

Functional Group:
General Government

Capital Category:
Facility_Rehab or Major Maint

Useful Life (Yrs)
30 Yrs

Indicates the estimated useful life of the asset.

1.) The out-years (i.e. 2021 - 2024) typically act as a planning tool to indicate the (estimated) project costs for those particular years. As such, the County is NOT committing future year funding indicated in the out-years, unless there is a County Board authorized legal instrument and/or a state/federal mandate directing the County to do so.

2.) Preliminary schedule. The project schedule is subject to change as the project scope and design become more refined and actual construction, implementation, and/or equipment purchase is implemented. If "N/A" is indicated, the item does not apply to this particular project.

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HIGHWAYS

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2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

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

2020 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.

2020 Scope of Work:

The scope of work includes the continuation of the design and start of right-of-way acquisition phases for W. Layton Ave. (CTH Y) from S. 27th St. to S. 43rd St. The overall project scope of work includes reconditioning of the 1.0 mile segment of W. Layton Ave. (CTH Y), including consideration for bicycle and pedestrian accommodations. Milwaukee County Department of Transportation (MCDOT) was approved for funding from the Wisconsin Department of Transportation (WISDOT) under the County Highway Improvement Program (CHIP) for a maximum of $1,531,534 for eligible project costs. THE STATE FUNDING EXPIRES ON JUNE 30, 2023.

2021 - 2024 Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of $4,600,000 that are necessary to complete the work on the W. Layton Ave. (CTH Y) from S. 27th St. to S. 43rd St. project. Financing is anticipated to be provided from $1,211,354 in State revenue and $3,388,646 in 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$360,000	$0	$0	$0	$360,000
2021	$4,600,000	$0	$1,211,354	$0	$3,388,646
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$4,960,000*	*$0*	*$1,211,354*	*$0*	*$3,748,646*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$360,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$360,000*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$842,683	$230,000	$0	$1,072,683
Construction & Implementation	$0	$0	$4,600,000	$4,600,000
Right-of-Way Acquisition	$40,000	$130,000	$0	$170,000
Equipment	$0	$0	$0	$0
TOTAL	*$882,683*	*$360,000*	*$4,600,000*	*$5,842,683*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2021	1
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2021	1
Begin Implementation/Purchase Asset	2021	2
Substantially Completed	2021	4
Scheduled Sub-Project Closeout	2022	3

Useful Life (Yrs)

25

Requesting Department or Agency:

Dept of Transportation - Highways

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

YES

Functional Group:

Transportation and Public Works

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WH010	**WH01022**	**RECONST 13TH PUETZ TO DREXEL**

2020 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.

2020 Scope of Work:

The scope of work includes the continuation of the design phase and the start of the right-of-way acquisition phase for S. 13th St. (CTH V) from W. Puetz Rd. to W. Drexel Ave. The overall sub-project scope of work includes the reconstruction of a 1 mile segment of S. 13th St. (CTH V) from W. Puetz Rd. to W. Drexel Ave. and includes an urban and rural combination section with bicycle and pedestrian accommodations. The Federal funding from the Wisconsin Department of Transportation (WISDOT) under the Surface Transportation Program (STP) was approved for the both the design and right-of-way acquisition phases for a total estimated cost of $1,360,000 where it would provide 80% for the Federal share $1,088,000 and 20% $272,000 for the Milwaukee County share. It is anticipated that the Federal funding (80%) for the construction phase will be approved before the 2023 construction season.

2021 - 2024 Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of $5,777,000 that are necessary to complete the work on the project. Financing is anticipated to be provided from $4,616,000 in Federal revenue and $1,154,000 in 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$530,000	$424,000	$0	$0	$106,000
2021	$530,000	$424,000	$0	$0	$106,000
2022	$0	$0	$0	$0	$0
2023	$5,240,000	$4,192,000	$0	$0	$1,048,000
2024	$0	$0	$0	$0	$0
TOTAL	***$6,300,000***	***$5,040,000***	***$0***	***$0***	***$1,260,000***

2020 Budget Year Financing			
Federal, State & Local Aid	$424,000	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$106,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$530,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$602,838	$333,000	$333,000	$1,268,838
Construction & Implementation	$0	$0	$5,240,000	$5,240,000
Right-of-Way Acquisition	$0	$197,000	$197,000	$394,000
Equipment	$0	$0	$0	$0
TOTAL	***$602,838***	***$530,000***	***$5,770,000***	***$6,902,838***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2022	4
Complete Preliminary Plan (if applicable)	2020	4
Complete Final Plans & Specs	2022	3
Begin Implementation/Purchase Asset	2023	1
Substantially Completed	2023	4
Scheduled Sub-Project Closeout	2024	2

Useful Life (Yrs)

30

Requesting Department or Agency:

Dept of Transportation - Highways

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

YES

Functional Group:

Transportation and Public Works

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WH098	**WH09801**	**S 76TH ST BRIDGE B-40-0574 (SB) OVER LOOMIS RD**

2020 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 79.7 and is functionally obsolete. Its concrete spalled and deteriorated. Its railing is substandard and its geometry require improvements.

2020 Scope of Work:

The scope of work includes the start of the design phase for S 76th St Bridge B-40-0574 (SB) over Loomis Rd in the Local Bridge Program (LBP). The overall project scope of work includes the rehabilitation of bridge B-40-0574, southbound S 76th St bridge over Loomis Rd in the City of Franklin. It is a 255-foot two span prestressed concrete girder deck bridge built in 1993. The bridge rehabilitation will address the concrete deterioration, expansion joint deterioration, approach pavement settlement and other structural deficiencies. The State funding from the Wisconsin Department of Transportation (WISDOT) under the LBP was approved for a total estimated cost of $1,398,990 where it would provide 80% for the State share $1,119,192 and 20% $279,798 Milwaukee County share. There is an additional $55,735 of County funds for ineligible items that are not covered by WISDOT.

2021 - 2024 Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of $1,214,725 that are necessary to complete the work on the S 76th St Bridge B-40-0574 (SB) over Loomis Rd project. Financing is anticipated to be provided from $971,780 in State revenue and $242,945 in County funds.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$240,000	$0	$147,412	$0	$92,588
2021	$0	$0	$0	$0	$0
2022	$1,214,725	$0	$971,780	$0	$242,945
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,454,725***	***$0***	***$1,119,192***	***$0***	***$335,533***

2020 Budget Year Financing			
Federal, State & Local Aid	$147,412	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$92,588	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$240,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$240,000	$0	$240,000
Construction & Implementation	$0	$0	$1,214,725	$1,214,725
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$240,000***	***$1,214,725***	***$1,454,725***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	N/A	0
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	2021	4
Begin Implementation/Purchase Asset	2022	2
Substantially Completed	2022	4
Scheduled Sub-Project Closeout	2023	3

Useful Life (Yrs)

30

Requesting Department or Agency:

Dept of Transportation - Highways

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WH110	**WH11001**	**W BELOIT RD (CTH T)-S 124TH ST TO S WOLLMER RD**

2020 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.

2020 Scope of Work:

The scope of work includes continuing the design phase for the W. Beloit Rd. (CTH T) project from S. 124th St. to S. Wollmer Rd. in the County Highway Improvement Program (CHIP). The scope of work includes a reconditioning of the 1.4 mile segment of W. Beloit Rd. (CTH T) with hot mix asphalt pavement, including shoulder paving, minor drainage and safety improvements. The State funding from WISDOT under the County Highway Improvement Program (CHIP) is a maximum of $807,992 for eligible project costs. THE STATE FUNDING EXPIRES ON JUNE 30, 2023.

2021 - 2024 Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of $3,100,000 that are necessary to complete the work on the project. Financing is anticipated to be provided from $807,992 in State revenue and $2,292,008 in 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$450,000	$0	$0	$0	$450,000
2021	$100,000	$0	$0	$0	$100,000
2022	$3,000,000	$0	$807,992	$0	$2,192,008
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$3,550,000***	***$0***	***$807,992***	***$0***	***$2,742,008***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$450,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$450,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$125,000	$375,000	$100,000	$600,000
Construction & Implementation	$0	$0	$3,000,000	$3,000,000
Right-of-Way Acquisition	$0	$75,000	$0	$75,000
Equipment	$0	$0	$0	$0
TOTAL	***$125,000***	***$450,000***	***$3,100,000***	***$3,675,000***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2020	4
Complete Preliminary Plan (if applicable)	2019	4
Complete Final Plans & Specs	2021	4
Begin Implementation/Purchase Asset	2022	1
Substantially Completed	2022	4
Scheduled Sub-Project Closeout	2023	2

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept of Transportation - Highways

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WH116	**WH11601**	**S 76TH ST BRIDGE B-40-0573 (NB) OVER LOOMIS RD**

2020 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 80.5 and is functionally obsolete. Its concrete spalled and deteriorated. Its railing is substandard and its geometry require improvements.

2020 Scope of Work:

The scope of work includes the start of the design phase for S 76th St Bridge B-40-0573 (NB) over Loomis Rd in the Local Bridge Program (LBP). The overall project scope of work includes the rehabilitation of bridge B-40-0574, northbound S 76th St bridge over Loomis Rd in the City of Franklin. It is a 255-foot two span prestressed concrete girder deck bridge built in 1993. The bridge rehabilitation will address the concrete deterioration, expansion joint deterioration, approach pavement settlement and other structural deficiencies. The State funding from the Wisconsin Department of Transportation (WISDOT) under the LBP was approved for a total estimated cost of $1,333,630 where it would provide 80% for the State share $1,066,904 and 20% for the Milwaukee County share of $266,726 . There is an additional $50,675 of County funds for ineligible items that are not covered by WISDOT.

2021 - 2024 Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of $1,184,305 that are necessary to complete the work on the S 76th St Bridge B-40-0573 (NB) over Loomis Rd project. Financing is anticipated to be provided from $947,444 in State revenue and $236,861 in County funds.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$200,000	$0	$119,460	$0	$80,540
2021	$0	$0	$0	$0	$0
2022	$1,184,305	$0	$947,444	$0	$236,861
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,384,305***	***$0***	***$1,066,904***	***$0***	***$317,401***

2020 Budget Year Financing			
Federal, State & Local Aid	$119,460	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$80,540	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$200,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$200,000	$0	$200,000
Construction & Implementation	$0	$0	$1,184,305	$1,184,305
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$200,000***	***$1,184,305***	***$1,384,305***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	N/A	0
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	2021	4
Begin Implementation/Purchase Asset	2022	2
Substantially Completed	2022	4
Scheduled Sub-Project Closeout	2023	3

Useful Life (Yrs)

30

Requesting Department or Agency:

Dept of Transportation - Highways

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WH117	WH11701	SIGNALS CTH PP (GOOD HOPE RD)-99TH ST TO 60TH ST

2020 Sub-Project Addresses the following item/issue:

The sub-project addresses the immediate need to improve efficiency and mobility at signalized intersections for both motorists and pedestrians along County Trunk Highways (CTH), improving the overall safety of the Milwaukee County (County) highway system.

2020 Scope of Work:

The scope of work includes the start of the design phase for the Signals CTH PP (Good Hope Rd)-99th St. to 60th St project. The overall project scope of work is to install overhead per lane signal heads for the through lanes at 5 specified intersections to reduce crashes. It will eliminate the number of signal heads and poles in the median that have been repeatedly struck further reducing crashes. In addition, flashing yellow arrow left turn signals will be installed to have better driver comprehension, leading to a reduction in left turn crashes. The Federal funding from Wisconsin Department of Transportation (WISDOT) under the Highway Safety Improvement Program (HSIP) was approved for a total estimated cost of $930,204 where 90% Federal share is $832,683 and the 10% County share is $97,520 funded by Milwaukee County. There is an additional $10,096 of County funds for ineligible items that are not covered by WISDOT. The HSIP funding expires in 2024.

2021 - 2024 Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of $829,700 that are necessary to complete the work on the project. Financing is anticipated to be provided from $733,144 in Federal revenue and $96,556 in 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$110,600	$99,539	$0	$0	$11,061
2021	$120,600	$99,539	$0	$0	$21,061
2022	$0	$0	$0	$0	$0
2023	$709,100	$633,605	$0	$0	$75,495
2024	$0	$0	$0	$0	$0
TOTAL	***$940,300***	***$832,683***	***$0***	***$0***	***$107,617***

2020 Budget Year Financing			
Federal, State & Local Aid	$99,539	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$11,061	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$110,600***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$110,600	$110,600	$221,200
Construction & Implementation	$0	$0	$709,100	$709,100
Right-of-Way Acquisition	$0	$0	$10,000	$10,000
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$110,600***	***$829,700***	***$940,300***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	NA
Complete Preliminary Plan (if applicable)	2020	4
Complete Final Plans & Specs	2022	4
Begin Implementation/Purchase Asset	2023	2
Substantially Completed	2023	4
Scheduled Sub-Project Closeout	2024	2

Useful Life (Yrs)

15

Requesting Department or Agency:

Dept of Transportation - Highways

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WH118	WH11801	SIGNALS CTH PP (GOOD HOPE RD)-CTH W (PORT WASH RD)

2020 Sub-Project Addresses the following item/issue:

The sub-project addresses the immediate need to improve efficiency and mobility at signalized intersections for both motorists and pedestrians along County Trunk Highways (CTH), improving the overall safety of the Milwaukee County (County) highway system.

2020 Scope of Work:

The scope of work includes the start of the design phase for the Signals CTH PP (Good Hope Rd)-CTH W (Port Wash Rd) project. The overall project scope of work is to install overhead per lane signal heads for the through lanes at 6 specified intersections to reduce crashes. It will eliminate the number of signal heads and poles in the median that have been repeatedly struck further reducing crashes. In addition, flashing yellow arrow left turn signals will be installed to have better driver comprehension, leading to a reduction in left turn crashes. The Federal funding from Wisconsin Department of Transportation (WISDOT) under the Highway Safety Improvement Program (HSIP) was approved for a total estimated cost of$1,154,100 where 90% Federal share is $1,034,190 and the 10% County share is $119,910. There is an additional $15,073 of County funds for ineligible items that are not covered by WISDOT. The HSIP funding expires in 2023.

2021 - 2024 Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of $1,021,773 that are necessary to complete the work on the project. Financing is anticipated to be provided from $910,563 in Federal revenue and $111,210 in 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$147,400	$123,627	$0	$0	$23,773
2021	$147,400	$123,627	$0	$0	$23,773
2022	$874,373	$786,936	$0	$0	$87,437
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,169,173***	***$1,034,190***	***$0***	***$0***	***$134,983***

2020 Budget Year Financing			
Federal, State & Local Aid	$123,627	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$23,773	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$147,400***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$137,400	$137,400	$274,800
Construction & Implementation	$0	$0	$874,373	$874,373
Right-of-Way Acquisition	$0	$10,000	$10,000	$20,000
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$147,400***	***$1,021,773***	***$1,169,173***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	NA
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	2020	3
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2021	2

Useful Life (Yrs)

15

Requesting Department or Agency:

Dept of Transportation - Highways

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WH240	**WH24001**	**W RAWSON (CTH BB) USH 45 TO HAWTHORNE LN**

2020 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.

2020 Scope of Work:

The scope of work includes the construction phase for the W. Rawson Ave. (CTH BB) project from USH 45 to Hawthorne Ln. in the County Highway Improvement Program (CHIP). The work includes a reconditioning of the 1.2 mile segment of W. Rawson Ave. (CTH BB) with hot mix asphalt pavement, including shoulder paving, minor drainage and safety improvements. The State funding from Wisconsin Department of Transportation (WISDOT) under the County Highway Improvement Program (CHIP) is a maximum of $793,000 for eligible project costs. THE STATE FUNDING EXPIRES ON JUNE 30, 2021. DUE TO THE PROJECT FUNDING NOT BEING APPROVED IN THE 2017 AND 2018 CAPITAL BUDGETS, IF THE PROJECT IS NOT APPROVED FOR THE CONSTRUCTION IN 2020, CONSTRUCTION WILL NOT TAKE PLACE IN 2020, RESULTING IN A LOSS OF THE STATE FUNDING IN ITS ENTIRETY.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$2,900,000	$0	$793,000	$0	$2,107,000
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$2,900,000***	***$0***	***$793,000***	***$0***	***$2,107,000***

2020 Budget Year Financing			
Federal, State & Local Aid	$793,000	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$2,107,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$2,900,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$450,000	$0	$0	$450,000
Construction & Implementation	$0	$2,900,000	$0	$2,900,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$450,000***	***$2,900,000***	***$0***	***$3,350,000***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	NA
Complete Preliminary Plan (if applicable)	2019	4
Complete Final Plans & Specs	2020	1
Begin Implementation/Purchase Asset	2020	2
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2021	2

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept of Transportation - Highways

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

SECTION 2
MASS TRANSIT

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2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WT078	WT07801	REPLACE KK GARAGE BUS STORAGE BUILDING ROOF

2020 Sub-Project Addresses the following item/issue:

The KK Garage bus storage building roof is over 30 years old and is well passed its useful life. Numerous leaks in the roof have caused damage to the interior of the building. The roof is routinely patched for leaks, but it is near impossible to keep the roof leak-free at this point. Damage from leaks continues and the costs of patching are also increasing.

2020 Scope of Work:

The scope of work includes planning and design for replacement of the existing roofing system on facility. The work also includes development of structural and solar reports to assess suitability of facility to accommodate rooftop solar photovoltaic field. A photovoltaic field component may be incorporated as design alternative.

2021 - 2024 Scope of Work:

The scope of work includes installation of a new roofing system on the KK Garage Bus storage facility per 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$457,873	$0	$0	$0	$457,873
2021	$3,582,728	$0	$0	$0	$3,582,728
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$4,040,601***	***$0***	***$0***	***$0***	***$4,040,601***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$457,873	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$457,873***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$457,873	$0	$457,873
Construction & Implementation	$0	$0	$3,582,728	$3,582,728
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$457,873***	***$3,582,728***	***$4,040,601***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2019	2
Complete Final Plans & Specs	2019	3
Begin Implementation/Purchase Asset	2020	1
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

40

Requesting Department or Agency:

Dept of Transportation - Transit/Paratransit

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WT079	WT07901	REPLACE MCTS FLEET MAINTENANCE ROOF

2020 Sub-Project Addresses the following item/issue:

The MCTS fleet maintenance building roof is over 30 years old and is well passed its useful life. Numerous leaks in the roof have caused major damage to the interior of the building. The roof is routinely patched for leaks, but it is near impossible to keep the roof leak-free at this point. Damage from leaks continues and the costs of patching are also increasing. This is the construction phase of the project (the 2019 Adopted Capital Budget included an appropriation of $530,467 for planning and design).

2020 Scope of Work:

The scope of work includes replacement of the existing roofing system on the facility.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$3,754,536	$0	$0	$0	$3,754,536
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$3,754,536*	*$0*	*$0*	*$0*	*$3,754,536*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$3,754,536	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$3,754,536*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$530,467	$0	$0	$530,467
Construction & Implementation	$0	$3,754,536	$0	$3,754,536
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$530,467*	*$3,754,536*	*$0*	*$4,285,003*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

40

Requesting Department or Agency:

Dept of Transportation - Transit/Paratransit

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WT106	WT10601	BUS LIFT REPLACEMENT (2) (KK GARAGE)

2020 Sub-Project Addresses the following item/issue:

There are nine in-ground bus lifts at the Kinnickinnic Garage Maintenance Facility. Two of the lifts (#1 and #2) have been abandoned due to age and safety concerns. With the closing of the Fiebrantz Garage, these two lifts require replacement to meet the added maintenance demand. The new lifts will be self-contained, in-ground lifts capable of supporting the additional weight inherent with battery electric buses.

2020 Scope of Work:

The scope of work includes planning and design for replacement of two condemned bus service lifts at the Kinnickinnic Transit Maintenance building. With respect to sustainability and energy efficiency, the new lifts will be more energy and material efficient compared to the original lifts installed in the 1980's. The new lifts will eliminate or reduce leakage of hydraulic fluid thereby reducing volume of fluid required on an annual basis and reduce the potential for future soil and ground water contamination.

2021 - 2024 Scope of Work:

The scope of work includes the construction phase for replacement of two condemned bus service lifts at the Kinnickinnic Transit Maintenance building. Anticipated work includes: saw cutting the concrete floor in order to remove existing lift equipment; environmental remediation as necessary; installing new lift equipment; hookup of new electrical and hydraulic fluids; and restoration of concrete floor.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$51,182	$0	$0	$0	$51,182
2021	$400,434	$0	$0	$0	$400,434
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$451,616***	***$0***	***$0***	***$0***	***$451,616***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$51,182	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$51,182***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$51,182	$0	$51,182
Construction & Implementation	$0	$0	$400,434	$400,434
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$51,182***	***$400,434***	***$451,616***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

30

Requesting Department or Agency:

Dept of Transportation - Transit/Paratransit

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WT108	WT10801	HVAC REPLACEMENT-KK BUS STORAGE/WASHHOUSE

2020 Sub-Project Addresses the following item/issue:

The existing heating, ventilation and air conditioning (HVAC) system is 35 years old and beyond its useful life. The current system requires on-going maintenance costs due to malfunctioning systems. A new HVAC system will likely also be more efficient than the existing system.

2020 Scope of Work:

The scope of the project includes planning and design for replacement of existing HVAC equipment with 9 MUA units, 9 exhaust fans, 4 roof exhaust fans, 18 unit heaters and 10 air curtains. New equipment will incorporate energy efficient and sustainable design as allowed by the building code for this installation. The replacement equipment is anticipated to enhance functionality, safety, building integrity and energy efficiency.

2021 - 2024 Scope of Work:

The scope of the project includes the construction phase for replacement of the existing HVAC.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$200,697	$0	$0	$0	$200,697
2021	$1,570,362	$0	$0	$0	$1,570,362
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,771,059***	***$0***	***$0***	***$0***	***$1,771,059***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$200,697	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$200,697***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$200,697	$0	$200,697
Construction & Implementation	$0	$0	$1,570,362	$1,570,362
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$200,697***	***$1,570,362***	***$1,771,059***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2021	2
Complete Final Plans & Specs	2021	2
Begin Implementation/Purchase Asset	2021	3
Substantially Completed	2022	1
Scheduled Sub-Project Closeout	2022	2

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept of Transportation - Transit/Paratransit

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WT109	WT10901	BUS LIFT REPLACEMENT (7) (MAINT FACILITY)

2020 Sub-Project Addresses the following item/issue:

There are 28 in-ground bus lifts at the MCTS Fleet Maintenance Facility. These lifts facilitate the bus fleet's longer-term, major repairs such as engine, transmission and body work. The lifts were installed original with the building in 1988 and have reached the end of their useful life of 30 years. Seven of the lifts (#'s 25, 41, 42, 47, 49, 51 and 52) have been abandoned due to age and safety concerns. The replacement lifts will be self-contained, in-ground lifts capable of supporting the additional weight inherent with battery electric buses.

2020 Scope of Work:

The scope of work includes planning and design for replacement of seven condemned bus service lifts at the Fleet Maintenance building (Hillside). With respect to sustainability and energy efficiency, the new lifts will be more energy and material efficient compared to the original lifts installed in the 1980's. The new lifts will eliminate or reduce leakage of hydraulic fluid thereby reducing volume of fluid required on an annual basis and reduce the potential for future soil and ground water contamination.

2021 - 2024 Scope of Work:

The scope of work includes the construction phase for replacement of two condemned bus service lifts at the Fleet Maintenance building (Hillside). Anticipated work includes: saw cutting the concrete floor in order to remove existing lift equipment; environmental remediation as necessary; installing new lift equipment; hookup of new electrical and hydraulic fluids; and restoration of concrete floor.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$179,115	$0	$0	$0	$179,115
2021	$1,401,491	$0	$0	$0	$1,401,491
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,580,606***	***$0***	***$0***	***$0***	***$1,580,606***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$179,115	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$179,115***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$179,115	$0	$179,115
Construction & Implementation	$0	$0	$1,401,491	$1,401,491
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$179,115***	***$1,401,491***	***$1,580,606***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2021	1
Complete Final Plans & Specs	2021	2
Begin Implementation/Purchase Asset	2021	3
Substantially Completed	2021	4
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

30

Requesting Department or Agency:

Dept of Transportation - Transit/Paratransit

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WT111	WT11101	CONCRETE YARD REPLACEMENT (KK GARAGE SITE)

2020 Sub-Project Addresses the following item/issue:

The asphalt pavement at this location is over 30 years old and needs to be replaced for safety, as well as to prevent yearly maintenance costs. The lot contains numerous cracks and potholes which is causing damage to vehicles. It is also a safety hazard for Milwaukee County Transit System (MCTS) employees especially during the winter months when snow and ice cover the lot.

2020 Scope of Work:

The scope of work includes planning and design for replacement of the concrete pavement (and related utilities and equipment) for the entire transit garage site.

2021 - 2024 Scope of Work:

The scope of work includes the construction phase for replacement of the concrete pavement for the entire transit garage site. This work is anticipated to include removal of all concrete pavement and replacement; Drainage/storm sewers, call box wiring, and other utility replacements under new pavement; and replacement of broken concrete curb and gutter as well as damaged chainlink fence; and new protective bollards.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$135,098	$0	$0	$0	$135,098
2021	$1,057,081	$0	$0	$0	$1,057,081
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,192,179***	***$0***	***$0***	***$0***	***$1,192,179***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$135,098	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$135,098***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$135,098	$0	$135,098
Construction & Implementation	$0	$0	$1,057,081	$1,057,081
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$135,098***	***$1,057,081***	***$1,192,179***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2021	1
Complete Final Plans & Specs	2021	1
Begin Implementation/Purchase Asset	2021	2
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept of Transportation - Transit/Paratransit

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

No

Functional Group:

Transportation and Public Works

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WT126	**WT12601**	**BATTERY ELECTRIC BUS INFRASTRUCTURE**

2020 Sub-Project Addresses the following item/issue:

As part of the 2019 Capital Improvement Program, the county board created and adopted Project WT12401 - Battery-Electric Bus Acquisitions. The project initiates the transition of the Milwaukee County Transit System (MCTS) fleet to battery-electric buses (BEBs) and away from fossil fuels. The adopted project provided $5,116,000 in funding for four BEBs and directed that DOT-Transit conduct a study of the infrastructure needs for its maintenance garages. A consultant was retained to conduct the study and has provided preliminary costs for the required BEB infrastructure.

Based on cost estimates provided by the BEB consultant, adequate funding exists in capital project WT12401 for the purchase of four BEBs as well as design, environmental assessments, permitting and construction/installation of BEB infrastructure. An additional $1.7 million is being requested for the garage charging stations (4) and in-route charging stations (4) required to operate four BEBs along to be determined alignments in the MCTS system.

2020 Scope of Work:

The scope of the project includes the purchase of four depot chargers to be located in MCTS facilities and four in-route chargers to be located along yet to be determined MCTS routes or route segments. A BEB consultant has identified seven manufacturers of depot chargers and two manufacturers of in-route chargers. Depot chargers range in price up to $75,000 per unit and in-route chargers range in price up to $350,000 per unit. Preliminary engineering, design, and spec writing will be completed in 2020 with funding from capital project WT12401. Purchase of the required charging stations will be made in late 2020 with final installation in early 2021.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$1,700,000	$0	$0	$0	$1,700,000
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,700,000***	***$0***	***$0***	***$0***	***$1,700,000***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$1,700,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$1,700,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$1,700,000	$0	$1,700,000
TOTAL	***$0***	***$1,700,000***	***$0***	***$1,700,000***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2020	2
Complete Preliminary Plan (if applicable)	2020	3
Complete Final Plans & Specs	2020	3
Begin Implementation/Purchase Asset	2020	4
Substantially Completed	2021	1
Scheduled Sub-Project Closeout	2021	2

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept of Transportation - Transit/Paratransit

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

YES

Functional Group:

Transportation and Public Works

Capital Category:

Vehicles & Equipment

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WT137	WT13701	KK MAINTENANCE BLDG ELECTRICAL SYSTEMS UPGRADES

2020 Sub-Project Addresses the following item/issue:

The electrical system located at the County's Kinnickinnic Bus Maintenance Facility-Washhouse Building consists of a 277/480 volt, 600 amp, 3 phase, 4 wire service. It is fed from a 600 amp breaker in M/MDP in the Maintenance Building. The system includes the panel, feeder (from the Maintenance Building), and breakers.

The County's facility assessment system (VFA) has indicated that the system currently has a priority of "2-Potentially Critical." A priority 2 status in VFA is defined as building systems that should be addressed within 1 - 2 years to maintain the integrity of the building and mitigate existing issues that will cause additional deterioration (if not addressed). Additionally, this priority indicates that a building's system(s) are at or exceeding its service life, but continued maintenance may possibly extend useful life (extension of useful life is dependent on review by appropriate County staff and/or consultants).

2020 Scope of Work:

The scope of work includes planning and design for replacement of electrical panels at the Kinnickinnic Maintenance Building.

2021 - 2024 Scope of Work:

The scope of work includes the construction phase for replacement of electrical panels at the Kinnickinnic Maintenance Building. Anticipated upgrades/replacments include: Voltages - 277/480, 3 Phase - 120/208, 3 Phase- Distribution - Ten (10) Panels, Four (4) Transformers.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$42,037	$0	$0	$0	$42,037
2021	$328,887	$0	$0	$0	$328,887
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$370,924***	***$0***	***$0***	***$0***	***$370,924***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$42,037	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$42,037***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$42,037	$0	$42,037
Construction & Implementation	$0	$0	$328,887	$328,887
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$42,037***	***$328,887***	***$370,924***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2020	0
Complete Preliminary Plan (if applicable)	2020	0
Complete Final Plans & Specs	2020	4
Begin Implementation/Purchase Asset	2021	1
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept of Transportation - Transit/Paratransit

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WT141	WT14101	EXHAUST SYSTEM REPLACEMENT AT KK WASHHOUSE BUILDING

2020 Sub-Project Addresses the following item/issue:

The exhaust ventilation system located at the County's Kinnickinnic Bus Maintenance Facility-Washhouse Building consists of a garage exhaust system with a base assembly including an exhaust fan unit, ductwork and controls. This exhaust system also has an energy recovery coil system, but it is no longer used.

The County's facility assessment system (VFA) has indicated that the system currently has a priority of "1-Potentially Critical" and is beyond its operating useful life. A priority 1 status in VFA is defined as a project that should be addressed within 1 year (or less) and that the equipment or system is at or exceeding its service life.

2020 Scope of Work:

The scope of work includes planning and design for replacement of existing HVAC equipment at the Kinnickinnic Washhouse Building.

2021 - 2024 Scope of Work:

The scope of work includes the construction phase for replacement of existing HVAC equipment at the Kinnickinnic Washhouse Building. Anticipated works includes: demo existing air curtains; replace existing AHU with a gas fired MUA unit, replace two existing exhaust fans with new along with lower about 6' high section of ducts (remaining ducts will to be cleaned); replace (4) existing unit ventilators with (4) new gas fired unit ventilators; replace (2) existing toilet exhaust fans with new with exhaust from toilets to outside of building.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$31,237	$0	$0	$0	$31,237
2021	$244,416	$0	$0	$0	$244,416
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$275,653***	***$0***	***$0***	***$0***	***$275,653***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$31,237	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$31,237***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$31,237	$0	$31,237
Construction & Implementation	$0	$0	$244,416	$244,416
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$31,237***	***$244,416***	***$275,653***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2021	1
Complete Final Plans & Specs	2021	2
Begin Implementation/Purchase Asset	2021	3
Substantially Completed	2021	4
Scheduled Sub-Project Closeout	2022	1

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept of Transportation - Transit/Paratransit

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility_Rehab or Major Maint

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2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

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

2020 Sub-Project Addresses the following item/issue:

The existing International Arrivals Building (IAB) at General Mitchell International Airport (GMIA) is a 23,000 square feet, one level stand-alone structure constructed in 1975. The Federal Inspection Services (FIS) facility includes process capacity of approximately 140 passengers per hour and does not meet current design standards of the US Department of Homeland Security. The IAB has one Passenger Boarding Bridge, nearing the end of its useful life. The IAB is detached from the terminal and the parking structure, requiring passengers to walk to these facilities, often in inclement weather. A feasibility study was conducted to assess current and future needs for the facility, and offered recommendations for the initial and ultimate capacity. An appropriation of $25,112,809 is budgeted for phase 2 of the construction of a new international concourse building. The building will be constructed in the current location of Concourse E, and will have gates that will serve both domestic and international arrivals/departures. The new building will contain a FIS facility that meets the current design standards for Homeland Security, and peak passenger processing throughput of 400 passengers per hour. Financing: $4,112,809 in Airport Development Fund Reserve, $1,000,000 in Passenger Facility Charge (PFC) cash, and $20,000,000 from PFC Backed Bonds.

2020 Scope of Work:

The scope of the project includes Phase 2 of the construction phase of Concourse E, including interior finishes, mechanical, electrical, plumbing, site work and connection to the existing terminal building. With respect to sustainability/energy efficiency, this project will built according to Leadership in Energy and Environmental Design (LEED) standards.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$25,112,809	$0	$0	$0	$25,112,809
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$25,112,809*	*$0*	*$0*	*$0*	*$25,112,809*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$4,000,000
Property Tax	$0	Revenue Bonds	$17,000,000
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$4,112,809	Other Revenue	$0
Total Budget Year Financing		*$25,112,809*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$4,689,000	$0	$0	$4,689,000
Construction & Implementation	$25,198,191	$25,112,809	$0	$50,311,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$29,887,191*	*$25,112,809*	*$0*	*$55,000,000*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	NA	0
Complete Final Plans & Specs	NA	0
Begin Implementation/Purchase Asset	2020	1
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

40

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

No

Functional Group:

Transportation and Public Works

Capital Category:

Facility_Replacement

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WA266	WA26601	GMIA ELECTRICAL SWITCHGEAR REPLACEMENT

2020 Sub-Project Addresses the following item/issue:

The electrical gear to be replaced in this project was installed between 1976 and 1983 to provide power to various locations in the terminal complex. The equipment is now past its useful life of 25 years. The equipment was tested in 2015 and again in 2017. The results of the tests indicate some corona discharge on the equipment which indicates failing insulation or buildup of dirt inside the unit. Loss of power from this equipment would have severe impacts to the airport, its users and customers. Emergency power is limited to life safety equipment only (fire alarm, communications, exit lighting). Because of the age of the gear, it is getting difficult to obtain replacement or new parts and meet the current National Electrical Code (NEC) arc flash and coordination safety requirements. Financing of $707,580 is provided from Passenger Facility Charge (PFC) backed bonds.

2020 Scope of Work:

The scope of work includes planning, design, and construction for removal of the medium voltage electrical substation in the mezzanine located in the Main Terminal at GMIA. Work also includes the installation of new electrical distribution equipment in the Main Terminal building.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$707,580	$0	$0	$0	$707,580
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$707,580***	***$0***	***$0***	***$0***	***$707,580***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$707,580
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$707,580***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$80,184	$0	$80,184
Construction & Implementation	$0	$627,396	$0	$627,396
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$707,580***	***$0***	***$707,580***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2021	1
Scheduled Sub-Project Closeout	2021	3

Useful Life (Yrs)

25

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility_Replacement

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WA272	WA27201	GMIA PARKING ACCESS & REVENUE CONTROL SYSTEM RPL

2020 Sub-Project Addresses the following item/issue:

The existing Parking Access & Revenue Control System (PARCS) at General Mitchell International Airport (GMIA) was installed in 2004 with a software update in 2010-2011. The system is no longer supported by the manufacturer and certain components are no longer available. The PARCS controls access to all of the public and employee parking areas at GMIA including the parking structure. The PARCS also manages and accounts for the parking revenue from all of the parking facilities at GMIA. Revenue generated from parking is the largest source of revenue for the airport. Having proper control of the parking facilities and accurate accounting of the parking revenue is vital to the economic viability of the airport. The $1,054,350 for 2020 is an additional construction appropriation request due to the cost for replacement of the PARCS system being higher than anticipated. Financing of $927,828 is provided from the Capital Improvement Reserve Account (CIRA) and $126,522 from the Customer Facility Charge (CFC) reserve.

2020 Scope of Work:

The scope of work includes additional costs identified during the design phase for the construction and implementation of the upgrade and replacement of the GMIA PARCS. Locations included in the sub-project include the parking structure, parking administration office and surface parking areas. Work includes replacement of the parking revenue control software, software licenses, hardware devices, cashier terminals, ticket dispensers, access control devices, testing and commissioning of all equipment.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$1,054,350	$0	$0	$0	$1,054,350
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,054,350***	***$0***	***$0***	***$0***	***$1,054,350***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$1,054,350	Other Revenue	$0
Total Budget Year Financing		***$1,054,350***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$333,111	$0	$0	$333,111
Construction & Implementation	$2,606,495	$1,054,350	$0	$3,660,845
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$2,939,606***	***$1,054,350***	***$0***	***$3,993,956***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2019	2
Complete Final Plans & Specs	2019	3
Begin Implementation/Purchase Asset	2020	1
Substantially Completed	2020	3
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

10

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

No

Functional Group:

Transportation and Public Works

Capital Category:

Other Capital

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WA280	WA28001	GMIA PARKING STRC REPLACE DECORATIVE METAL PANEL

2020 Sub-Project Addresses the following item/issue:

Currently, there are 57 decorative metal panels on the building face of the parking structure at General Mitchell International Airport (GMIA) that were installed in 2001 at the time of the latest addition to the parking structure. In 2018, a research investigation and site assessment was conducted by an architectural/engineering firm to assess the condition of the structural supports and the overall condition of the paint coatings of the metal panels, and to recommend options for repair and/or replacement. The completed report from this assessment indicated that flaking paint and rust are present on approximately 50% to 85% of the supporting steel members of the panels. The recommendations from that assessment include installation of preventative measures to extend the life of the existing panels, and the surface preparation and re-painting of all of the structural steel and aluminum panels. Financing is provided by $286,290 from Airport Development Fund (ADF) reserve and $39,039 from the Customer Facility Charge (CFC) reserve.

2020 Scope of Work:

The scope of work consists of a feasibility study and design option selection for the removal of the decorative metal panels and supports from the parking structure and replacing them with a different facade treatment to create a similar architectural aesthetic. Implementation of the selected architectural features will be budgeted in 2021.

2021 - 2024 Scope of Work:

The scope of work includes construction and implementation of the preferred option for repair or replacement of the decorative metal panels on the parking structure.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$325,329	$0	$0	$0	$325,329
2021	$2,700,000	$0	$0	$0	$2,700,000
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$3,025,329***	***$0***	***$0***	***$0***	***$3,025,329***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$325,329	Other Revenue	$0
Total Budget Year Financing		***$325,329***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$325,329	$0	$325,329
Construction & Implementation	$0	$0	$2,700,000	$2,700,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$325,329***	***$2,700,000***	***$3,025,329***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	2020	3
Begin Implementation/Purchase Asset	2021	1
Substantially Completed	2021	4
Scheduled Sub-Project Closeout	2022	3

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Traffic, Roadways, & Bridges (Airport)

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WA299	WA29901	GMIA TAXIWAY A EXTENSION

2020 Sub-Project Addresses the following item/issue:

Federal Aviation Administration (FAA) Advisory Circular 150/5300-13A "Airfield Design" was issued in 2012, and contains revised airfield pavement geometric standards and best practices for pavement layout for the purpose of improving airfield safety. In response to the new design standards, Milwaukee County conducted an Airfield Compliance Analysis in 2014 that identified specific areas of the airfield at General Mitchell International Airport that do not meet or partially meet the FAA design standards. One of the areas identified as a particularly high risk is the Taxiway M intersection with Runway 1L-19R. This particular intersection has also been designated a "Hot Spot" on the current FAA Airport Diagram due to historic operational problems in this area. Areas designated as Hot Spots should be addressed as soon as practical. A result of the 2014 Compliance Analysis is an updated Airport Layout Plan (ALP) that depicts corrected pavement geometry in this location. The extension of Taxiway A, and the subsequent elimination of Taxiway M eliminates the Hot Spot, while maintaining operational efficiency for the use of both main air carrier runways at GMIA. Financing is provided from $7,149,365 in FAA Airport Improvement Program (AIP) funding, $1,191,561 in State funding and $1,191,561 in Passenger Facility Charge (PFC) cash. Implementation of the project is contingent upon receiving the Federal and State funding.

2020 Scope of Work:

The scope of work includes planning, design and construction of Taxiway A from Taxiway E to Taxiway N. Work consists of grading and excavation, placement of granular base and concrete pavement, bituminous shoulder pavement, airfield lighting and signage, pavement markings and turf restoration adjacent to the new pavement.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$9,532,487	$7,149,365	$1,191,560	$0	$1,191,562
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$9,532,487***	***$7,149,365***	***$1,191,560***	***$0***	***$1,191,562***

2020 Budget Year Financing			
Federal, State & Local Aid	$8,340,925	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$1,191,562
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$9,532,487***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$1,080,195	$0	$1,080,195
Construction & Implementation	$0	$8,452,292	$0	$8,452,292
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$9,532,487***	***$0***	***$9,532,487***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2021	2
Complete Final Plans & Specs	2021	3
Begin Implementation/Purchase Asset	2022	2
Substantially Completed	2023	2
Scheduled Sub-Project Closeout	2023	4

Useful Life (Yrs)

25

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Hard-Surface (Non-Roadway)

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WA312	WA31201	GMIA ADMINISTRATION BUILDING REMODEL

2020 Sub-Project Addresses the following item/issue:

In 2018 an administrative office study was conducted for the General Mitchell International Airport (GMIA) Administrative Office Area, located in the terminal building near Concourse C. The study concluded that the current office layout is inefficient, does not meet the needs of current airport administration staffing levels, and does not adequately provide for efficient movement and collaboration. More effective sound proofing was also recommended in the study report. The current layout in the Administrative Office Area was completed in 1990. Financing is provided by $2,099,281 in Airport Development Fund (ADF) reserve.

2020 Scope of Work:

The scope of work includes planning, design, and construction for interior remodeling and office space reconfiguration of the Airport Administration building. Work consists of the demolition of interior walls, ceilings and floors, construction of new interior space including finishes, lighting, HVAC, plumbing, fire protection, data network and furniture.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$2,099,281	$0	$0	$0	$2,099,281
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$2,099,281***	***$0***	***$0***	***$0***	***$2,099,281***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$2,099,281	Other Revenue	$0
Total Budget Year Financing		***$2,099,281***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$237,890	$0	$237,890
Construction & Implementation	$0	$1,861,391	$0	$1,861,391
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$2,099,281***	***$0***	***$2,099,281***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2021	3
Complete Final Plans & Specs	2021	4
Begin Implementation/Purchase Asset	2021	4
Substantially Completed	2022	3
Scheduled Sub-Project Closeout	2023	2

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility_New Construction, Alteration, or Expansion

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WA331	WA33101	GMIA PARKING STRUCTURE LIGHTWELL ROOF INSTALL

2019 Sub-Project Addresses the following item/issue:

The original parking structure at General Mitchell International Airport was constructed in 1977. Since that time there have been changes to the use and operation of some of the levels, most notably the 1st and 2nd levels are now occupied by rental car tenants. The light well areas in the parking structure that are located within the rental car operations area are problematic in they allow rain and snow to come into the 1st and 2nd levels making it inconvenient for customers. The installation of a roof structure on the top level of the parking structure at the four light well locations would prevent precipitation from entering the structure. A similar roof structure was installed on top level of the parking structure at the vehicle ramp locations several years ago, and has been successful. Financing of $223,133 is provided from the Customer Facility Charge (CFC) reserve.

2019 Scope of Work:

The scope of work includes planning, design, and construction of metal roof structures on the top level of four open, light-well areas on the east end of the parking structure. Construction will be structural steel with metal roof and sides at each of the four locations.

2020 - 2023 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2019 - 2023)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2019	$223,133	$0	$0	$0	$223,133
2020	$0	$0	$0	$0	$0
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
TOTAL	*$223,133*	*$0*	*$0*	*$0*	*$223,133*

2019 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$223,133	Other Revenue	$0
Total Budget Year Financing		*$223,133*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2019 Approp.	2020 - 2023 Approp.	Total Approp.
Basic Planning & Design	$0	$25,290	$0	$25,290
Construction & Implementation	$0	$197,843	$0	$197,843
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$223,133*	*$0*	*$223,133*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2021	1
Complete Final Plans & Specs	2021	2
Begin Implementation/Purchase Asset	2021	3
Substantially Completed	2021	4
Scheduled Sub-Project Closeout	2022	2

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility_New Construction, Alteration, or Expansion

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WA333	WA33301	GMIA ELEVATORS L & N REPLACEMENT

2020 Sub-Project Addresses the following item/issue:

In 2018 an overall condition assessment was conducted of all elevators, escalators and power walks at General Mitchell International Airport (GMIA). The assessment identified several recommended improvements to be performed by the owner in order to keep the equipment functional and reliable for the future. Recommendations from the report included capital upgrades to elevators by year. Elevators L and N were identified as the elevators that most urgently needed to be upgraded based on their assessed conditions. Financing of $1,743,148 is provided from the Airport Development Fund (ADF) reserve.

2020 Scope of Work:

The scope of work includes planning, design, and construction for modernization of two existing elevators located in the Terminal Mall building. Work consists of the replacement of the elevator drive, machinery, cables and control.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$1,743,148	$0	$0	$0	$1,743,148
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,743,148***	***$0***	***$0***	***$0***	***$1,743,148***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$1,743,148	Other Revenue	$0
Total Budget Year Financing		***$1,743,148***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$197,533	$0	$197,533
Construction & Implementation	$0	$1,545,615	$0	$1,545,615
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$1,743,148***	***$0***	***$1,743,148***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2021	2
Complete Final Plans & Specs	2021	3
Begin Implementation/Purchase Asset	2021	3
Substantially Completed	2021	4
Scheduled Sub-Project Closeout	2022	2

Useful Life (Yrs)

15

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility_Replacement

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WA334	WA33401	GMIA EMERGENCY GENERATOR - CONCOURSE D

2020 Sub-Project Addresses the following item/issue:

All critical and life-safety systems at General Mitchell International Airport (GMIA) are backed up with emergency power in the event of power failure. Currently, there is additional need of emergency power on Concourse D, which has only one emergency power generator. Concourse D has a total of 19 gates, all of which are equipped with Passenger Boarding Bridges (PBBs). An additional generator is needed in order to provide adequate emergency power. Financing of $217,157 is provided from PFC backed bonds.

2020 Scope of Work:

The scope of this sub-project consists of providing an emergency generator to Concourse D. Work includes electrical panel, transfer switches, building room modifications, exhaust & fuel piping and testing & commissioning of the generator unit.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$217,157	$0	$0	$0	$217,157
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$217,157***	***$0***	***$0***	***$0***	***$217,157***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$217,157
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$217,157***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$24,612	$0	$24,612
Construction & Implementation	$0	$192,545	$0	$192,545
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$217,157***	***$0***	***$217,157***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2021	2
Complete Final Plans & Specs	2021	2
Begin Implementation/Purchase Asset	2021	3
Substantially Completed	2022	1
Scheduled Sub-Project Closeout	2022	4

Useful Life (Yrs)

25

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

No

Functional Group:

Transportation and Public Works

Capital Category:

Facility_Replacement

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WA351	WA35101	LJT SECURITY-WILDLIFE PRMTR FENCING-2020

2020 Sub-Project Addresses the following item/issue:

The current fence on the North, East, and West property lines of Lawrence J. Timmerman Airport (LJT) is 6'-0" high with 3 strands of barbed wire. Much of this fencing is original and beyond its useful life. This fencing, in its current state, does not meet Federal Aviation Administration (FAA) standards for airport perimeter fencing. The proposed replacement fencing will consist of chain link fencing 8'-0" above ground, with 3 strands of barbed wire on top. The establishment of this fence will better prevent wildlife intrusion and enhance the security of the airport perimeter. An appropriation of $378,105 is budgeted for Security & Wildlife Perimeter Fencing at Lawrence J Timmerman Airport (LJT). Financing is provided from $340,673 Federal Aviation Administration (FAA) General Aviation Airport Improvement Program (AIP) funding, $18,926 in State funding and $18,926 from the Capital Improvement Reserve Account (CIRA).

2020 Scope of Work:

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

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$378,526	$340,673	$18,926	$0	$18,927
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$378,526*	*$340,673*	*$18,926*	*$0*	*$18,927*

2020 Budget Year Financing			
Federal, State & Local Aid	$359,599	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$18,927	Other Revenue	$0
Total Budget Year Financing		*$378,526*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$42,896	$0	$42,896
Construction & Implementation	$0	$335,630	$0	$335,630
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$378,526*	*$0*	*$378,526*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2021	1
Complete Final Plans & Specs	2021	2
Begin Implementation/Purchase Asset	2021	2
Substantially Completed	2021	4
Scheduled Sub-Project Closeout	2022	2

Useful Life (Yrs)

15

Requesting Department or Agency:

Dept of Transportation - Airport

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

No

Functional Group:

Transportation and Public Works

Capital Category:

Other Capital

SECTION 4
ENVIRONMENTAL

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2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WV021	WV02101	OAK CREEK STREAMBANK STABILIZATION

2020 Sub-Project Addresses the following item/issue:

The Oak Creek has eroded away a large section of streambank into a steep slope that potentially threatens nearby Oak Creek Parkway road way. Significant rain events and erosion from the creek at the base of the slope and has caused the slope to fail. Continual failure of the slope will eventually result in damage to the roadway. Restoring the bank before it collapses into the parkway drive may save money in subsequent roadway repair costs.

2020 Scope of Work:

The scope of the project includes planning and design (including preparation of specifications and construction documents) to address failing streambank along the Oak Creek. With respect to sustainability/energy efficiency, restoration of the banks will reduce sediment delivery to the Oak Creek and to Lake Michigan improving water quality.

2021 - 2024 Scope of Work:

The scope of work includes bidding and reconstruction of the failing streambank. Probable remedies include use of hard armoring of toe of slope, regrading of slope, stacked geocells and seeding/plantings. Cost estimates for are preliminary in nature (and used to help establish appropriate planning and design phase costs). The construction costs of the project will be refined upon completion of the planning and design phase.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$68,703	$0	$0	$0	$68,703
2021	$537,531	$0	$0	$0	$537,531
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$606,234*	*$0*	*$0*	*$0*	*$606,234*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$68,703	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$68,703*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$68,703	$0	$68,703
Construction & Implementation	$0	$0	$537,531	$537,531
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$68,703*	*$537,531*	*$606,234*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2021	2
Substantially Completed	2021	4
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept of Admin Services - Fclty Mngmnt - ENV section

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Other Capital

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WV038	WV03801	DRETZKA PARK LIFT STATION REPLACEMENT

2020 Sub-Project Addresses the following item/issue:

The lift station at Dretzk Park is well past its useful life. Failure of the lift station would shut down sanitary facilities to the club house, chalet and service yard. This project will replace an aging sanitary sewer lift station (including the entire force main) at Dretzka Park.

2020 Scope of Work:

The scope of the project includes replacement of the sanitary sewer lift station at Dretzka Park, including replacement of the entire sanitary sewer force main (800 lineal feet). With respect to sustainability/energy efficiency, new equipment will incorporate energy efficient and sustainable design as allowed by the building code for this installation, including energy efficient controls and pumps for the lift station.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$523,015	$0	$0	$0	$523,015
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$523,015*	*$0*	*$0*	*$0*	*$523,015*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$523,015	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$523,015*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$59,271	$0	$59,271
Construction & Implementation	$0	$463,744	$0	$463,744
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$523,015*	*$0*	*$523,015*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	2020	3
Begin Implementation/Purchase Asset	2020	4
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2020	1

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept of Admin Services - Fclty Mngmnt - ENV section

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Other Capital

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WV047	WV04701	FROEMMING PARK PAVILION WATER & SANITARY

2020 Sub-Project Addresses the following item/issue:

The Froemming Park (Park) pavilion is currently served by well water and a sanitary waste holding tank. Recent well inspections resulted in a violation due to extremely corroded well casing and feed pipe. The sanitary holding tank needed to be pumped multiple times in each of past years due traveling beer garden and the Park's increased popularity. The City of Franklin (City) has water and sewer available in the vicinity of the Park.

2020 Scope of Work:

The scope of work includes connection of the City utility services to the Park pavilion. The work includes connection of the sanitary sewer via direct drilling a force main from the Park into a City manhole. A sanitary sewer lift station will be provided and potable water will be connected from the building via direct drilling to a City water main. Abandonment of the existing well and sanitary holding tank (according to State of Wisconsin regulations) will occur after connection of the City water and sewer service. From an energy efficiency and sustainability perspective, eliminating the operation and maintenance of the well and holding tank will reduce the use of fossil fuels and increase the reliability and safety aspects of the infrastructure systems. New equipment will incorporate energy efficient and sustainable design as allowed by the building code for this installation.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$420,613	$0	$0	$0	$420,613
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$420,613***	***$0***	***$0***	***$0***	***$420,613***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$420,613	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$420,613***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$47,666	$0	$47,666
Construction & Implementation	$0	$372,947	$0	$372,947
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$420,613***	***$0***	***$420,613***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	2
Substantially Completed	2020	3
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

30

Requesting Department or Agency:

Dept of Admin Services - Fclty Mngmnt - ENV section

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WV050	WV05001	LEAD PIPE LATERAL ASSESSMENT

2020 Sub-Project Addresses the following item/issue:

Potential presence of lead in drinking water has become a national concern following the discovery of harmful levels in municipal supplies of Flint, Michigan. In October of 2016, the Milwaukee County Board requested that DAS prepare a cost estimate to conduct testing of lead levels in water systems at all Milwaukee County Parks facilities, and assess the status of lead water service laterals to those buildings. This project would be the first of a multi-phase assessment to better understand the presence, condition, and remediation of lead pipe water laterals servicing Milwaukee County buildings. In this first phase, existing information will be gathered to develop a testing plan, facilities will be prioritized for testing, and a limited number of facilities (no more than 10) will undergo this first round of testing. Results and experience gained from these tests will be used to plan subsequent testing and to develop remedial action plans.

2020 Scope of Work:

The scope of work (Phase 1) includes compiling existing information to develop a plan for water testing and pipeline assessment, facilities will be prioritized for testing, and a limited number of facilities (no more than 10) will undergo this first round of assessment and testing. The results and experience gained from these tests will be used to plan subsequent testing and to develop remedial action (e.g., replacement) plans. With respect to sustainability/energy efficiency, opportunities to replace old plumbing fixtures with more water-efficient fixtures might be realized from this process.

2021 - 2024 Scope of Work:

Anticipated Lead Pipe Lateral work for the out-years is reflected in WV05101 of the 5-Year Capital Improvement Plan. This includes Phase 2 work completing the building assessments (assumes 40 buildings) to determine which laterals need replacing and to initiate the design. Phase 3 includes replacement of laterals (assumes 30 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$164,597	$0	$0	$0	$164,597
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$164,597*	*$0*	*$0*	*$0*	*$164,597*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$164,597	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$164,597*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$164,597	$0	$164,597
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$164,597*	*$0*	*$164,597*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	4
Complete Final Plans & Specs	NA	0
Begin Implementation/Purchase Asset	NA	0
Substantially Completed	NA	0
Scheduled Sub-Project Closeout	NA	0

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept of Admin Services - Fclty Mngmnt - ENV section

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Other Capital

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WV052	WV05201	COUNTY-WIDE SANITARY SEWERS REPAIRS-2020

2020 Sub-Project Addresses the following item/issue:

In August 2004 the County received a Notice of Violation/Notice of Claim from the WDNR stating that they believed Milwaukee County to be in 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 requiring specific actions from the defendants. As a member of the MMSD-Technical Advisory Team (TAT), the County worked with representatives from the other communities to create a stipulated settlement agreement (agreement) that was issued in 2006. The agreement directed municipalities to improve the condition of their sanitary sewer facilities in order to minimize the inflow and infiltration of clear water into the sanitary sewer system. A reduction of clear water in the system reduces the amount of sewage that needs to be treated and reduces the possibility of sewer backups and overflows.

Thee agreement requires continued evaluation/inspection of the sanitary sewer system every 5 years. An inspection of approximately 20% of the County sanitary sewer system is undertaken on an annual basis.

2020 Scope of Work:

Sanitary sewer field inspections (including televising sewer pipes) in 2018/19, will be reviewed to compile a list of deficiencies to be completed within 18 months. Anticipated scope of work includes restoring manholes by fixing chimneys or bringing low manholes to grade; pipe-related work including CIPP lining, Grouting, Root Cutting and partial or complete replacements. With respect to sustainability and energy efficiency, continuous efforts to keep clear water of the sewer will reduce the overall amount of pumping that lift stations will have to perform and therefore save on the amount of electricity used.

2021 - 2024 Scope of Work:

Anticipated 2021 – 2024 County-wide Sanitary Sewer Repairs are reflected in capital project WV04801 of the 5-Year Capital Improvement Plan.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$150,001	$0	$0	$0	$150,001
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$150,001*	*$0*	*$0*	*$0*	*$150,001*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$150,001	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$150,001*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$17,005	$0	$17,005
Construction & Implementation	$0	$132,996	$0	$132,996
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$150,001*	*$0*	*$150,001*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2020	3
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

30

Requesting Department or Agency:

Dept of Admin Services - Fclty Mngmnt - ENV section

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

No

Functional Group:

Transportation and Public Works

Capital Category:

Facility_Rehab or Major Maint

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2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP320	WP32001	NORTH POINT PARKING LOT

2020 Sub-Project Addresses the following item/issue:

The Department of Administrative Services – Facilities Management – Architecture & Engineering section performs pavement ratings for County parking lots including evaluation of traffic volume, condition of pavement, overall riding comfort and drainage conditions and recommends the highest priority project for funding. The asphalt condition assessment rating for the North Point Parking Lot is 34/100 and the storm water system has collapsed in several locations causing localized flooding of the parking lot during wet weather. This parking lot serves Bradford Beach, North Point, and the Lakefront. In recent years, Parks has leased concession operation of the snack building, resulting in improvements to the building and surrounding patio and landscape area. These improvements have increased the popularity of this facility and increased revenue. The project will address improved internal circulation and improvements to parking lot infrastructure such as lighting and stormwater drainage system. The project will include methods to improve near shore water quality utilizing green infrastructure and stormwater best management practices.

2020 Scope of Work:

The scope of work includes planning and design for the replacement of the North Point parking lot (rated 34/100) including 3-1/2 inches of asphalt on 6 inches of stone base, concrete curb and gutter, pervious pavers, drainage and storm sewers, lighting, and other potential utility replacement under new pavement. Storm water best management practices, green infrastructure, natural areas restoration and management shall be incorporated where applicable. With respect to Sustainability and Energy Efficiency, Lighting will be replaced with LED fixtures. Asphaltic concrete mixes used for surface course and binder course may contain salvaged or reclaimed asphaltic material. Crushed gravel base course may include crushed stone, crushed gravel, crushed concrete, reclaimed asphaltic pavement, reprocessed material or blended material.

2021 - 2024 Scope of Work:

The scope of work includes construction for replacement of the North Point parking lot.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$173,046	$0	$0	$0	$173,046
2021	$1,326,060	$0	$0	$0	$1,326,060
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$1,499,106*	*$0*	*$0*	*$0*	*$1,499,106*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$173,046	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$173,046*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$173,046	$0	$173,046
Construction & Implementation	$0	$0	$1,326,060	$1,326,060
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$173,046*	*$1,326,060*	*$1,499,106*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	3
Complete Final Plans & Specs	2020	4
Begin Implementation/Purchase Asset	2021	2
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

20

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Hard-Surface (Non-Roadway)

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP372	WP37201	MCKINLEY PARK FLUSHING CHANNEL

2020 Sub-Project Addresses the following item/issue:

The flushing channel east of Lincoln Memorial Drive and within McKinley Park is in need of investigation and repair. The wall is aging, shows signs of dry-rot, and voids intermittently appear behind the wall. The south wall of the channel is accessed from McKinley Park, while the north wall abuts the Milwaukee Yacht Club lease boundary.

2020 Scope of Work:

The scope of work includes planning and design to remove the existing concrete and timber cribbing as necessary to install steel sheet pile seawall and associated dead-man tie-back system. The steel sheet pile seawall will be capped with concrete walk and railing similar to other areas within McKinley Marina. Replace 470 feet on the seawall on the south side of the flushing tunnel and 545 feet on the north side at the Milwaukee Yacht Club.

2021 - 2024 Scope of Work:

The scope of work includes construction of new steel sheet pile seawalls, pedestrian walks and railing.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$440,447	$0	$0	$0	$440,447
2021	$3,446,389	$0	$0	$0	$3,446,389
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$3,886,836***	***$0***	***$0***	***$0***	***$3,886,836***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$440,447	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$440,447***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$440,447	$0	$440,447
Construction & Implementation	$0	$0	$3,446,389	$3,446,389
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$440,447***	***$3,446,389***	***$3,886,836***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2021	2
Complete Final Plans & Specs	2021	4
Begin Implementation/Purchase Asset	2022	3
Substantially Completed	2022	4
Scheduled Sub-Project Closeout	2023	2

Useful Life (Yrs)

75

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP523	**WP52301**	**LAKE PARK STEEL ARCH BRIDGE**

2020 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. Past inspections of the Steel Arch Bridge in Lake Park resulted in a recommendation for complete rehabilitation or replacement. Concrete barriers have been placed in front of the bridge to keep vehicles from crossing it. The connecting asphalt walkways are highly degraded and should be replaced at the same time. The 2017 adopted budget included $100,800 for planning and design. File #16-728 transferred the entire expenditure authority from WP52301-Lake Park Steel Arch Bridge into WP48401-Lake Park Ravine Bridge. This appropriation provides planning and design to continue the project.

2020 Scope of Work:

The scope of the project includes planning and design for replacement of the Lake Park Steel Arch Bridge. Design of the replacement bridge will need to be coordinated with historic preservation.

2021 - 2024 Scope of Work:

The scope of the project includes the construction phase for replacement of the Lake Park Steel Arch Bridge.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$117,023	$0	$0	$0	$117,023
2021	$915,654	$0	$0	$0	$915,654
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,032,677***	***$0***	***$0***	***$0***	***$1,032,677***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$117,023	Other Revenue	$0
Total Budget Year Financing		***$117,023***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$117,023	$61,502	$178,525
Construction & Implementation	$0	$0	$854,152	$854,152
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$117,023***	***$915,654***	***$1,032,677***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	4
Begin Implementation/Purchase Asset	2021	1
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2022	2

Useful Life (Yrs)

50

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP546	WP54601	PARKS BRIDGE INVENTORY AND ASSESSMENT

2020 Sub-Project Addresses the following item/issue:

Parks has at least 167 bridges within its infrastructure holdings. These bridges vary in age, type (vehicular, pedestrian, golf, etc), construction, and condition. Approximately 40 of the bridges within the Parks Department are vehicular transportation bridges and are reviewed and monitored by Milwaukee County Department of Transportation. The remaining bridges are trail and golf bridges, intended for pedestrians, bikes, golf carts, and the occasional service vehicle. These bridges are not properly inventoried or inspected on a standard schedule. As primary elements along recreational and transportation routes, it is proposed that an inventory and condition analysis be conducted to aid in monitoring safety, maintenance, and capital needs. It is anticipated that the inventory would provide data both in report form as well as GIS point data with attributes.

2020 Scope of Work:

The scope of work includes efforts to complete Park's bridge information relative to inventory, condition assessment(s), and estimate(s) for the cost of bridge repair/replacement. A report with recommendations as well as GIS point data with attributes will be created. It is anticipated that during the inventory effort, additional bridges will be identified that need to be assessed.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$129,245	$0	$0	$0	$129,245
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$129,245*	*$0*	*$0*	*$0*	*$129,245*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$129,245	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$129,245*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$129,245	$0	$129,245
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$129,245*	*$0*	*$129,245*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	2020	3
Begin Implementation/Purchase Asset	NA	0
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

NA

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP625	WP62501	DRETZKA PARK-LIGHTING, STORM WATER, PARKING IMPRV

2020 Sub-Project Addresses the following item/issue:

The Department of Administrative Services – Facilities Management – Architecture & Engineering section performs pavement ratings for County parking lots including evaluation of traffic volume, condition of pavement, overall riding comfort and drainage conditions and recommends the highest priority project for funding. The asphalt condition assessment rating for the Dretzka Golf Clubhouse Parking Lot is 26/100, indicating the need for reconstruction of this parking lot. In recent years, the DPRC has made incremental improvements to the Dretzka Golf Course and Clubhouse with major maintenance and operating funds. These improvements have increased the popularity of this facility over the past 10 years. Parks is looking to replace the severely deteriorated parking lot to complement recent investment in the facility. The project will also address needed repairs to parking lot infrastructure such as lighting and storm water management.

2020 Scope of Work:

The scope of work includes planning and design for replacement of the Dretzka Golf Clubhouse parking lot. Storm water best management practices, green infrastructure, natural areas restoration and management shall be incorporated where applicable. With respect to Sustainability and Energy Efficiency, Lighting will be replaced with LED fixtures. Asphaltic concrete mixes used for surface course and binder course may contain salvaged or reclaimed asphaltic material. Crushed gravel base course may include crushed stone, crushed gravel, crushed concrete, reclaimed asphaltic pavement, reprocessed material or blended material.

2021 - 2024 Scope of Work:

The scope of work includes the construction phase for replacement of the Dretzka Golf Clubhouse parking lot. Anticipated work includes: replacement of existing surface with 3-1/2 inches of asphalt pavement on 6 inches of stone base; new concrete curb/gutter; drainage/storm sewers; lighting; other potential utility replacement under new pavement.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$142,107	$0	$0	$0	$142,107
2021	$1,084,421	$0	$0	$0	$1,084,421
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,226,528***	***$0***	***$0***	***$0***	***$1,226,528***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$142,107	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$142,107***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$142,107	$0	$142,107
Construction & Implementation	$0	$0	$1,084,421	$1,084,421
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$142,107***	***$1,084,421***	***$1,226,528***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	3
Complete Final Plans & Specs	2020	4
Begin Implementation/Purchase Asset	2021	2
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

20

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Hard-Surface (Non-Roadway)

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP628	WP62802	BROWN DEER PARK ROADWAY PHASE 2

2020 Sub-Project Addresses the following item/issue:

In 2017, Resolution 17-483 allocated funding of $1.03m for the purpose of planning, design, and reconstruction of the entire Brown Deer Park Roadway, the tennis court parking lot, the golf course parking lot, the driving range, and adjacent walkways. Since that time, Parks has been working in conjunction with County A&E to refine cost estimates and a scope for the project that efficiently uses available funding. As of 2019, it has become evident that the available funding will only achieve a portion of the Resolution's identified scope; reconstructing the golf course parking lot, roadway segment BR03 (rated 30/100) and replacing two pedestrian bridges within the park. This project will complete the balance of the reconstruction and include the entire Brown Deer Roadway, the tennis court parking lot, the remainder of the upper driving and range, and the adjacent walkways. Current pavement ratings for the roadways to be replaced with this 2020 request are 27/100 (BR01), 27/100 (BR02), and 62/100 (BR04). It is best practice to reconstruct all hardscape elements at the same time whenever possible, as construction traffic damages old or moderately-rated infrastructure that is traveled upon for access. County Board Resolution 19-530 added funding for this project requiring a revision of the cost estimate for 2020.

2020 Scope of Work:

The scope of work includes planning, design, and construction to complete the project (including the entire Brown Deer Roadway, tennis court parking lot, remainder of the upper driving and range, and the adjacent walkways). Scope includes 4 inches of asphalt on 8 inches of stone base for the parkways and 3-1/2 inches of asphalt on 6 inches of stone base for the tennis court parking lot , concrete curb and gutter, drainage and storm sewers, and other potential utility replacement under new pavement. Storm water best management practices, green infrastructure, natural areas restoration and management shall be incorporated where applicable. With respect to Sustainability and Energy Efficiency, asphaltic concrete mixes used for surface course and binder course may contain salvaged or reclaimed asphaltic material. Crushed gravel base course may include crushed stone, crushed gravel, crushed concrete, reclaimed asphaltic pavement, reprocessed material or blended material.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$4,287,856	$0	$0	$0	$4,287,856
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$4,287,856*	*$0*	*$0*	*$0*	*$4,287,856*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$4,287,856	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$4,287,856*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$520,000	$485,887	$0	$1,005,887
Construction & Implementation	$1,044,596	$3,801,969	$0	$4,846,565
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$1,564,596*	*$4,287,856*	*$0*	*$5,852,452*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

20

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

No

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP637	WP63701	ROSE PLAYGROUND REPLACEMENT

2020 Sub-Project Addresses the following item/issue:

The playground at Rose Park is a Class 3 playground and is one of the older playgrounds in the Milwaukee County Parks system, having been installed in 1998. Based on age and condition, the playground is the number three priority for playground replacement within the Milwaukee County Parks System. In addition, the safety surfacing material is a combination of sand and poured in place rubber. Sand is the most maintenance-intensive surfacing, has potential safety and cleanliness issues and limits ADA accessibility. Playgrounds are ideally replaced at 20-year intervals to provide exciting, up-to-date, accessible playgrounds that meet current safety standards and guidelines. Request replacement with new Class 3 playground.

2020 Scope of Work:

The scope of work includes replacement of the play area involving removal of existing play equipment, installing concrete curb, new accessible playground equipment, benches, asphalt walks, signage and poured in place safety surface.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$291,984	$0	$0	$0	$291,984
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$291,984***	***$0***	***$0***	***$0***	***$291,984***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$291,984	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$291,984***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$33,089	$0	$33,089
Construction & Implementation	$0	$258,895	$0	$258,895
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$291,984***	***$0***	***$291,984***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2020	3
Scheduled Sub-Project Closeout	2021	2

Useful Life (Yrs)

20

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Other Capital

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP688	**WP68801**	**MCKINLEY PARKING LOTS - PHASE 2**

2020 Sub-Project Addresses the following item/issue:

The Department of Administrative Services - Facilities Management - Architecture and Engineering section performs pavement ratings for County parking lots including evaluation of traffic volume, condition of pavement, overall riding comfort and drainage conditions, and recommends the highest priority project for funding. The asphalt condition assessment rating for the McKinley Marina Parking Lots was last rated 20/100, indicating the need for reconstruction of this parking lot. Parks has made incremental improvements to the McKinley Roundhouse increasing popularity of the facility over the past 10 years. A 2015 completed master plan for the parking lot and greater marina area identified several areas that could be rebuilt in a phased strategy over several years without significantly affecting marina operations or the other sections of the parking lot. Building upon the 2018 funding of Phase 1 of this 3-phase construction project, this project addresses improvements to internal circulation and parking lot infrastructure, including the lighting and storm water drainage system. The plans include methods to improve nearshore water quality utilizing green infrastructure and storm water best management practices, with capital funds being used to attain matching grants whenever

2020 Scope of Work:

The scope of work includes planning and design for the Phase 2 of the McKinley Parking Lots. Overall, the project includes replacing the parking lot to improve internal circulation and parking lot infrastructure, new LED lighting, a new fish cleaning station, boat launch improvements, new boat storage area, new storm drainage system and improving nearshore water quality utilizing green infrastructure and storm water best management practices. With respect to Sustainability and Energy Efficiency, lighting will be replaced with LED fixtures. Asphaltic concrete mixes used for surface course and binder course may contain salvaged or reclaimed asphaltic material. The existing asphaltic pavement will be pulverized and regraded to be kept and reused onsite in the base material. Base course material may include crushed stone, crushed gravel, crushed concrete, reclaimed asphaltic pavement, reprocessed material or blended material.

2021 - 2024 Scope of Work:

The scope of work includes the construction phase for the Phase 2 of the McKinley Parking Lots.

To note, Phase 3 will complete the parking lot reconstruction, including new parking lot infrastructure, storm drainage green infrastructure, and LED lighting. Phase 3 is included in the Five-Year Capital Improvement Plan, under capital project WP55801.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$512,662	$0	$0	$0	$512,662
2021	$4,011,455	$0	$0	$0	$4,011,455
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$4,524,117***	***$0***	***$0***	***$0***	***$4,524,117***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$512,662	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$512,662***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$512,662	$0	$512,662
Construction & Implementation	$0	$0	$4,011,455	$4,011,455
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$512,662***	***$4,011,455***	***$4,524,117***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2021	2

Useful Life (Yrs)

20

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
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Project No.	Sub-Project No.	Sub-Project Title
WP700	**WP70001**	**KOSCIUSZKO COMMUNITY CENTER FACILITY STUDY**

2020 Sub-Project Addresses the following item/issue:

The Kosciuszko Community Center is a two-floor, 58,000 square foot building built in 1981 located at 2201 S. 7th Street in Milwaukee. The Center houses a fitness center/weight room, boxing ring, gym and community programming provided by third party partners. In the 2014 adopted capital budget, funding for planning and design of the HVAC system was appropriated. Design was completed in 2015 and has awaited construction funding. The VFA replacement value of the building is approximately $11m dollars and the estimated cost through 2018 for replacement of the HVAC system was $3.7m. In the spring of 2019, the facility was forced to temporarily close due to electrical issues. In light of the limited resources available to Milwaukee County, the Parks department would like to undergo a planning effort to determine the most sound approach for long-term success for the Kosciuszko Community Center. The planning effort would utilize community outreach related to the current building use, its anticipated capital needs and the exploration of a new facility.

2020 Scope of Work:

The scope of work includes a study on the Feasibility of restoration and future uses for the Kosciuszko Community Center by working with a consultant/consultants that will assess the building condition and needed repairs, potential uses and operating budgets required to sustain the facility into the future and to gather public opinion on the facility.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$199,646	$0	$0	$0	$199,646
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$199,646***	***$0***	***$0***	***$0***	***$199,646***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$199,646	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$199,646***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$199,646	$0	$199,646
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$199,646***	***$0***	***$199,646***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	NA	0
Begin Implementation/Purchase Asset	NA	0
Substantially Completed	NA	0
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

NA

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Other Capital

2020 CAPITAL IMPROVEMENT BUDGET
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Project No.	Sub-Project No.	Sub-Project Title
WP701	WP70101	GRANT PARK NORTH ACCESS ROADS/PARKING LOTS - 2020

2020 Sub-Project Addresses the following item/issue:

The northernmost access point into Grant Park off S. Lake Drive services parking lots for picnic areas number seven, eight and nine as well as the drive and parking lot to the Wil-O-Way Grant facility operated by the Milwaukee County Office for Persons with Disabilities. These sections of pavement are extremely deteriorated and have reached the end of their useful lives. The pavement rating for the access drive from S. Lake Drive is 23/100. The parking lot serving picnic areas 7-9 is rated 34/100 and the pavement for Wil-O-Way Grant is rated at 24/100. These areas require regular asphalt patching and are the subject of regular complaints from constituents.

2020 Scope of Work:

The scope of work includes planning and design for replacement of the northernmost access point into Grant Park off S. Lake Drive. Storm water best management practices, green infrastructure, natural areas restoration and management shall be incorporated where applicable.

2021 - 2024 Scope of Work:

The scope of work includes the construction phase for replacement of the northernmost access point into Grant Park off S. Lake Drive. Anticipated work includes: parkway to be pulverized, regraded, and reconstructed including 3-1/2 inches of asphalt pavement on 6 inches minimum of stone base; concrete curb and gutter, drainage/storm sewers, and other utility replacement under new pavement; new perimeter concrete curb and gutter and pervious pavers for the parking lot for picnic areas 7, 8 , and 9. Asphaltic concrete mixes used for surface course and binder course may contain salvaged/reclaimed asphaltic material. Crushed gravel base course may include crushed stone, crushed gravel, crushed concrete, reclaimed asphaltic pavement, reprocessed material or blended material.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$113,504	$0	$0	$0	$113,504
2021	$888,130	$0	$0	$0	$888,130
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,001,634***	***$0***	***$0***	***$0***	***$1,001,634***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$113,504	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$113,504***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$113,504	$0	$113,504
Construction & Implementation	$0	$0	$888,130	$888,130
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$113,504***	***$888,130***	***$1,001,634***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2021	1
Complete Final Plans & Specs	2021	2
Begin Implementation/Purchase Asset	2021	2
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

20

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

No

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP702	WP70201	MCKINLEY - VETERANS SEAWALL

2020 Sub-Project Addresses the following item/issue:

The sheet pile wall that serves as the eastern edge of the McKinley and Veterans Parks is aging and showing signs of failure in some locations. Over recent years, Parks Operations has observed and corrected voids that have formed behind the seawall after fill material has migrated through the wall structure. These voids create hazards for park users and indicate that wall stability may be changing. It is requested that an inspection, study report, and strategy for rehabilitation be funded to protect this important park asset that defines the lake's edge and provides popular space for events and recreation.

2020 Scope of Work:

The scope of work includes investigation and study of the stability of the Veterans Park steelsheet pile seawall. Review the areas of wall that are out of alignment and the cause for recurring sinkholes at the land side of the seawall due to loss of soil through the seawall. Perform exploratory excavations at numerous locations to observe the condition of the structural tie-back and drainage systems at both the areas of wall appearing to be distressed and the areas of the wall that appear to be in good condition. Complete a condition assessment and construction documents for repairs.

2021 - 2024 Scope of Work:

The scope of work includes Veterans Park steelsheet piling seawall repairs to stabilize and reinforce the wall tie-back and drainage systems as necessary for long term stability.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$202,212	$0	$0	$0	$202,212
2021	$1,582,272	$0	$0	$0	$1,582,272
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$1,784,484*	*$0*	*$0*	*$0*	*$1,784,484*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$202,212	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$202,212*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$202,212	$106,272	$308,484
Construction & Implementation	$0	$0	$1,476,000	$1,476,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$202,212*	*$1,582,272*	*$1,784,484*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	3
Complete Final Plans & Specs	2020	4
Begin Implementation/Purchase Asset	NA	0
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

50

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP703	**WP70301**	**KING SKATE SHELTER ELIMINATE HIGH VOLTAGE**

2020 Sub-Project Addresses the following item/issue:

The electric utility service for the King Park Community Center is routed through the vacant Skate Shelter building which formerly housed the ice-skating operations for the Park. King Park has not had active ice skating at that location since prior to 2001. The equipment is original to the construction of the building and is like the former electrical service at the courthouse which was replaced after a fire in 2013. The service is beyond its useful life and replacement parts are difficult to obtain. The service is rated as potentially critical and the Parks department has been attempting to replace high voltage connections to facilities throughout the system including recent projects at McCarty, Smith and Sheridan parks. Relocation of the high voltage service will remove a safety hazard as the building is vacant and has been the target of graffiti and unauthorized entry. Additionally, the existence of the electrical service in the Skate Shelter prevents the building from being removed from parks inventory through demolition.

2020 Scope of Work:

The scope of work includes planning and design to upgrade the electrical system at the King Park Skate Shelter. The scope of work includes demolition the high voltage equipment, installation of new Wisconsin Energy service, and replacement of all the aged panels.

2021 - 2024 Scope of Work:

The scope of work includes the construction phase for electrical system upgrade at the King Park Skate Shelter. Anticipated work includes: demolition of high voltage equipment; installation of new Wisconsin Energy service; and replacement of all the aged panels.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$144,009	$0	$0	$0	$144,009
2021	$1,126,811	$0	$0	$0	$1,126,811
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,270,820***	***$0***	***$0***	***$0***	***$1,270,820***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$144,009	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$144,009***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$144,009	$0	$144,009
Construction & Implementation	$0	$0	$1,126,811	$1,126,811
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$144,009***	***$1,126,811***	***$1,270,820***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	NA	0
Complete Final Plans & Specs	2021	2
Begin Implementation/Purchase Asset	2021	2
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

30

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP704	**WP70401**	**HONEY CREEK BRIDGE REPAIR-ST. ANNE CT -BLUEMOUND**

2020 Sub-Project Addresses the following item/issue:

During inspection of the bridge in the fall of 2018 it was determined that the west façade of the bridge over Honey Creek at St. Anne Court was unsafe and needed to be removed. Parks maintenance staff oversaw removal of the unsafe material and attempted to temporarily solidify the bridge railing that prevented both pedestrians and vehicles from exiting the deck of the bridge and entering the creek below. The railing was not structurally sound without the support of the facade and subsequently removed. Parks appropriately barricaded and secured the space for safety. Bridge railing (railings) should be installed for pedestrians and vehicles that traverse these bridges. The railings should be constructed in a manner that will allow cladding with stone to match the historic features of the bridge in the future when the bridge requires rehabilitation.

2020 Scope of Work:

The scope of this project includes removing the failing upstream and downstream stone facades and bridge railings at two Honey Creek Parkway bridges - the bridge at St. Anne Court and another aged bridge south of Bluemound Road.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$158,654	$0	$0	$0	$158,654
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$158,654***	***$0***	***$0***	***$0***	***$158,654***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$158,654	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$158,654***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$158,654	$0	$158,654
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$158,654***	***$0***	***$158,654***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	NA	0
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	2
Substantially Completed	2020	3
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

20

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

No

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP710	WP71001	INDIGENOUS PEOPLES' PARK

2020 Sub-Project Addresses the following item/issue:

The playground at Indigenous Peoples Park is a Class 3 playground and is one of the older playgrounds in the Milwaukee County Parks system, having been installed in 1999. Based on age and condition, the playground is the number seven priority for playground replacement within the Milwaukee County Parks System. In addition, the safety surfacing material is a combination of sand and poured in place rubber. Sand is the most maintenance-intensive surfacing, has potential safety and cleanliness issues and limits ADA accessibility. Playgrounds are ideally replaced at 20-year intervals to provide exciting, up-to-date, accessible playgrounds that meet current safety standards and guidelines. Request replacement with new Class 3 playground.

2020 Scope of Work:

The scope of work includes replacement of the play area involving removal of existing play equipment, installing concrete curb, new accessible playground equipment, benches, asphalt walks, signage and poured in place safety surface.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$291,984	$0	$0	$0	$291,984
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$291,984*	*$0*	*$0*	*$0*	*$291,984*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$291,984	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$291,984*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$33,089	$0	$33,089
Construction & Implementation	$0	$258,895	$0	$258,895
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$291,984*	*$0*	*$291,984*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2020	3
Scheduled Sub-Project Closeout	2021	2

Useful Life (Yrs)

20

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Other Capital

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP711	WP71101	WASHINGTON PLAYGROUND REPLACEMENT #2

2020 Sub-Project Addresses the following item/issue:

The playground at Washington Park is a Class 3 playground and is one of the oldest playgrounds in the Milwaukee County Parks system, having been installed in 2000. Based on age and condition, the playground is the number four priority for playground replacement within the Milwaukee County Parks System. In addition, the safety surfacing material is a combination of sand and poured in place rubber. Sand is the most maintenance-intensive surfacing, has potential safety and cleanliness issues and limits ADA accessibility. Playgrounds are ideally replaced at 20-year intervals to provide exciting, up-to-date, accessible playgrounds that meet current safety standards and guidelines. Request replacement with new Class 3 playground.

2020 Scope of Work:

The scope of work includes replacement of the play area involving removal of existing play equipment, installing concrete curb, new accessible playground equipment, benches, asphalt walks, signage and poured in place safety surface.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$291,984	$0	$0	$0	$291,984
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$291,984***	***$0***	***$0***	***$0***	***$291,984***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$291,984	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$291,984***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$33,089	$0	$33,089
Construction & Implementation	$0	$258,895	$0	$258,895
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$291,984***	***$0***	***$291,984***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2020	3
Scheduled Sub-Project Closeout	2021	2

Useful Life (Yrs)

20

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Other Capital

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP712	WP71201	SOUTH SHORE PARK PAVILION - NORTH YARD IMPRVMNTS

2020 Sub-Project Addresses the following item/issue:

The South Shore Terrace beer garden has been met with overwhelming support from the community and has become a regional draw. While the existing beer garden has been able to accommodate the daily customer traffic, Parks has had to turn away larger groups due to space constraints. The current configuration of the bar and kitchen are at maximum capacity.

North Yard improvements would provide the opportunity to expand parks managed food and beverage operations that not only accommodate growing daily beer garden traffic but also add offerings for large group reservations and parties.

2020 Scope of Work:

The scope of work includes planning and design for improvements to the South Shore Park Pavilion and North Yard.

2021 - 2024 Scope of Work:

The scope of work includes the construction phase for improvements to the South Shore Park Pavilion and North Yard.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$50,000	$0	$0	$0	$50,000
2021	$512,000	$0	$0	$0	$512,000
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$562,000*	*$0*	*$0*	*$0*	*$562,000*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$50,000	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$50,000*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$50,000	$0	$50,000
Construction & Implementation	$0	$0	$512,000	$512,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$50,000*	*$512,000*	*$562,000*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	3
Begin Implementation/Purchase Asset	2021	2
Substantially Completed	2021	4
Scheduled Sub-Project Closeout	2022	1

Useful Life (Yrs)

20

Requesting Department or Agency:

Parks, Recreation, & Culture

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

No

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_Rehab or Major Maint

SECTION 6
MILWAUKEE PUBLIC MUSEUM

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2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WM049	WM04901	MPM-4TH FLOOR ROOF REPLACEMENT

2020 Sub-Project Addresses the following item/issue:

The Milwaukee Public Museum (MPM) 4th floor roof was installed in 1994. Based on a 2015 facility inspection, the roof has multiple leaks in serval areas. There has been periodic repairs to limit interior damage of the building and into the exhibit areas. During the 2018-2019 winter season, the exhibit area directly below the 4th floor roof had to be closed off due to water dripping down onto the exhibits and guests. The life expectancy of the roof is approximately 15-20 years and the current age of the roof is 25 years. MPM staff recommends replacement of the roof.

2020 Scope of Work:

The scope of the project includes complete roof replacement of the 4th floor west side of building.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$754,806	$0	$0	$0	$754,806
2021	$650,344	$0	$0	$0	$650,344
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$1,405,150*	*$0*	*$0*	*$0*	*$1,405,150*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$104,462	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$650,344
Total Budget Year Financing		*$754,806*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$104,462	$0	$104,462
Construction & Implementation	$0	$650,344	$650,344	$1,300,688
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$754,806*	*$650,344*	*$1,405,150*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2021	2

Useful Life (Yrs)

30

Requesting Department or Agency:

Milwaukee Public Museum

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WM051	WM05101	MPM-NORTH STAIRWELL STRUCTURAL WALL REPAIR

2020 Sub-Project Addresses the following item/issue:

The Milwaukee Public Museum (MPM) Facility north stair well and structure wall is original with the building. The building was built in the late 1960's. During a facility site inspection by MPM staff, a wall separation was discovered. The stairwell stature wall has many areas that have separated by more than two inches. This has exposed concrete and steel to the exterior and interior of the building. This area is directly under the main walkway into MPM from the guest parking garage. During rain events, water pours onto the main walkway and then into the museum from the parking garage. MPM staff has indicated this as a life safety issue and a slip and fall hazard for MPM guests. In the North Stairwell / Vestibule of the Milwaukee Public Museum deterioration of the bearing angle supporting the MacArthur Square concrete structural slab is a major concern of the museum. The second major concern is movement of the mezzanine's concrete floor slab. the mezzanine is located above the Men's and Women's toilet rooms behind the North Stairwell. Movement of the mezzanine's concrete floor slab has caused the ledge angle fasteners to pull out from the existing museum's foundation wall.

2020 Scope of Work:

The scope of the project (PHASE THREE) includes planning and design for three parts: 1) Waterproofing at the juncture of the museum's foundation wall and the MacArthur Square structural concrete slab. 2) Design of a new bearing support for the MacArthur Square concrete structural slab replacing the existing deteriorated bearing angle. 3). Provide a new structural support for the mezzanine's concrete floor slab. The scope of work also includes temporary support of the MacArthur Square concrete structural slab and temporary support of the mezzanine's concrete floor slab will be constructed, including cost for labor and materials to provide shoring (post and bracing) for these two elevated concrete slabs, until construction for repairs begins (PHASE THREE).

2021 - 2024 Scope of Work:

The scope of work for (PHASE THREE) is for construction of the North Stairwell / Vestibule 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$79,125	$0	$0	$0	$79,125
2021	$0	$0	$0	$0	$0
2022	$300,000	$0	$0	$0	$300,000
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$379,125***	***$0***	***$0***	***$0***	***$379,125***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$79,125	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$79,125***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$79,125	$0	$79,125
Construction & Implementation	$0	$0	$300,000	$300,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$79,125***	***$300,000***	***$379,125***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	3
Begin Implementation/Purchase Asset	2021	1
Substantially Completed	2022	3
Scheduled Sub-Project Closeout	2022	4

Useful Life (Yrs)

20

Requesting Department or Agency:

Milwaukee Public Museum

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WM053	WM05301	MPM-300 TON CHILLER REPLACEMENT

2020 Sub-Project Addresses the following item/issue:

The existing chiller system consists of three 100-ton compressors. The existing chiller is about 35 to 40 years old and has far exceeded is life expectancy of operation. Over the past 20 years, the compressors have been rebuilt and changed-out eight times. Compressors "A" and "B" (part of Circuit 1 of the system) are not operational, as a result, the present condition capacity of chiller is 100-ton (as opposed to the fully operational 300-ton). MPM staff has indicated that the museum facility will not hold temperatures above 80 degrees OAT and will present cooling issues during warm weather months.

2020 Scope of Work:

The scope of the project includes replacing the existing 300 ton chiller (with remote evaporator and two chilled water pumps which are beyond their useful life) with a new packaged 300 ton air-cooled chiller, two new chilled water pumps with VFD's, glycol & chilled water piping with insulation and plate heat exchanger for glycol loop from chiller to inlet of exchanger and chilled water from outlet of exchanger for ease of maintenance. With respect to sustainability, the design and specification for the new HVAC equipment will incorporate the latest Standards and Guidelines currently offered by ASHRAE that include the latest energy efficiency and sustainability provisions

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$849,710	$0	$0	$0	$849,710
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$849,710*	*$0*	*$0*	*$0*	*$849,710*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$849,710	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$849,710*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$96,290	$0	$96,290
Construction & Implementation	$0	$753,420	$0	$753,420
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$849,710*	*$0*	*$849,710*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2021	1
Scheduled Sub-Project Closeout	2021	2

Useful Life (Yrs)

20

Requesting Department or Agency:

Milwaukee Public Museum

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_Rehab or Major Maint

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2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WZ135	WZ13501	ZOO AQUATIC & REPTILE CENTER STRUCTURAL REPAIRS

2020 Sub-Project Addresses the following item/issue:

This project would initiate a study of the Aquatic and Reptile Center building in order to analyze and design solutions to address the structural integrity of the following: 1) concrete beams that support the public hallways; 2) concrete foundations beneath many exhibits specifically Piranha and Mangrove; 3) headers that secure the glass fronts of the exhibits; 4) concrete subfloor; and 5) repair leaking Flooded Forest and African Lakes exhibits.

The project will also identify any safety or code compliance issues. Although there is no safety impact at this time, safety-issues may arise as part of the evaluation process of the study.

2020 Scope of Work:

The scope of work includes a complete structural analysis, design and construction documents necessary to address any structural, safety or code issues with the 1) concrete beams that support the public hallways; 2) concrete foundations beneath many exhibits specifically Piranha and Mangrove; 3) headers that secure the glass fronts of the exhibits; 4) concrete subfloor; and 5) repair leaking Flooded Forest and African Lakes exhibits in the Aquatic & Reptile Center. In addition to a structural consultant, a consultant specializing in aquariums will be needed. With respect to sustainability, new materials will incorporate energy efficient and sustainable design as appropriate for this installation.

2021 - 2024 Scope of Work:

The scope includes complete repairs and/or re-construction of identified areas resulting from the structural analysis.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$37,211	$0	$0	$0	$37,211
2021	$291,147	$0	$0	$0	$291,147
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$328,358***	***$0***	***$0***	***$0***	***$328,358***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$37,211	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$37,211***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$37,211	$0	$37,211
Construction & Implementation	$0	$0	$291,147	$291,147
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$37,211***	***$291,147***	***$328,358***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	3
Complete Final Plans & Specs	2020	4
Begin Implementation/Purchase Asset	2021	1
Substantially Completed	2021	2
Scheduled Sub-Project Closeout	2021	3

Useful Life (Yrs)

25

Requesting Department or Agency:

Zoological Department

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WZ141	WZ14101	ADVENTURE AFRICA - RHINOS

2020 Sub-Project Addresses the following item/issue:

The project entails the planning and design of the Zoo's Phase III of its Adventure Africa Master Plan. The previous two phases addressed the elephant and hippo exhibits. Phase III will involve the Africa Rhino Exhibit. The intent of the exhibit is to provide an educational experience and a means to assist in the preservation of a rhino population that is treading dangerously close to extinction.

The Zoo is requesting planning funds of $800,000 for Adventure Africa Rhinos Exhibit. The Zoological Society of Milwaukee will fund 50% or $400,000. Depending on the success of funding raising by the Society, it is estimated $10M will be requested in 2022 to begin construction.

2020 Scope of Work:

The Zoo's Master Plan has the rhino exhibit located on the location of the former elephant exhibit. The former elephant exhibit will require significant renovation to address USDA APHIS and AZA standards to convert it into an acceptable habitat for the rhino exhibit. The rhino's exterior exhibit will likely include a pool, mud wallow, tactile/scratching structures and manipulative foraging/feeding objects. The interior exhibit may include some of the same elements as the exterior exhibit along with holding stalls. The project has the potential to incorporate sustainable elements such as low VOC finishes, energy efficient mechanical systems and low energy light fixtures. This phase of the project shall not proceed until the Zoological funding (including any private contributions) is committed and verified and all necessary agreements have been executed.

2021 - 2024 Scope of Work:

Construction of the Rhino exhibit is anticipated to start in 2022 upon construction funding approval.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$902,100	$0	$0	$0	$902,100
2021	$0	$0	$0	$0	$0
2022	$10,000,000	$0	$0	$0	$10,000,000
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$10,902,100*	*$0*	*$0*	*$0*	*$10,902,100*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$451,050	Gifts & Cash Contr	$451,050
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$902,100*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$902,100	$0	$902,100
Construction & Implementation	$0	$0	$10,000,000	$10,000,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$902,100*	*$10,000,000*	*$10,902,100*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	3
Complete Final Plans & Specs	2021	2
Begin Implementation/Purchase Asset	TBD	0
Substantially Completed	TBD	0
Scheduled Sub-Project Closeout	TBD	0

Useful Life (Yrs)

20

Requesting Department or Agency:

Zoological Department

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_New Construction, Alteration, or Expansion

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WZ160	WZ16001	ZOO ADMIN BLDG ROOF REPLACEMENT

2020 Sub-Project Addresses the following item/issue:

Replacement of the roof in the Administration Building is needed. The roof is approximately 32 years old and should be replaced as patching is no longer a cost-effective option. Leaks have already developed over the newly renovated Gift Shop. Service Systems Associates (Zoo vendor for concessions, merchandising and catering) has invested $960,000 in renovations to the Gift Shop.

2020 Scope of Work:

The scope of work will re-roof the Administrative and Gift Shop wing at the Zoo's main entrance building. The work includes removal of the existing built-up roof system. The existing roof will be replaced with a direct adhered membrane roof layers of rigid insulation. The proposed roof membrane color would be white to reflect solar heat gain and reduce the cooling load. Roof insulation is being added to improve the building's thermal performance and improve storm water roof drainage. Additionally, with respect to sustainability/energy efficiency, recycled content roofing materials and low VOC sealants and adhesives will be incorporated if appropriate.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$311,334	$0	$0	$0	$311,334
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$311,334*	*$0*	*$0*	*$0*	*$311,334*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$311,334	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$311,334*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$49,642	$0	$49,642
Construction & Implementation	$0	$261,692	$0	$261,692
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$311,334*	*$0*	*$311,334*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	2
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

25

Requesting Department or Agency:

Zoological Department

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WZ176	WZ17601	ZOO AVIARY AIR CONDITIONING

2020 Sub-Project Addresses the following item/issue:

One of the two Aviary AC units has failed and is unable to be repaired. The second unit needs repairs often. These units are critical to the animal collection climate control. Zoo staff has indicated that if the second unit fails, the Zoo will need to rent a commercial Air-Conditioning unit.

2020 Scope of Work:

The scope of work includes replacement of two existing AC units that are beyond useful life. The units will be replaced with a 90 ton dual circuited curb mounted cooling unit with economizer and VFD on supply and return fans. With respect to sustainability, the design and specification for the new HVAC equipment will incorporate the latest Standards and Guidelines currently offered by ASHRAE that include the latest energy efficiency and sustainability provisions.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$355,586	$0	$0	$0	$355,586
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$355,586***	***$0***	***$0***	***$0***	***$355,586***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$355,586	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$355,586***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$40,299	$0	$40,299
Construction & Implementation	$0	$315,287	$0	$315,287
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$355,586***	***$0***	***$355,586***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2020	1
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2021	1

Useful Life (Yrs)

20

Requesting Department or Agency:

Zoological Department

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WZ177	WZ17701	ZOO PARKING LOT #4 REPAVEMENT

2020 Sub-Project Addresses the following item/issue:

Lot #4 has large pot holes and cracks which needs to be repaired. The area is used heavily by the Zoo's Group Sales division for picnics. Group Sales revenue in 2018 totaled over $1.7M.

2020 Scope of Work:

The scope of work includes planning and design for the replacement of Zoo Parking Lot #4.

2021 - 2024 Scope of Work:

The scope of work includes the construction phase for replacement of Zoo Parking Lot #4. Anticipated work includes: pulverizing the existing pavement; placing 4 inches of asphalt on 8 inches of stone base; concrete curb and gutter replacement of broken sections; storm sewer structure repairs; and new truncated domes at pedestrian ramps to meet ADA requirements. This work is subject to receiving an exemption for storm water management and requiring pervious pavers per Section 120-7 of the City of Milwaukee Storm Water Management Regulations.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$130,711	$0	$0	$0	$130,711
2021	$1,022,749	$0	$0	$0	$1,022,749
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,153,460***	***$0***	***$0***	***$0***	***$1,153,460***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$130,711	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$130,711***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$130,711	$0	$130,711
Construction & Implementation	$0	$0	$1,022,749	$1,022,749
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$130,711***	***$1,022,749***	***$1,153,460***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2021	1
Complete Final Plans & Specs	2021	2
Begin Implementation/Purchase Asset	2021	2
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

20

Requesting Department or Agency:

Zoological Department

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

No

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WZ178	**WZ17801**	**ZOO RADIO REPLACEMENTS-2020**

2020 Sub-Project Addresses the following item/issue:

The Zoo's radio system is obsolete & requires a digital upgrade. The current analog radio system has run its lifespan & safety/financial issues will continue to grow if we stay on the obsolete path. The current radio system at the Zoo is analog. The radio is comprised of 3 repeaters, 227 radios & 3 channels. Each channel is assigned to a specific group - Channel 1–All Zoo, Channel 2–Animal Care Staff, Channel 3–Food & Retail Operations. The radio inventory is comprised of: HT1250: 126; XPR3500e: 62; VX-264: 1; XPR3300: 3; XPR7550E: 1; Kenwoods:26; Unprogrammed XPR 3500: 8. The majority of the radio inventory is no longer produced by Motorola. The HT1250 stopped being produced around 2011/2012 & parts are no longer being made for these products. The HT1250 is 55% of the Zoo's radio inventory. To keep these radios operational, parts will need to come from cannibalizing other radios in our inventory to get a single radio. The Kenwood radios only get 1 channel & do not meet the needs of employee safety. The Zoo has thousands of guests in attendance daily & 10% of our workforce radios are ill-equipped to handle an emergency event.

2020 Scope of Work:

The scope of work includes the purchase and set-up of a new digital radio system.

A conversion to digital will accomplish the following: 1)Provides safety needs to all staff; 2) Reduces funds being spent on an obsolete/analog system with radios that are aged out & parts are no longer; 3)Provides the zoo with a 4th radio channel; 4) Provides the zoo with a way to better control and fund future expenses within the radio system; 5) Provides an update to the switchboard radio system allowing for the Zoo operator to have increased functionality & removes the need for 3 different radios within the workspace; and 6) Provides Warranty and Support to the Zoo – 2yrs parts and warranty and 5 years parts and warranty on the radios.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$118,107	$0	$0	$0	$118,107
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$118,107***	***$0***	***$0***	***$0***	***$118,107***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$118,107	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$118,107***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$10,000	$0	$10,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$108,107	$0	$108,107
TOTAL	***$0***	***$118,107***	***$0***	***$118,107***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	NA	0
Complete Final Plans & Specs	NA	0
Begin Implementation/Purchase Asset	2020	1
Substantially Completed	2020	1
Scheduled Sub-Project Closeout	2020	2

Useful Life (Yrs)

7

Requesting Department or Agency:

Zoological Department

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

No

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Technology & Electronic Equipment

SECTION 8
HEALTH AND HUMAN SERVICES

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2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WS125	WS12501	(ROSE) BOLIER-EXHAUST/(MCGOVERN) EXHAUST RPLCMNT

2020 Sub-Project Addresses the following item/issue:

Clinton Rose Senior Center, Wilson Senior Center, Kelly Senior Center and Kelly Nutrition all have single boilers with no redundant heating system. Absence of functioning boilers pose a risk of facility closure. The need for these redundant boilers at each building should be reviewed specifically.

Exhaust fans (which are part of the HVAC system at Rose, Wilson, and McGovern Senior Centers) are in need replacement. Breakdown of the exhaust fans will lead to facility closure. These facilities serve as nutrition sites Monday to Friday and also serve as avenues for socialization and recreation for seniors. According to the 2017 Facilities Assessment report, Kelly and Washington Park Senior Center exhaust fans are in better condition and replacement, but are anticipated to be replaced in future years.

This project will replace exhaust fans in the McGovern and Rose Senior Centers and replace a boiler at the Rose Senior Center.

2020 Scope of Work:

The scope of the project includes planning, design and construction implementation to replace twelve exhaust fans and add a new boiler at Clinton Rose along with replacement of four exhaust fans at the McGovern Senior Center. New equipment will incorporate energy efficient and sustainable design as allowed by the building code for this installation.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$167,938	$0	$0	$0	$167,938
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$167,938*	*$0*	*$0*	*$0*	*$167,938*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$167,938	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$167,938*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$19,036	$0	$19,036
Construction & Implementation	$0	$148,902	$0	$148,902
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$167,938*	*$0*	*$167,938*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2020	1
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2021	1

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept on Aging

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Health & Human Services

Capital Category:

Other Capital

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WS126	WS12601	YOUTH SERVICES ADMIN RELOCATION AND TENANT IMPRV

2020 Sub-Project Addresses the following item/issue:

The Department of Health and Human Services (DHHS) is currently re-defining its future state, to be able to provide services more efficiently. The future state will most likely result in the need for different administrative space than where DHHS administration is currently location. This project focuses is on DHHS Youth Services Administration. The scope of work relates to the relocation and tenant build out as well as networking IT infrastructure, furniture, fixtures and equipment and other similar items for DHHS Youth Services Administration. The areas currently identified include the Disabilities Services Division (DSD) youth and adult, Wraparound, and to some extent the Youth and Family Services Division (DYFS). Relocation will impact DHHS staff at Coggs, Vel Phillips and Behavioral Health Division. Other projects will focus on Adult Services Administration, Central Administration, and service access points.

2020 Scope of Work:

The scope of work includes determination of: programming for various functions; real estate search(es); build-out of space in existing County or in a leased space; staff moving and relocation; furniture/equipment procurement and installation.

2021 - 2024 Scope of Work:

Continuation of 2020 scope of work as required.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$660,000	$0	$0	$0	$660,000
2021	$3,630,639	$0	$0	$0	$3,630,639
2022	$2,367,361	$0	$0	$0	$2,367,361
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$6,658,000***	***$0***	***$0***	***$0***	***$6,658,000***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$660,000	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$660,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$660,000	$0	$660,000
Construction & Implementation	$0	$0	$5,998,000	$5,998,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$660,000***	***$5,998,000***	***$6,658,000***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2021	1
Complete Final Plans & Specs	2021	2
Begin Implementation/Purchase Asset	2021	3
Substantially Completed	2022	2
Scheduled Sub-Project Closeout	2022	4

Useful Life (Yrs)

TBD

Requesting Department or Agency:

Dept of Health & Human Services

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Health & Human Services

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WS127	WS12701	KELLY SR CENTER & NUTRITION SITE BOILER RPLCMNT

2020 Sub-Project Addresses the following item/issue:

Clinton Rose Senior Center, Wilson Senior Center, Kelly Senior Center and Kelly Nutrition all have single boilers with no redundant heating system. Absence of functioning boilers pose a risk of facility closure. The need for these redundant boilers at each building should be reviewed specifically.

This project will replace two boilers at the Kelly Senior Center and Nutritional Site.

2020 Scope of Work:

The scope of the project includes planning, design and construction implementation to add two redundant boilers. Kelly Senior Center boiler - 990 MBH input capacity; Kelly Nutrition Center with boiler - 565 MBH input capacity. New equipment will incorporate energy efficient and sustainable design as allowed by the building code for this installation.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$249,858	$0	$0	$0	$249,858
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$249,858*	*$0*	*$0*	*$0*	*$249,858*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$249,858	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$249,858*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$28,316	$0	$28,316
Construction & Implementation	$0	$221,542	$0	$221,542
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$249,858*	*$0*	*$249,858*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2020	1
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2021	1

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept on Aging

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Health & Human Services

Capital Category:

Other Capital

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WS128	WS12801	WILSON SR CENTER BOILER AND EXHAUST RPLCMNT

2020 Sub-Project Addresses the following item/issue:

Clinton Rose Senior Center, Wilson Senior Center, Kelly Senior Center and Kelly Nutrition all have single boilers with no redundant heating system. Absence of functioning boilers pose a risk of facility closure. The need for these redundant boilers at each building should be reviewed specifically.

Exhaust fans (which are part of the HVAC system at Rose, Wilson, and McGovern Senior Centers) are in need replacement. Breakdown of the exhaust fans will lead to facility closure. These facilities serve as nutrition sites Monday to Friday and also serve as avenues for socialization and recreation for seniors. According to the 2017 Facilities Assessment report, Kelly and Washington Park Senior Center exhaust fans are in better condition and replacement, but are anticipated to be replaced in future years.

This project will replace exhaust fans and a boiler at the Wilson Senior Center.

2020 Scope of Work:

The scope of the project includes planning, design and construction implementation to add second boiler and replacement of 12 existing exhaust fans by dismantling and removing existing storage tank to make room for two boilers. Relocate existing boiler in that location and install new boiler next to relocated boiler. Replace existing exhaust fans with new exhaust fans. New equipment will incorporate energy efficient and sustainable design as allowed by the building code for this installation.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$194,954	$0	$0	$0	$194,954
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$194,954*	*$0*	*$0*	*$0*	*$194,954*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$194,954	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$194,954*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$22,096	$0	$22,096
Construction & Implementation	$0	$172,858	$0	$172,858
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$194,954*	*$0*	*$194,954*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2020	1
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	2020	3
Begin Implementation/Purchase Asset	2020	4
Substantially Completed	2021	1
Scheduled Sub-Project Closeout	2021	1

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept on Aging

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Health & Human Services

Capital Category:

Other Capital

SECTION 9
COURTHOUSE COMPLEX/
COUNTY GROUNDS

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2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WC108	WC10801	CJF SALLY PORT DOORS REPLACEMENT

2020 Sub-Project Addresses the following item/issue:

The sally port doors at the Criminal Justice Facility (CJF) are opened and closed hundreds of times each day 24/7/365. Because of the high usage of these doors, a malfunction could cause an injury to a Corrections or Transport Officer or an inmate or property damage to a vehicle. These doors prevent prisoner escapes because the transfer of the inmate is secured within the confines of the sally port. The doors are at the end of their useful life and need replacement.

2020 Scope of Work:

The scope of work includes removal/replacement of the existing CJF sally port doors with new sally port doors.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$229,066	$0	$0	$0	$229,066
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$229,066***	***$0***	***$0***	***$0***	***$229,066***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$229,066	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$229,066***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$25,963	$0	$25,963
Construction & Implementation	$0	$203,103	$0	$203,103
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$229,066***	***$0***	***$229,066***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

25

Requesting Department or Agency:

Office of the Sheriff

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WC140	WC14001	CJF POD 4B FOOD CHUTES

2020 Sub-Project Addresses the following item/issue:

The inmates housed in pod 4B are there due to Administrative confinement caused by their assaultive history (current or past) towards officers, medical staff and/or other inmates and their constant refusal to follow jail rules. The behavior of these inmates is so unpredictable that safety standards must be in place in order to minimize any attacks on staff, both officers and medical personnel. Opening cell doors to inmates that are higher disciplinary risks multiple times a day for meals or for medications increases the chance of injury to MCSO staff, medical personnel and other inmates. Installing food chutes in the cells doors of these inmates would significantly decrease the risk of these interactions and decrease the risk of bodily injury or property damage.

2020 Scope of Work:

The scope of work includes installing food chutes to all cell doors in Pod 4B (48 Cells). These cells house individuals that are higher disciplinary risks. The chutes will protect staff by not having to open doors for violent inmates. New materials will incorporate energy efficient and sustainable design as allowed by the building code for this installation.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$174,227	$0	$0	$0	$174,227
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$174,227***	***$0***	***$0***	***$0***	***$174,227***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$174,227	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$174,227***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$23,186	$0	$23,186
Construction & Implementation	$0	$151,041	$0	$151,041
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$174,227***	***$0***	***$174,227***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2020	3
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

30

Requesting Department or Agency:

Office of the Sheriff

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WC165	WC16501	COURTHOUSE MONUMENT & WAYPOINT SIGNAGE

2020 Sub-Project Addresses the following item/issue:

The current exterior monument signage surrounding the Courthouse, CJF and Safety Building is outdated, worn, and should be replaced. The brushed aluminum (finish) signs are approximately 14 years old and are showing significant wear. Stenciled cutout interiors are falling off & finishes are worn.

2020 Scope of Work:

The scope of work includes planning, design and construction and installation of replacement signage surrounding the Courthouse and CJF. Safety Building signage is on hold pending new facility plans. With respect to sustainability/energy efficiency, LED backlighting will be installed in sign cabinets, and low VOC finishes will be used.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$192,835	$0	$0	$0	$192,835
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$192,835*	*$0*	*$0*	*$0*	*$192,835*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$192,835	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$192,835*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$21,855	$0	$21,855
Construction & Implementation	$0	$170,980	$0	$170,980
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$192,835*	*$0*	*$192,835*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	2
Substantially Completed	2020	3
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept of Admin Services - Fclty Mngmnt -Maint Section

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WC209	WC20901	FORENSIC SCIENCE CENTER-PHASE 2

2020 Sub-Project Addresses the following item/issue:

The 2019 Adopted Capital Improvement Budget included an appropriation of $940,262 (capital project WC21401) for the initial tenant fit-out planning and design and base building final design (with Landlord) for a new Forensic Science Center to house the Medical Examiner's Office (ME) and the Office of Emergency Management (OEM). Concerns with the existing ME facility include space that does not meet industry standards, inadequate space for current (infection control, embalming, defleshing, storage of remains) and future (pathology, tissue storage, toxicology) programs. CDC (autopsy) requirements are not met. Space is required due to expanded operations, workload, biohazard safety concerns, and ADA requirements.

OEM benefits from adjacencies with the Medical College of Wisconsin (MCW), especially the Emergency Medical Services (EMS) division for MCW's Emergency Medicine program and EMS Fellowship accreditation. The OEM-911 Dispatch Center and Radio Services division needs to be relocated to accommodate the planned demolition of the Safety Building requires operational enhancements to meet national APCO standards.

2020 Scope of Work:

The scope of work includes detailed planning and design, in cooperation with the developer (MCW) and their design team, and start of construction activities. Procurement of long-lead time equipment. The base building will be constructed by the MCW, and the interior improvements for ME and OEM offices will be built out by the County. Co-location with the MCW's Forensic Science Center is anticipated to reduce project cost and create synergies.

2021 - 2024 Scope of Work:

The scope of work includes construction and commission tenant fit-out, procure and install furniture-fixtures-equipment (FF&E), relocate operations, decommission existing facility.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$11,191,328	$0	$0	$0	$11,191,328
2021	$16,900,357	$0	$0	$0	$16,900,357
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$28,091,685***	***$0***	***$0***	***$0***	***$28,091,685***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$11,191,328	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$11,191,328***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$1,293,026	$0	$1,293,026
Construction & Implementation	$0	$9,898,302	$16,900,357	$26,798,659
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$11,191,328***	***$16,900,357***	***$28,091,685***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2020	1
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	3
Begin Implementation/Purchase Asset	2020	4
Substantially Completed	2022	2
Scheduled Sub-Project Closeout	2022	3

Useful Life (Yrs)

30

Requesting Department or Agency:

Dept of Admin Services - Fclty Mngmnt -Maint Section

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Facility_Replacement

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WC219	WC21901	CH COMPLEX FIRE ALARM REPLACEMENT

2020 Sub-Project Addresses the following item/issue:

The Courthouse Complex fire alarm system is an addressable system that also includes building automation and security functions. The head-end equipment is located in room B48 of the Courthouse and the system includes interfaces within most of the Courthouse Complex buildings. In 2015, the head-end equipment was upgraded but the remote system panels throughout the complex were not replaced. Within the next five years, repair parts for the system panels will not be available. The intention of this project is to modernize the existing fire system and separate building automation from the fire system. This project addresses VFA requirements 36680/46441/36704. The Fire Alarm system is considered to be end of life and requires upgrading.

2020 Scope of Work:

The scope of work includes planning and design for installation of a new (addressable) fire alarm system for the Courthouse Complex buildings (which includes building automation and security functions (needed for FPA 72 compliance)).

2021 - 2024 Scope of Work:

The scope of work includes the construction phase and installation of a new fire alarm system for the Courthouse Complex buildings.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$210,454	$0	$0	$0	$210,454
2021	$1,794,808	$0	$0	$0	$1,794,808
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$2,005,262***	***$0***	***$0***	***$0***	***$2,005,262***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$210,454	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$210,454***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$210,454	$0	$210,454
Construction & Implementation	$0	$0	$1,794,808	$1,794,808
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$210,454***	***$1,794,808***	***$2,005,262***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2020	2
Complete Preliminary Plan (if applicable)	2020	4
Complete Final Plans & Specs	2021	1
Begin Implementation/Purchase Asset	2022	1
Substantially Completed	2022	4
Scheduled Sub-Project Closeout	2022	4

Useful Life (Yrs)

20

Requesting Department or Agency:

Dept of Admin Services - Fclty Mngmnt -Maint Section

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WG035	WG03501	VEL PHILLIPS ROOF REPLACEMENT

2020 Sub-Project Addresses the following item/issue:

This roof section described in this narrative is located above the rotunda area of Vel Philips and was renewed in 1994. Multiple failures have been realized resulting in numerous repairs over the last 5 years. Failures identified in the 2018 roof inspection report created by Velcheck and Finger includes evidence of water infiltration under blistering membrane in multiple locations, multiple valley failures, elastomeric failure and moisture evidence in core samples. Roof System Description: This system consists of the modified bitumen built-up roofing system with deck insulation and Alumicoat (or similar) top coating at the circular folded plate roof section. VFA Requirement 52199.

2020 Scope of Work:

The scope of work involves planning, design and construction for replacing the existing roof system on the rotunda portion (Unit 'B') of the Childrens' Court Center. This includes tear off of the existing roof (to deck) and installation of a new roof system.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$96,168	$0	$0	$0	$96,168
2021	$752,449	$0	$0	$0	$752,449
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$848,617***	***$0***	***$0***	***$0***	***$848,617***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$96,168	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$96,168***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$96,168	$0	$96,168
Construction & Implementation	$0	$0	$752,449	$752,449
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$96,168***	***$752,449***	***$848,617***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	3
Complete Final Plans & Specs	2020	4
Begin Implementation/Purchase Asset	2021	2
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

40

Requesting Department or Agency:

Dept of Admin Services - Fclty Mngmnt -Maint Section

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Facility_Rehab or Major Maint

SECTION 10
HOUSE OF CORRECTIONS

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2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WJ110	WJ11001	HOC BOILER HOUSE REPAIR STRUCTURAL SLAB

2020 Sub-Project Addresses the following item/issue:

The severely deteriorated concrete structural slab at driveway between boiler house and recycling center at the House of Correction is original to the 1948 construction of the building. This structural slab system no longer has the load carrying capacity of the original design and construction, there are extensive mechanical systems underneath the slab. Slab is approximately 70 ft x 16 ft. Based on a 2017 facility inspection, the slab needs 50% patch repair on top and 50% on bottom, adding a membrane and a 2" topping slab. This project includes: shoring concrete, chip and patch repairs, membrane, protection board and 2" topping slab, removal and replacement of 250 SF of adjacent pavement to transition grades. The life expectancy of the concrete is approximately 25-30 years. The current age of the slab is over 60 years, and is beyond its useful life.

2020 Scope of Work:

The scope of the project includes repair or replacement of existing structural slab on existing area of boiler house (16 x70' slab area).

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$292,857	$0	$0	$0	$292,857
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$292,857***	***$0***	***$0***	***$0***	***$292,857***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$292,857	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$292,857***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$33,190	$0	$33,190
Construction & Implementation	$0	$259,667	$0	$259,667
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$292,857***	***$0***	***$292,857***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

20

Requesting Department or Agency:

House of Correction

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WJ111	WJ11101	HOC ADMIN 600 AND 400 DORM KITCHEN EQUIPMENT

2020 Sub-Project Addresses the following item/issue:

The Hobart Dishwasher was installed in 2010. Over the past 8 years the dishwasher has experienced major repairs, most notably being the conveyor in 2018. The dishwasher is at the end of its useful life. The area identified as the Dish Room needs to be upgraded to include a 3 compartment sink for hand washing in the event the dishwasher fails. Regarding Green Initiatives, the upgrade should include a Food-Pulper for less landfill waste while providing an organic source for composting. The Cook Chill Equipment area was refurbished in 2015 and replacement parts are no longer made. Repairs are lengthy due to sourcing over-seas (adding extra costs). The Tumble chiller and the control board for the units require upgrading. The Bakery area needs two Baxter Ovens replaced. HOC is experiencing growing difficulties with the heat exchangers and ventilation systems for the ovens. Given the demand, addition of a third oven would improve production in this area. The Bakery has two working mixers requiring replacement as they are beyond their normal useful life, making repairs difficult. For example, the one mixer was purchased in 1998. Repairs cost$6,400, but extension of useful life is unknown, indicating excessive use is a factor.

2020 Scope of Work:

The scope of work includes planning and design for kitchen renovation and the replacement or addition of major pieces of kitchen equipment. Replacements are being requested for the dishwasher, cook-chill equipment, tumble chiller, baking ovens and mixers. A third baking oven is being requested. This planning and design phase would also address health and safety issues. The scope of this work will enhance functionality, safety and energy efficiency. New equipment will incorporate energy efficient and sustainable design as allowed by the building code for this installation.

2021 - 2024 Scope of Work:

The scope of work includes kitchen construction activity and procurement of new kitchen equipment.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$99,226	$0	$0	$0	$99,226
2021	$700,000	$0	$0	$0	$700,000
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$799,226***	***$0***	***$0***	***$0***	***$799,226***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$99,226	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$99,226***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$99,226	$0	$99,226
Construction & Implementation	$0	$0	$700,000	$700,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$99,226***	***$700,000***	***$799,226***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2021	2
Complete Final Plans & Specs	2021	4
Begin Implementation/Purchase Asset	NA	0
Substantially Completed	NA	0
Scheduled Sub-Project Closeout	NA	0

Useful Life (Yrs)

10

Requesting Department or Agency:

House of Correction

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Other Capital

SECTION 10
OTHER AGENCIES

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2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO217	WO21701	PHONE AND VOICEMAIL REPLACEMENT

2020 Sub-Project Addresses the following item/issue:

To mitigate the risk of failure, the phone system must be replaced as most phone systems are outdated and licenses for new subscriber lines can't be added. New collaboration technologies or support of additional users cannot be moved forward if replacement or substantial upgrade is not implemented. 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. Previous budget appropriations for this project were used to address phone and voicemail replacements at the Botanical Gardens, Parks Maintenance, Zoo, Fleet, Parks Administration, Facilities, Mitchell Park Domes, Housing, Coggs, and completion of Courthouse.

The 2020 phase of this project will address approximately half of the remaining phone and voicemail implementation work at the Criminal Justice Facility, the Safety building (including 911 system integration) and the Children's Court sites. The remaining portion will be requested in a subsequent budget.

2020 Scope of Work:

The scope of work includes Criminal Justice Facility, Children's Court, Safety and 911 integration to the new Avaya VoIP phone system. This includes extensive cabling, equipment, and the completion of all implementation of the core servers and integration software to allow locations to be tied together. The scope of work also includes consulting and contract implementation support.

2021 - 2024 Scope of Work:

The scope of the project includes the remaining work for the Criminal Justice Facility, Children's Court, Safety and 911 integration to the new Avaya VoIP phone system. This includes extensive cabling, equipment, and the completion of all implementation of the core servers and integration software to allow locations to be tied together. The scope of work also includes consulting and contract implementation support.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$1,928,235	$0	$0	$0	$1,928,235
2021	$215,165	$0	$0	$0	$215,165
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$2,143,400***	***$0***	***$0***	***$0***	***$2,143,400***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$1,000,000	PFC Revenue	$0
Property Tax	$928,235	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$1,928,235***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$200,000	$0	$0	$200,000
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$1,306,323	$1,928,235	$215,165	$3,449,723
TOTAL	***$1,506,323***	***$1,928,235***	***$215,165***	***$3,649,723***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2017	3
Complete Final Plans & Specs	2019	1
Begin Implementation/Purchase Asset	2017	3
Substantially Completed	2021	4
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

5 - 10

Requesting Department or Agency:

Dept of Admin Services - IMSD

Managing Department or Agency:

Dept of Admn Services - Information Management Services

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Technology & Electronic Equipment

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO299	WO29901	ASSET PROTECTION-REMEDIATION SERVICES-PHASE 1

2020 Sub-Project Addresses the following item/issue:

As technology ages, it needs to be upgraded to keep up to date with cybersecurity patches and fixes to maintain a low risk profile. Milwaukee County uses Microsoft operating systems and database software from 2008. Microsoft will stop supporting and providing security patches, fixes and updates to Windows Server 2008 in January, 2020 and Microsoft SQL Server in July 2019. When a vendor no longer supports software security patches, fixes and updates, the systems become vulnerable to security attack and should be remediated to avoid such risk(s). Milwaukee County has a list of Windows Server 2008 servers that need to be shutdown and their applications migrated to Windows Server 2019. This appropriation is for resources dedicated to performing the work to migrate County applications to new servers so the 2008 servers can be decommissioned. The appropriation will also be used to remediate a 2017 audit finding for exposed cabling in a hallway between the CJF and Courthouse.

2020 Scope of Work:

The scope of work for 2020 includes contract resources to perform analysis of current systems, plan preparation to migrate to new systems and perform the execution of migrating to new systems so that all Windows Server 2008 instances can be decommissioned. This scope of work does not include those Microsoft SQL 2008 servers running in production. Because the server operating system is the most vulnerable, IMSD will remediate the operating system in 2020. The cabling audit finding will also be remediated in 2020.

2021 - 2024 Scope of Work:

The Five-Year Capital Improvement Plan includes capital project WO30001 that anticipates 1.) replacement of Data center switches 2.) Data center remediation - cabling for the Courthouse MER and G2A areas in 2021 as well as remediation of SQL server 2008.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$784,500	$0	$0	$0	$784,500
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$784,500***	***$0***	***$0***	***$0***	***$784,500***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$784,500	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$784,500***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$707,500	$0	$707,500
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$77,000	$0	$77,000
TOTAL	***$0***	***$784,500***	***$0***	***$784,500***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2021	4
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

3-7

Requesting Department or Agency:

Dept of Admin Services - IMSD

Managing Department or Agency:

Dept of Admn Services - Information Management Services

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Technology & Electronic Equipment

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO334	WO33401	ASSET PROTECTION-COMPUTER REPLACEMENT-PHASE 2

2020 Sub-Project Addresses the following item/issue:

The County currently has approximately 3,800 computers to upgrade to Windows 10. Microsoft will no longer provide patches, fixes and security updates to Windows 7 after January 2020. The 2019 Adopted Capital Budget included an appropriation of $1,633,076 for the Phase 1 of computer replacements (under capital project WO19301). This appropriation will cover Phase 2 of computer replacements.

2020 Scope of Work:

The scope of work includes the purchase of PCs, laptops, and tablets as well as professional services related to the technical work of migrating to new hardware and project management.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$724,493	$0	$0	$0	$724,493
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$724,493*	*$0*	*$0*	*$0*	*$724,493*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$724,493	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$724,493*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$217,276	$0	$217,276
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$507,217	$0	$507,217
TOTAL	*$0*	*$724,493*	*$0*	*$724,493*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2019	2
Complete Final Plans & Specs	2019	2
Begin Implementation/Purchase Asset	2019	2
Substantially Completed	2020	1
Scheduled Sub-Project Closeout	2020	2

Useful Life (Yrs)

5-7

Requesting Department or Agency:

Dept of Admin Services - IMSD

Managing Department or Agency:

Dept of Admn Services - Information Management Services

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Technology & Electronic Equipment

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO546	WO54601	ENTERPRISE PLATFORM MODERNIZATION-PHASE 2

2020 Sub-Project Addresses the following item/issue:

Enterprise Resource Planning (ERP) is business management software consisting of a set of integrated applications to consolidate common business operations. This is the foundational piece of software that is the backbone to the following Milwaukee County (County) and Milwaukee County Transit System (Transit) functions. Milwaukee County is in the process of implementing the base software package. Additional functionality and enhancements are requested for usability, process efficiency, and additional functionality.

2020 Scope of Work:

The scope of work includes implementation of Performance & Goals, Succession Planning, and Health & Safety Modules. Scope also includes modifications for usability, process efficiency that were not able to be accommodated in original platform implementation timelines. Work also includes software fixes and functionality to stabilize platform.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$2,000,000	$0	$0	$0	$2,000,000
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$2,000,000***	***$0***	***$0***	***$0***	***$2,000,000***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$2,000,000	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$2,000,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$2,000,000	$0	$2,000,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$2,000,000***	***$0***	***$2,000,000***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	3
Begin Implementation/Purchase Asset	2020	1
Substantially Completed	2021	1
Scheduled Sub-Project Closeout	2021	2

Useful Life (Yrs)

5

Requesting Department or Agency:

Dept of Admin Services - IMSD

Managing Department or Agency:

Dept of Admn Services - Information Management Services

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Technology & Electronic Equipment

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO189	WO18901	COUNTYWIDE ADA REPAIRS-PHASE 3

2020 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. Goal #1 for DAS – FMD / OPD is to reduce ADA accessibility deficits in category 1 buildings (Airport, Courthouse, CJF, Vel Phillips JJC, HOC, & War Memorial). The specific project comes from the VFA Report which has 800+ ADA projects, totaling over $18.9 million (87 of those projects totaling $4.9 million are in category 1 buildings). The project includes remodeling one men's and one women's restroom on one floor of the courthouse to create accessible restrooms on a floor that currently offers no accessible restrooms. This project will focus on renovating one men's and one women's restroom on the Ground Floor of the Courthouse.

2020 Scope of Work:

The scope of work includes planning and design to address ADA items related to the Courthouse restrooms. With respect to sustainability/energy efficiency, and plumbing fixtures will utilize low GPM features and paint will have low VOC.

2021 - 2024 Scope of Work:

The scope of work includes the construction phase to address ADA items related to the Courthouse restrooms. Anticipated work includes remodeling one (1) men's and one (1) women's restroom for handicap accessibility (ADA compliant). This may include removing barriers, replacement of existing non-compliant fixtures, creating an accessible route, and installing new ADA compliant fixtures and restroom accessories.

The planned 2021 – 2024 Countywide ADA Repairs is reflected in WO18801 of the 5-YR Capital Improvement Plan.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$82,226	$0	$0	$0	$82,226
2021	$535,763	$0	$0	$0	$535,763
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$617,989***	***$0***	***$0***	***$0***	***$617,989***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$82,226	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$82,226***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$82,226	$0	$82,226
Construction & Implementation	$0	$0	$535,763	$535,763
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$82,226***	***$535,763***	***$617,989***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	2
Substantially Completed	2020	3
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

30

Requesting Department or Agency:

Dept of Admin Services - Office for Persons w/ Disabilities

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Facility_Rehab or Major Maint

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2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO335	WO33501	FLEET GENERAL EQUIPMENT-2020

2020 Sub-Project Addresses the following item/issue:

General vehicle and equipment replacement. Debt for equipment acquisitions will be included in the County's short-term debt issues for vehicles and attachments. The actual costs, including interest paid, will be charged to user departments which is a continuation of the County's practice adopted as part of the 2010 Budget. User departments are required to turn in a comparable piece of equipment, as identified by the Director of Fleet Management, for each unit that is replaced. User departments will not be allowed to keep vehicles and equipment that exceed their established allotment. This project is primarily for Highway, District Attorney, Behavioral Health, Facilities Management, Medical Examiner, and Zoo.

2020 Scope of Work:

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

2021 - 2024 Scope of Work:

This is an ongoing project to replace equipment at the end of its useful life. The 5-Year Capital Improvement Plan includes general vehicles and equipment as part of capital project WO31501 for years 2021 through 2024.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$4,718,479	$0	$0	$0	$4,718,479
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$4,718,479*	*$0*	*$0*	*$0*	*$4,718,479*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$4,718,479	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$4,718,479*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$4,718,479	$0	$4,718,479
TOTAL	*$0*	*$4,718,479*	*$0*	*$4,718,479*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	NA
Complete Preliminary Plan (if applicable)	NA	NA
Complete Final Plans & Specs	NA	NA
Begin Implementation/Purchase Asset	2020	2
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

4/7/12

Requesting Department or Agency:

Dept of Transportation - Fleet Management

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

No

Functional Group:

Transportation and Public Works

Capital Category:

Vehicles & Equipment

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

YEAR 2020 BUDGET-FLEET EQUIPMENT ACQUISITIONS

FLEET GENERAL EQUIPMENT

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL BUDGET
	HIGHWAY							
1	105049	12	High	5150	Highway - Special Maintenance	1990	Pickup Truck with Dump Body	$ 75,000
2	118009	12	High	5110	Highway - Patrol Section 1	2004	Patrol Truck - Tandem Axle	$ 290,000
3	118600	12	High	5110	Highway - Patrol Section 1	2006	Patrol Truck - Tandem Axle	$ 290,000
4	118601	12	High	5110	Highway - Patrol Section 1	2006	Patrol Truck - Tandem Axle	$ 290,000
5	118604	12	High	5120	Highway - Patrol Section 2	2007	Patrol Truck - Tandem Axle	$ 290,000
6	118605	12	High	5110	Highway - Patrol Section 1	2007	Patrol Truck - Tandem Axle	$ 290,000
7	118606	12	High	5140	Highway - Patrol Section 4	2007	Patrol Truck - Tandem Axle	$ 290,000
8	106517	12	High	5120	Highway - Patrol Section 2	2003	Patrol Truck - Single Axle	$ 275,000
9	106523	12	High	5110	Highway - Patrol Section 1	2003	Patrol Truck - Single Axle	$ 275,000
10	106539	12	High	5110	Highway - Patrol Section 1	2007	Patrol Truck - Single Axle	$ 275,000
11	106540	12	High	5120	Highway - Patrol Section 2	2008	Patrol Truck - Single Axle	$ 275,000
12	106541	12	High	5140	Highway - Patrol Section 4	2008	Patrol Truck - Single Axle	$ 275,000
18	208104	12	High	5160	Highway - Patrol Section 3	2003	Wheel Loader	$ 265,000
19	205256	12	High	5120	Highway - Patrol Section 2	2001	Tractor w/ Flail Mowers	$ 140,000
20	205257	12	High	5140	Highway - Patrol Section 4	2001	Tractor w/ Flail Mowers	$ 140,000
21	205364	12	High	5160	Highway - Patrol Section 3	2001	Tractor w/ Flail Mowers	$ 140,000
22	205362	12	High	5110	Highway - Patrol Section 1	2004	Tractor w/ Flail Mowers	$ 140,000
23	204060	12	High	5120	Highway - Patrol Section 2	1995	Skid Steer Loader (w/auger)	$ 135,000
24	938006	12	High	5140	Highway - Patrol Section 4	1986	Slip-in Asphalt Box	$ 90,000
		TOTAL HIGHWAY EQUIPMENT						**$ 4,240,000**
	DISTRICT ATTORNEY							
25	153065	7	High	4501	District Attorney	2011	SUV	$ 50,000
		TOTAL DISTRICT ATTORNEY EQUIPMENT						**$ 50,000**
	BEHAVIORAL HEALTH							
26	114194	7	High	6474	Wraparound Services	2011	Sedan	$ 25,000
27	114706	7	High	6474	Wraparound Services	2013	Sedan	$ 25,000
		TOTAL BEHAVIORAL HEALTH EQUIPMENT						**$ 50,000**
	FACILITIES							
28	152004	7	High	5702	Facilities Maintenance	1998	Cargo Van	$ 32,000
29	152005	7	High	5702	Facilities Maintenance	2001	Cargo Van	$ 32,000
30	152006	7	High	5702	Facilities Maintenance	2001	Cargo Van	$ 32,000
		TOTAL FACILITIES EQUIPMENT						**$ 96,000**
	ZOO							
31	433006	12	High	9523	Zoo	2009	Sweeper	$ 282,479
		TOTAL ZOO EQUIPMENT						**$ 282,479**
							TOTAL	**$ 4,718,479**

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO336	WO33601	SHERIFF FLEET EQUIPMENT-2020

2020 Sub-Project Addresses the following item/issue:

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

2020 Scope of Work:

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

2021 - 2024 Scope of Work:

This is an ongoing project to replace equipment at the end of its useful life. The 5-Year Capital Improvement Plan includes general vehicles and equipment as part of capital project WO31601 for years 2021 through 2024.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$840,000	$0	$0	$0	$840,000
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$840,000*	*$0*	*$0*	*$0*	*$840,000*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$840,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$840,000*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$840,000	$0	$840,000
TOTAL	*$0*	*$840,000*	*$0*	*$840,000*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	NA
Complete Preliminary Plan (if applicable)	NA	NA
Complete Final Plans & Specs	NA	NA
Begin Implementation/Purchase Asset	2020	2
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

4/7/12

Requesting Department or Agency:

Dept of Transportation - Fleet Management

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

No

Functional Group:

Transportation and Public Works

Capital Category:

Vehicles & Equipment

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

YEAR 2020 BUDGET-FLEET EQUIPMENT ACQUISITIONS
DETAIL LIST-SHERIFF EQUIPMENT

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL BUDGET
	SHERIFF							
1	150355	4	HIGH	4021	Sheriff - Patrol	2011	Sedan - Police Package	$ 38,500
2	150367	4	HIGH	4021	Sheriff - Patrol	2011	Sedan - Police Package	$ 53,000
3	150374	4	HIGH	4021	Sheriff - Patrol	2011	Sedan - Police Package	$ 38,500
4	150426	4	HIGH	4021	Sheriff - Patrol	2011	Sedan - Police Package	$ 38,500
5	150428	4	HIGH	4021	Sheriff - Patrol	2011	Sedan - Police Package	$ 53,000
6	150456	4	HIGH	4021	Sheriff - Patrol	2014	Sedan - Police Package	$ 38,500
7	150457	4	HIGH	4021	Sheriff - Patrol	2014	Sedan - Police Package	$ 38,500
8	150458	4	HIGH	4021	Sheriff - Patrol	2014	Sedan - Police Package	$ 38,500
9	150459	4	HIGH	4021	Sheriff - Patrol	2014	Sedan - Police Package	$ 38,500
10	150460	4	HIGH	4021	Sheriff - Patrol	2014	Sedan - Police Package	$ 38,500
11	150461	4	HIGH	4021	Sheriff - Patrol	2014	Sedan - Police Package	$ 38,500
12	150462	4	HIGH	4021	Sheriff - Patrol	2014	Sedan - Police Package	$ 38,500
13	150463	4	HIGH	4021	Sheriff - Patrol	2014	Sedan - Police Package	$ 38,500
14	150464	4	HIGH	4021	Sheriff - Patrol	2014	Sedan - Police Package	$ 38,500
15	150465	4	HIGH	4021	Sheriff - Patrol	2014	Sedan - Police Package	$ 38,500
16	150466	4	HIGH	4021	Sheriff - Patrol	2014	Sedan - Police Package	$ 38,500
17	150391	4	HIGH	4021	Sheriff - Patrol	2010	SUV - Police Package	$ 51,000
18	150442	4	HIGH	4021	Sheriff - Patrol	2013	SUV - Police Package	$ 51,000
19	150450	4	HIGH	4016	Sheriff - Airport	2013	SUV - Police Package	$ 51,000
20	150380	4	HIGH	4021	Sheriff - Patrol	2010	SUV - Dodge Durango	$ 42,000
							TOTAL	**$ 840,000**

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO337	WO33701	HOUSE OF CORRECTION FLEET EQUIPMENT-2020

2020 Sub-Project Addresses the following item/issue:

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

2020 Scope of Work:

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

2021 - 2024 Scope of Work:

This is an ongoing project to replace equipment at the end of its useful life. The 5-Year Capital Improvement Plan includes general vehicles and equipment as part of capital project WO31701 for years 2021 through 2024.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$260,000	$0	$0	$0	$260,000
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$260,000***	***$0***	***$0***	***$0***	***$260,000***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$260,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$260,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$260,000	$0	$260,000
TOTAL	***$0***	***$260,000***	***$0***	***$260,000***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	NA
Complete Preliminary Plan (if applicable)	NA	NA
Complete Final Plans & Specs	NA	NA
Begin Implementation/Purchase Asset	2020	2
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

4/7/12

Requesting Department or Agency:

Dept of Transportation - Fleet Management

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

No

Functional Group:

Transportation and Public Works

Capital Category:

Vehicles & Equipment

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

YEAR 2020 BUDGET-FLEET EQUIPMENT ACQUISITIONS
DETAIL LIST-HOUSE OF CORRECTION

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL BUDGET
	HOUSE OF CORRECTION							
1	153074	7	High	4311	House of Correction	2007	SUV 4x4	$ 35,000
2	165067	7	High	4311	House of Correction	1996	Pickup (4x4)	$ 35,000
3	114695	7	High	4311	House of Correction	2010	Sedan	$ 25,000
4	114710	7	High	4311	House of Correction	2010	Sedan	$ 25,000
5	165780	7	High	4311	House of Correction	2001	Prisoner transport van	$ 70,000
6	165789	7	High	4311	House of Correction	2001	Prisoner transport van	$ 70,000
							TOTAL	**$ 260,000**

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO338	WO33801	FLEET PARKS EQUIPMENT-2020

2020 Sub-Project Addresses the following item/issue:

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

2020 Scope of Work:

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

2021 - 2024 Scope of Work:

This is an ongoing project to replace equipment at the end of its useful life. The 5-Year Capital Improvement Plan includes general vehicles and equipment as part of capital project WO31801 for years 2021 through 2024.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$2,520,000	$0	$0	$0	$2,520,000
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$2,520,000***	***$0***	***$0***	***$0***	***$2,520,000***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$2,520,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$2,520,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$2,520,000	$0	$2,520,000
TOTAL	***$0***	***$2,520,000***	***$0***	***$2,520,000***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	NA
Complete Preliminary Plan (if applicable)	NA	NA
Complete Final Plans & Specs	NA	NA
Begin Implementation/Purchase Asset	2020	2
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

4/7/12

Requesting Department or Agency:

Dept of Transportation - Fleet Management

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

No

Functional Group:

Transportation and Public Works

Capital Category:

Vehicles & Equipment

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

YEAR 2020 BUDGET-FLEET EQUIPMENT ACQUISITIONS
DETAIL LIST-PARKS EQUIPMENT

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL BUDGET
	PARKS GENERAL EQUIPMENT							
1	102496	7	High	9036	Parks - Golf Operations	2009	Pickup 4x4 (w/Plow)	$ 40,000
2	101540	7	High	9420	Parks - Natural Areas	2004	Crew Cab Pickup (w/ utility body)	$ 41,000
3	102492	7	High	9125	Parks - North Region	2010	Pickup 4x4 (w/Plow)	$ 40,000
4	102497	7	High	9036	Parks - Golf Operations	2010	Pickup 4x4 (w/Plow)	$ 40,000
5	102499	7	High	9125	Parks - North Region	2010	Pickup 4x4 (w/Plow)	$ 40,000
6	102502	7	High	9155	Parks - South Region	2010	Pickup 4x4 (w/Plow)	$ 40,000
7	102504	7	High	9420	Parks - Forestry	2010	Pickup 4x4 (w/Plow)	$ 40,000
8	102506	7	High	9420	Parks - Forestry	2010	Pickup 4x4 (w/Plow)	$ 40,000
9	102501	7	High	9136	Parks - Central Region	2010	Pickup 4x4 (w/Plow)	$ 40,000
10	102510	7	High	9420	Parks - Forestry	2010	Pickup 4x4 (w/Plow)	$ 40,000
11	102500	7	High	9136	Parks - Central Region	2010	Pickup 4x4 (w/Plow)	$ 40,000
12	102493	7	High	9125	Parks - North Region	2010	Pickup 4x4 (w/Plow)	$ 40,000
17	104006	12	High	9420	Parks - Forestry	2003	Aerial Truck	$ 170,000
18	104005	12	High	9420	Parks - Forestry	2003	Aerial Truck	$ 170,000
19	152017	7	High	9420	Parks - Playgrounds	2005	Cutaway Van (w/utility body)	$ 40,000
20	114679	7	High	9050	Parks - Security	2010	Sedan	$ 27,000
21	114675	7	High	9420	Parks - Lanscape	2010	Sedan	$ 27,000
22	114674	7	High	9136	Parks - Central Region	2010	Sedan	$ 27,000
23	105351	12	High	9420	Parks - Forestry	2005	Swap Loader Truck	$ 125,000
24	105352	12	High	9420	Parks - Forestry	2005	Swap Loader Truck	$ 125,000
25	207003	12	High	9136	Parks - Central Region	2000	16' Mower	$ 65,000
28	493019	12	High	9420	Parks - Forestry	1995	Drop Deck Equipment Trailer	$ 20,000
29	493020	12	High	9420	Parks - Forestry	1995	Drop Deck Equipment Trailer	$ 20,000
31	902017	12	High	9420	Parks - Forestry	2003	Chipper	$ 70,000
32	902018	12	High	9420	Parks - Forestry	2004	Chipper	$ 70,000
							SUBTOTAL	**$ 1,437,000**
	PARKS FIVE DIGIT EQUIPMENT							
20	38223	12	High	9136	Parks- Central Region	1999	Ice Resurfacer	$ 140,000
21	49171	12	High	9155	Parks - South Region	1997	Drop Deck Flatbed Trailer	$ 6,500
22	49170	12	High	9136	Parks - Central Region	1997	Drop Deck Flatbed Trailer	$ 6,500
23	49165	12	High	9136	Parks - Central Region	1997	Drop Deck Flatbed Trailer	$ 6,500
24	49173	12	High	9136	Parks - Central Region	1997	Drop Deck Flatbed Trailer	$ 6,500
25	49011	12	High	9155	Parks - South Region	1997	Drop Deck Flatbed Trailer	$ 6,500
35	49014	12	High	9420	Parks - Forestry	2001	Tilt Deck Trailer	$ 20,000
36	49015	12	High	9420	Parks - Forestry	2001	Tilt Deck Trailer	$ 20,000
37	40600	12	High	9136	Parks- Central Region	2007	11' Rotary Mower	$ 65,000
38	40712	12	High	9036	Parks - Golf Operations	2007	11' Rotary Mower	$ 65,000
39	40713	12	High	9125	Parks - North Region	2007	11' Rotary Mower	$ 65,000
40	40714	12	High	9155	Parks - South Region	2007	11' Rotary Mower	$ 65,000
41	40255	12	High	9136	Parks - Central Region	2008	11' Rotary Mower	$ 65,000
42	40256	12	High	9155	Parks - South Region	2008	11' Rotary Mower	$ 65,000
43	40257	12	High	9125	Parks - North Region	2008	11' Rotary Mower	$ 65,000
44	40258	12	High	9036	Parks - Golf Operations	2008	11' Rotary Mower	$ 65,000
45	40259	12	High	9125	Parks - North Region	2008	11' Rotary Mower	$ 65,000

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

YEAR 2020 BUDGET-FLEET EQUIPMENT ACQUISITIONS

DETAIL LIST-PARKS EQUIPMENT

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	TOTAL BUDGET
46	40260	12	High	9155	Parks - South Region	2008	11' Rotary Mower	$ 65,000
47	40262	12	High	9125	Parks - North Region	2008	11' Rotary Mower	$ 65,000
48	40263	12	High	9136	Parks - Central Region	2008	11' Rotary Mower	$ 65,000
49	40264	12	High	9036	Parks - Golf Operations	2008	11' Rotary Mower	$ 65,000
50	18229	12	High	9168	Parks - Recreation	2005	72" Mower	$ 26,000
							SUBTOTAL	**$ 1,083,500**
							TOTAL	**$ 2,520,500**

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2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO273	WO27301	CARDIAC MONITORS

2020 Sub-Project Addresses the following item/issue:

The current monitors were purchased in 2013 and new models are on the market here in 2019. The EMS contract was amended in 2017 and provided for a two-year term extension which will expire at the end of 2020. All twelve participating municipalities have extended their contract. Cardiac monitors are critical field equipment that save lives everyday and transmit vital information to all receiving hospital ER's. The age and wear and tear of these devices is becoming critical and many devices in the fleet will be out of service, so it is imperative they be replaced to ensure patient survival.

2020 Scope of Work:

The scope of work includes the procurement and implementation of 49 new cardiac monitors. Non bond-eligible expenses (i.e. training) will be absorbed within OEM's operating budget.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$1,125,000	$0	$0	$0	$1,125,000
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,125,000***	***$0***	***$0***	***$0***	***$1,125,000***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$1,125,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$1,125,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$1,125,000	$0	$1,125,000
TOTAL	***$0***	***$1,125,000***	***$0***	***$1,125,000***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	NA	0
Complete Final Plans & Specs	NA	0
Begin Implementation/Purchase Asset	2020	2
Substantially Completed	NA	0
Scheduled Sub-Project Closeout	NA	0

Useful Life (Yrs)

7

Requesting Department or Agency:

Office of Emergency Management

Managing Department or Agency:

Dept of Admn Services - Information Management Services

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Technology & Electronic Equipment

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

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

2020 Sub-Project Addresses the following item/issue:

The Democratic National Convention (July of 2020) makes the continuation of this capital project extremely critical. The Office of Emergency Management initiated a CAD-to-CAD interface project in 2018 to provide an interoperability solution that will initially focus on linking computer aided dispatch (CAD) systems located in the county. This CAD-to-CAD interface provides public safety answering points (PSAPs) dispatchers the ability to identify the closest fire resource available to an incident and request the resource be dispatched in concert with the agency's automatic and mutual aid agreements, thereby reducing response time to fire and emergency medical incidents and provides situational awareness to both Fire and Police agencies. This project provides additional capital funding to extend the end date into mid-2020 allowing for build, deploy, and rollout to law enforcement agencies and represents a committed obligation in the Emergency Medical Services (EMS) contract with nine local fire departments for 2017-2020; has been approved by the Intergovernmental Cooperation Council; adopted by the County Board (File No 16-680); and serves as a mechanism to re-divert tax levy that previously went towards payments to communities for EMS. The overall project includes technology that integrates public safety data for intelligent analytics and is anticipated to create significant efficiencies for all county first responders in resource delivery.

2020 Scope of Work:

The scope of work includes the continued development and implementation of the technology integrator or intelligent hub-model that creates the data feed between 9-1-1 Computer Aided Dispatch (CAD) systems. With the DNC announcement, there is a renewed desire by law enforcement entities to participate in the Data Interoperability project and this request will fund the work necessary to onboard law enforcement agencies prior to the DNC event. Scope of work also includes the implementation of SSL capabilities for the portal client, which will eliminate the need to maintain external IP addresses for each location viewing the portal, making for easier supportability and sustainability.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$319,400	$0	$0	$0	$319,400
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$319,400***	***$0***	***$0***	***$0***	***$319,400***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$319,400	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$319,400***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$275,000	$209,400	$0	$484,400
Construction & Implementation	$762,650	$110,000	$0	$872,650
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$1,037,650***	***$319,400***	***$0***	***$1,357,050***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	N/A	0
Complete Preliminary Plan (if applicable)	2021	1
Complete Final Plans & Specs	2021	1
Begin Implementation/Purchase Asset	2021	2
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	3

Useful Life (Yrs)

7

Requesting Department or Agency:

Office of Emergency Management

Managing Department or Agency:

Dept of Admn Services - Information Management Services

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Technology & Electronic Equipment

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO179	WO17901	MCSO VOICE ANALYTICS

2020 Sub-Project Addresses the following item/issue:

Each day inmates at the Milwaukee County Jail (MCJ) and the House of Corrections (HOC) utilize the inmate phone system to conduct criminal activities while incarcerated. Inmates use loopholes in the current system to make calls under other inmate accounts and false identities. Currently all phones calls are recorded in the MCJ and the HOC, but not all calls can be monitored. Staff must rely on tips and sometimes pure luck to identify potential criminal activity. The DA's Office is also involved with manual monitoring of calls with respect to witness tampering. Only a small subset of inmate calls are ever retrieved for review. More effective and efficient monitoring is required to prevent future criminal activity and to solve current criminal activity. This project will leverage analytics to automatically scan and classify voice recordings for potential criminal activities, allowing staff to concentrate their review efforts on calls that are potentially related to criminal activity. Cost savings of staff time and resources would occur due to the unnecessary time involved in listening to every minute of every call.

2020 Scope of Work:

The scope of the project includes system design and volume analysis, integration with call recorder and WebFOCUS, training, architecture & data assessment, data integration and metadata development, application design, application development and testing.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$151,400	$0	$0	$0	$151,400
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$151,400*	*$0*	*$0*	*$0*	*$151,400*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$151,400	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$151,400*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$10,000	$0	$10,000
Construction & Implementation	$0	$60,200	$0	$60,200
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$81,200	$0	$81,200
TOTAL	*$0*	*$151,400*	*$0*	*$151,400*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2020	2
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

7

Requesting Department or Agency:

Office of the Sheriff

Managing Department or Agency:

Dept of Admn Services - Information Management Services

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Technology & Electronic Equipment

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO200	WO20001	TRAINING ACADEMY PARKING LOT REPLACEMENT

2020 Sub-Project Addresses the following item/issue:

The parking lot at the Training Academy is in poor condition and requires complete replacement. The surface is uneven and filled with potholes that are getting larger and more difficult to patch. There are an increasing number of cracks that are becoming more difficult to seal. The Training Academy was built in 2002 and the parking lot has never been completely replaced. This would make the parking lot 17 years old. It has become critical that this lot be replaced as maintenance is becoming feasible. The Milwaukee County Highway Maintenance Department has attempted (in 2014) to repair the lot, but without permanent success.

2020 Scope of Work:

The scope of work includes planning and design for replacement of the Sheriff's Training Academy Parking Lot. With respect to Sustainability and Energy Efficiency, lighting will be replaced with LED fixtures. Asphaltic concrete mixes used for surface course and binder course may contain salvaged or reclaimed asphaltic material. Crushed gravel base course may include crushed stone, crushed gravel, crushed concrete, reclaimed asphaltic pavement, reprocessed material or blended material. Storm water best management practices, green infrastructure, natural areas restoration and management shall be incorporated where applicable.

2021 - 2024 Scope of Work:

The scope of work includes the construction phase for replacement of the Sheriff's Training Academy Parking Lot. Anticipated work includes: replace existing surface with 4 inches of asphalt on 8 inches of stone base; new concrete curb and gutter; use of pervious pavers; new drainage and storm sewers; new lighting; other potential utility replacement under new pavement.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$171,527	$0	$0	$0	$171,527
2021	$1,342,148	$0	$0	$0	$1,342,148
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,513,675***	***$0***	***$0***	***$0***	***$1,513,675***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$171,527	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$171,527***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$171,527	$0	$171,527
Construction & Implementation	$0	$0	$1,342,148	$1,342,148
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$171,527***	***$1,342,148***	***$1,513,675***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	1
Begin Implementation/Purchase Asset	2020	2
Substantially Completed	2020	3
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

20

Requesting Department or Agency:

Office of the Sheriff

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Traffic, Roadways, & Bridges (Non-Airport)

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO289	WO28901	CJF INTERCOMS AND DOOR CONTROLS REPLACEMENT

2020 Sub-Project Addresses the following item/issue:

This project will replace the intercoms and door control system in the Milwaukee County Jail. The current system is near failure. Replacement servers and workstations run on obsolete operating systems which can no longer be patched and represent security risks. There are no replacement parts being manufactured and a supply of existing available parts must be purchased on the secondary market in order to have a parts inventory to maintain the system. Failure of this system would cause the need to use a manual system that would be labor intensive. A Corrections Officer would be needed in each housing unit 24 hours, 7 days a week. An (estimated) additional 131,040 work hours per year at a minimum overtime rate of $27.80 which would cost $3,642,912 annually. The Office of the Sheriff (Sheriff) has indicated failure of this system would put the lives of those incarcerated in the Jail at high risk. If the intercoms fail, there is no method of communication that an inmate would be able to use to notify Jail staff if they are experiencing a medical emergency or any other type of distress, besides knocking on the door or waving their arms if they are visible through the door. This is a critical life safety issue and needs to be addressed. Annual support costs are expected to be between $50-$70k per year and will be absorbed in the department's operating budget.

2020 Scope of Work:

The scope of work includes replacing the existing Jail Control system with new state of the art solution that incorporates current hardware and software that is readily available. Electronic lock and door mechanisms that are currently in place will be reused. A total of $1,700,000 of the $2,200,000 appropriated for the 2020 scope of work is contained in an allocated contingency account within the capital improvement project. Upon review and confirmation from the Office of the Comptroller (Comptroller) and the Department of Administrative Services (DAS) that planning and design has been completed, the Sheriff shall make a request to the County Board to release the allocated appropriation. The request to the County Board shall include a report, fiscal note, and resolution. The resolution will include language directing the DAS and the Comptroller to perform an administrative appropriation transfer to effectuate the reallocation of budget authority within the project.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$2,200,000	$0	$0	$0	$2,200,000
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$2,200,000***	***$0***	***$0***	***$0***	***$2,200,000***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$1,700,000	Revenue Bonds	$0
G.O. Bonds & Notes	$500,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$2,200,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$2,200,000	$0	$2,200,000
TOTAL	***$0***	***$2,200,000***	***$0***	***$2,200,000***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	2
Complete Final Plans & Specs	2020	3
Begin Implementation/Purchase Asset	2020	4
Substantially Completed	2021	1
Scheduled Sub-Project Closeout	2021	2

Useful Life (Yrs)

7

Requesting Department or Agency:

Office of the Sheriff

Managing Department or Agency:

Dept of Admn Services - Information Management Services

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Technology & Electronic Equipment

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO544	WO54401	MER FIRE SUPPRESSION REPLACEMENT

2020 Sub-Project Addresses the following item/issue:

The Mechanical Equipment Room (MER) in the Criminal Justice Facility (CJF) houses the servers used throughout the CJF, Courthouse and Safety Building for Milwaukee County Sheriff Office (MCSO). The fire suppression system is currently a wet system that would destroy the electronic equipment inside the MER if were ever deployed. This project aims at replacing the wet fire suppression system with a dry system. If the equipment in the MER room would be disabled, many of the services that MCSO provides would be at a standstill as well as other agencies through the Courthouse Complex that have their servers in this room. Critical systems in the Jail would be interrupted and would cause life safety risks.

2020 Scope of Work:

The scope of work includes replacing the existing wet sprinkler system with a clean agent Fire Suppression System in MER Data Center at CJF.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$269,425	$0	$0	$0	$269,425
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$269,425*	*$0*	*$0*	*$0*	*$269,425*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$269,425	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$269,425*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$30,536	$0	$30,536
Construction & Implementation	$0	$238,889	$0	$238,889
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$269,425*	*$0*	*$269,425*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2019	2
Complete Preliminary Plan (if applicable)	2019	3
Complete Final Plans & Specs	2020	1
Begin Implementation/Purchase Asset	2020	2
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

15

Requesting Department or Agency:

Office of the Sheriff

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

General Government

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO535	**WO53501**	**WAR MEMORIAL GRN PRINT PH 1**

2020 Sub-Project Addresses the following item/issue:

In 2018, approved County Board resolution #18-92 (resolution) created new project WO535 and transferred budget authority from the existing WMC North Parking Lot project (WO517). The resolution approved acceptance of grant funding ($929,492) Grants are unable to be extended or amended in order to keep the project within its original budget. The project is over budget due to: 1.) Changes to in/out traffic patterns of the War Memorial North Lot on Lincoln Memorial Drive (requested by City of Milwaukee planning); 2.) Additional bike path/pedestrian connections that are required for circulation of large numbers of people in that small area, and additional liners required on grades due to contaminated soils found.

As a result of the aforementioned issues, an additional $800,000 is required in order to complete the project and remain grant compliant.

2020 Scope of Work:

The scope of the project includes construction for the (already designed) intersection changes where the War Memorial Center drive meets Lincoln Memorial Drive and Mason Street and the completion of the pathways and turf restoration into Veteran's park as needed. Construction will include minimal grading, pavement removal, asphalt paving, concrete paving signage, striping of pavement and turf restoration.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$800,000	$0	$0	$0	$800,000
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$800,000***	***$0***	***$0***	***$0***	***$800,000***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$800,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$800,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2020 Approp.**	**2021 - 2024 Approp.**	**Total Approp.**
Basic Planning & Design	$47,500	$33,401	$0	$80,901
Construction & Implementation	$1,457,660	$766,599	$0	$2,224,259
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$1,505,160***	***$800,000***	***$0***	***$2,305,160***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2019	2
Complete Final Plans & Specs	2005	3
Begin Implementation/Purchase Asset	2020	1
Substantially Completed	2020	3
Scheduled Sub-Project Closeout	2020	4

Useful Life (Yrs)

50

Requesting Department or Agency:

War Memorial

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

No

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Hard-Surface (Non-Roadway)

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO528	WO52801	CHARLES ALLIS BRICK FAÇADE REPAIR

2020 Sub-Project Addresses the following item/issue:

Portions of the façade on the Charles Allis Art Museum are in dire need of repair and restoration. Several façade elements were previously bid and re-bid as alternates to existing roof (WO506) and masonry (WO507) facade renovation capital projects, however, the bids came in significantly over budget in both instances. The 2017 Capital request included more than $2 million to complete these (roof and façade) elements, but the additional amounts were not included in the 2017 and 2018 Adopted Capital Improvement Budgets.

In March, 2017, an appropriation transfer re-allocated WO507 and WO506 funding to new capital project WO52701 Charles Allis Exterior Improvements, creating an overall reduced scope of work consisting of the most critical exterior needs that were identified. The reduced scope in capital project WO527 does not include major façade elements that still require funding for repairs in order to mitigate the current and/or worsening water damage to the facility.

2020 Scope of Work:

The scope of work includes planning and design for repair and restoration to portions of the Charles Allis Art Museum. All work must be performed to meet the approval from the Milwaukee Historical Commission. With respect to sustainability, new materials specified will incorporate energy efficient and sustainable design as allowed by the building code for this installation.

2021 - 2024 Scope of Work:

The scope of work includes the construction phase for the facade of the Charles Allis Art Museum. Anticipated work includes masonry repairs and restoration to portions of the buildings gable ends and courtyard wall as well as roof and flashing repairs at each of the gable ends where masonry repair and restoration occurs.

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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$192,338	$0	$0	$0	$192,338
2021	$1,504,978	$0	$0	$0	$1,504,978
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	***$1,697,316***	***$0***	***$0***	***$0***	***$1,697,316***

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$192,338	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$192,338***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$192,338	$0	$192,338
Construction & Implementation	$0	$0	$1,504,978	$1,504,978
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$192,338***	***$1,504,978***	***$1,697,316***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2020	2
Substantially Completed	2020	4
Scheduled Sub-Project Closeout	2021	1

Useful Life (Yrs)

30

Requesting Department or Agency:

Charles Allis/Villa Terrace

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_Rehab or Major Maint

2020 CAPITAL IMPROVEMENT BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO117	WO11701	MARCUS CENTER ROOF REPLACEMENT

2020 Sub-Project Addresses the following item/issue:

The entire facility was re-roofed in 1993-95. The existing roof is an asphaltic built-up roofing system with a graveled surface. This roofing system is installed over various thickness of insulation on both metal and concrete decks. Life expectancy of the roofing system is 25 years.

This project is included in the annual County Capital Support agreement with the Marcus Center (Adopted County Board resolution #16-214).

2020 Scope of Work:

The scope of the project includes complete roof replacement.

2021 - 2024 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. Adjustments to reduce the project scope shall be made, as necessary, in order to not exceed authorized budget appropriation(s).

Capital Sub-Project Cost and Reimbursement Revenue By Year (2020 - 2024)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2020	$1,345,462	$0	$0	$0	$1,345,462
2021	$0	$0	$0	$0	$0
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
TOTAL	*$1,345,462*	*$0*	*$0*	*$0*	*$1,345,462*

2020 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$1,345,462	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		*$1,345,462*	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2020 Approp.	2021 - 2024 Approp.	Total Approp.
Basic Planning & Design	$0	$175,105	$0	$175,105
Construction & Implementation	$0	$1,170,357	$0	$1,170,357
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	*$0*	*$1,345,462*	*$0*	*$1,345,462*

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	1
Complete Final Plans & Specs	2020	2
Begin Implementation/Purchase Asset	2021	2
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

30

Requesting Department or Agency:

Marcus Center for the Performing Arts

Managing Department or Agency:

Dept of Admn Services - Facilities Management

Specialized Consultant(s) Retained:

Yes

Functional Group:

Parks, Recreation, & Culture

Capital Category:

Facility_Rehab or Major Maint

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2020 ADOPTED CAPITAL IMPROVEMENTS
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
2020 - 2024
ALL DEPARTMENTS

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

		All Depts County-Wide	2020 - BUDGET			2021			2022			2023			2024		
DEPT	Project	Project Description	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
AGING	WS04801	Rose Senior Center Roof Replacement							357,000		357,000						
AGING	WS11101	Wilson Senior Center Access Lighting				127,503		127,503									
AGING	WS05101	McGovern Senior Center Flooring and Ceiling Repl										208,019		208,019			
AGING	WS05301	Kelly Senior Center Fitness Area Restrooms				315,180		315,180									
AGING	WS05501	Kelly SC HVAC Unit				430,746		430,746									
AGING	WS05901	Rose Senior Center New Kitchen				177,551		177,551									
AGING	WS06201	Wilson Senior Center Restroom ADA Renovations				937,728		937,728									
AGING	WS06701	Kelly Sr Center Window Renovations							233,771		233,771						
AGING	WS10001	Rose Senior Center Restroom Renovation							141,453		141,453						
AGING	WS04005	McGovern Main Kitchen Replacement													128,173		128,173
AGING	WS11601	Washington Senior Center Access Lighting				140,243		140,243									
AGING	WS10901	ARC Call Center Phone System Replacement				105,060		105,060									
AGING	WS11801	McGovern Sr Center Restroom ADA Updates										102,000		102,000			
AGING	WS12501	(Rose) Bolier-Exhaust--(McGovern) Exhaust Rplcmnt	167,938		167,938												
AGING	WS12701	Kelly Sr Center & Nutrition Site Boiler Rplcmnt	249,858		249,858												
AGING	WS12801	Wilson Sr Center Boiler and Exhaust Rplcmnt	194,954		194,954												
CAVT	WO25001	Villa Terrace Courtyard Foundation and Drainage							100,000		100,000						
CAVT	WO25201	Charles Allis Great Hall Drainage Survey/Leaking										100,000		100,000			
CAVT	WO25601	Villa Terrace Wrought Iron Restoration				100,000		100,000									
CAVT	WO26301	Charles Allis Wrought Iron Restoration				125,000		125,000									
CAVT	WO52801	Charles Allis Façade Repair	192,338		192,338	1,504,978		1,504,978									
CAVT	WO12401	Charles Allis Window and Door Replacement				496,989		496,989									
CAVT	WO33301	Villa Terrace Driveway Area Repairs							100,000		100,000						
DAS-FM-EE	WV04801	County-wide Sanitary Sewers Repairs-Pln Plchldr				150,000		150,000	150,000		150,000	100,000		100,000	100,000		100,000
DAS-FM-EE	WV01201	Pond and Lagoon Demonstration Project							1,600,000		1,600,000						
DAS-FM-EE	WV01601	NR216 Stormwater TSS Controls							1,068,000		1,068,000	1,068,000		1,068,000			
DAS-FM-EE	WV04101	Oak Creek Skate Lift station				350,000		350,000									
DAS-FM-EE	WV04301	Oakwood Lift Station Upgrade				250,000		250,000									
DAS-FM-EE	WV04401	Mitchell Park Lift Station Upgrade							250,000		250,000						
DAS-FM-EE	WV04501	HOC WWTP Demolition										295,000		295,000			
DAS-FM-EE	WV02101	Oak Creek Streambank Stabilization	68,703		68,703	537,531		537,531									
DAS-FM-EE	WV04701	Froemming Park Pavilion Water & Sanitary	420,613		420,613												
DAS-FM-EE	WV03801	Dretzka Park Lift Station	523,015		523,015												
DAS-FM-EE	WV05001	Lead Pipe Lateral Assessment	164,597		164,597												
DAS-FM-EE	WV05101	Lead Pipe Lateral Replacement Placeholder				193,200		193,200	266,199		266,199	150,000		150,000			
DAS-FM-EE	WV05301	Food Services Bldg demolition													968,000		968,000
DAS-FM-EE	WV05201	County-wide Sanitary Sewers Repairs-2020	150,001		150,001												
DAS-FM-FM	WC21001	Coggs Center HVAC Replacement							381,385		381,385	3,432,469		3,432,469			
DAS-FM-FM	WC18401	CH Complex Facade Inspect & Repair-Plan Plchld				480,000		480,000	371,500		371,500						
DAS-FM-FM	WC17101	Courthouse HVAC System Replacements-Pln Plchldr							1,200,000		1,200,000						
DAS-FM-FM	WC20101	Courthouse Piping Repair-Asbestos Abate-Phase 1				200,000		200,000									
DAS-FM-FM	WC16301	Annex Parking Lot				672,354		672,354									
DAS-FM-FM	WC16501	Courthouse Monument & Waypoint Signage	192,835		192,835												
DAS-FM-FM	WC17801	CH Light Court Rehabilitation (#6)				144,081		144,081	1,069,533		1,069,533						
DAS-FM-FM	WC17701	CH Light court Rehabilitation-Planning Placeholder				150,000		150,000	1,350,000		1,350,000						
DAS-FM-FM	WC17401	Courthouse Roof Drain Replacement-Exterior				132,573		132,573	1,037,343		1,037,343						
DAS-FM-FM	WC18601	Safety Building Window Replacement-Phase 1				297,557		297,557									
DAS-FM-FM	WC17001	Facilities West (Lapham) Roof Replacement										765,279		765,279			
DAS-FM-FM	WC14401	CJF Floor Coatings Penthouse										325,361		325,361			
DAS-FM-FM	WG03401	Vel Phillips Courts Sound System										292,828		292,828			
DAS-FM-FM	WC20601	Safety Bldg Demolition				1,500,000		1,500,000	9,000,000		9,000,000						
DAS-FM-FM	WC21201	New Courthouse Transition Facilities-Phase 1				4,996,126		4,996,126									
DAS-FM-FM	WC21101	New Courthouse Transition Facilities-Plan Plchld							7,900,000		7,900,000	7,900,000		7,900,000			
DAS-FM-FM	WC20801	Courthouse Complex Swingspace-Clerk of Courts				435,998		435,998									
DAS-FM-FM	WC20901	Forensic Science Center-Phase 2	11,191,328		11,191,328	16,900,357		16,900,357									
DAS-FM-FM	WC20701	New Criminal Courthouse				1,000,000		1,000,000	20,000,000		20,000,000	180,000,000		180,000,000			
DAS-FM-FM	WC18201	Historic Courthouse Changes										9,000,000		9,000,000			
DAS-FM-FM	WC20401	Courthouse Piping Repair-Asbestos Abtmnt Plchldr							120,000		120,000	120,000		120,000	120,000		120,000
DAS-FM-FM	WC19501	CH Complex Directories				419,309		419,309									
DAS-FM-FM	WC19401	Maint Support Site Update & Master Planning				500,000		500,000	1,000,000		1,000,000						
DAS-FM-FM	WC06401	Medical Examiner HVAC										400,000		400,000			
DAS-FM-FM	WC11802	CJF Loading Dock										100,000		100,000	600,000		600,000
DAS-FM-FM	WG03501	Vel Phillips Roof Replacement	96,168		96,168	752,449		752,449									
DAS-FM-FM	WC05201	Jury Management PA and AV							113,400		113,400						
DAS-FM-FM	WC17201	CH Complex Courts Cameras/Monitors-Pln Plchld				469,000		469,000									
DAS-FM-FM	WC01801	Safety Bldg - Clerk of Court, Rm. 419 Renovation							400,000		400,000						
DAS-FM-FM	WC18501	Safety Building Window Replacement-Plan Plchld										232,831		232,831	2,095,475		2,095,475
DAS-FM-FM	WC20301	CJF Re-Commissioning				890,681		890,681	6,969,401		6,969,401						
DAS-FM-FM	WO28601	Facilities Space Management Software				100,000		100,000									
DAS-FM-FM	WC21601	CH Complex Improvements-CJF Caulking Phase 2				970,000		970,000									
DAS-FM-FM	WC21701	CH Complex Facade Inspect & Repair-Phase 3				1,088,022		1,088,022									
DAS-FM-FM	WC21801	Courthouse HVAC System Replacements-Phase 2				1,200,000		1,200,000									
DAS-FM-FM	WC21901	CH Complex Fire Alarm Replacement	210,454		210,454	1,794,808		1,794,808									
DAS-FM-FM	WC22001	CJF-Replace Detention Automatic Faucets				762,948		762,948									
DAS-FM-FM	WC22101	Safety Building-Facade Repairs & Inspect-Phase 1				448,983		448,983									

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

		All Depts County-Wide	2020 - BUDGET			2021			2022			2023			2024		
DEPT	Project	Project Description	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DAS-FM-FM	WC22401	Safety Building-Facade Rprs & Inspect-Pln Plcdr				500,000		500,000									
DAS-FM-FM	WC22201	Courthouse Cmplx-Interior Finishes Renew-Phase 1				382,615		382,615									
DAS-FM-FM	WC22301	CH Cmplx-Interior Finishes Renew-Plan Plchldr				100,000		100,000	100,000		100,000						
DAS-FM-FM	WG10001	Vel Phillips-Wood Window Replacements				410,366		410,366									
DAS-FM-FM	WG10101	Vel Phillips-Wood Window Replmnts-Plan Plchldr				120,000		120,000									
DAS-IMSD	WO19201	Asset Protection-Computer Replacement-Pln Plchdr															
DAS-IMSD	WO21701	Phone and Voicemail Replacement	1,928,235		1,928,235	215,165		215,165									
DAS-IMSD	WO19601	Wireless Infrastrctr Cnty Bldgs-Plan Placeholder				250,000		250,000	250,000		250,000	250,000		250,000	250,000		250,000
DAS-IMSD	WO19701	Wireless Infrastrctr Cnty Bldgs-Phase 1															
DAS-IMSD	WO32101	Enterprise Video Surveillance Program				750,000		750,000	250,000		250,000						
DAS-IMSD	WO29801	Asset Protection-Security Subscriptions-Pln Plhd				1,307,000		1,307,000	500,000		500,000	500,000		500,000			
DAS-IMSD	WO29901	Asset Protection-Remediation Services-Phase 1	739,500		739,500												
DAS-IMSD	WO30001	Asset Protection-Remediation Services-Pln Plhdr				695,000		695,000	300,000		300,000	300,000		300,000	300,000		300,000
DAS-IMSD	WO33001	IMSD Operational Enhancements				372,000		372,000				150,000		150,000	150,000		150,000
DAS-IMSD	WO32801	Enterprise Salesforce															
DAS-IMSD	WO33101	Intranet Upgrades 2 & 3				121,450		121,450				500,000		500,000			
DAS-IMSD	WO33401	Asset Protection-Computer Replacement-Phase 2	724,493		724,493												
DAS-IMSD	WO55101	CJIS Remediation				485,120		485,120									
DAS-IMSD	WO54601	Enterprise Platform Modernization Phase 2	2,000,000		2,000,000												
DAS-IMSD	WO54701	Enterprise Data & Analytics				712,040		712,040									
DAS-IMSD	WO55201	Enterprise Data and Analytics-Planning Plchdr				385,426		385,426	389,134		389,134	392,917		392,917	396,775		396,775
DAS-OPD	WO18801	Countywide ADA Repairs-Planning Placeholder				300,000		300,000	300,000		300,000	300,000		300,000	300,000		300,000
DAS-OPD	WO18901	Countywide ADA Repairs-Phase 3	82,226		82,226	535,763		535,763									
DAS-OPD	WO22701	WOW-Grant Rec Ctr Siding & Window Replacement															
DAS-OPD	WO64001	WOW Underwood - Roof (Bitumen) Covering Replmnt													110,000		110,000
DHHS	WS10201	Control Center Panel Replacement				130,000		130,000									
DHHS	WO53601	DHHS Document Scanning				110,000		110,000									
DHHS	WS12601	Youth Services Admin Relocation and Tenant Imprv	660,000		660,000	3,630,639		3,630,639	2,367,361		2,367,361						
DHHS-BHD	WE04101	BHD Air Handling System				1,490,843		1,490,843									
DHHS-BHD	WE04201	BHD Window Replacement							1,424,240		1,424,240						
DHHS-BHD	WE05501	BHD Bathroom Bldg Settling Repair & Replacement				492,449		492,449									
DHHS-BHD	WE05801	BHD-ACT System Renewal										137,142		137,142	1,073,080		1,073,080
DHHS-BHD	WE06001	BHD-VCT 4 Renewal										137,142		137,142	1,073,080		1,073,080
DHHS-BHD	WE06101	BHD-Door Assembly Replacement				372,757		372,757									
DHHS-BHD	WE60301	BHD-Fire Damper Replacement				132,915		132,915	1,039,990		1,039,990						
DHHS-BHD	WE03701	MHC-Repave Parking Lots X-32 A, B, & C										645,518		645,518			
DHHS-BHD	WE04001	BHD Roof Replacement				1,753,560		1,753,560									
DHHS-BHD	WE06501	Mental Health Complex New Generator				1,209,752		1,209,752									
DHHS-BHD	WE06601	BHD Air Handling System Planning Plchldr				3,366,000		3,366,000	3,366,000		3,366,000	3,366,000		3,366,000	3,366,000		3,366,000
HOC	WJ08001	HOC Video Visitation System															
HOC	WJ08301	HOC Security System Replacement															
HOC	WJ08401	HOC Steel and Glass Greenhouse							335,000		335,000						
HOC	WJ10201	HOC Boiler House Window Replacement															
HOC	WJ10301	HOC Surges Building Roof Replacement													508,732		508,732
HOC	WJ10401	HOC Lotter Building Roof Replacement										503,537		503,537			
HOC	WJ07901	HOC New Parking Outside Secure Perimeter				902,714		902,714									
HOC	WJ10801	HOC Camera Storage SAN Upgrade															
HOC	WJ11001	HOC Boiler House Repair Structural Slab	292,857		292,857												
HOC	WJ11101	HOC Admin 600 and 400 Dorm Kitchen Equipment	99,226		99,226	700,000		700,000									
MARCUS CNTR	WO11701	Marcus Center Roof Replacement	1,345,462		1,345,462												
MARCUS CNTR	WO50801	Pedestrian Pavement Replacement (2021)				800,000		800,000									
MARCUS CNTR	WO88901	Pedestrian Pavement Replacement (2022)							773,000		773,000						
MARCUS CNTR	WO54101	Pedestrian Pavement Replacement (2023)										860,000		860,000			
MARCUS CNTR	WO54201	Pedestrian Pavement Replacement (2024)													780,000		780,000
DOT-AIRPORT	WA25901	GMIA Parking Structure Repair Planning Placehold				1,503,047		1,503,047				956,683		956,683	2,647,492		2,647,492
DOT-AIRPORT	WA18801	LJT New FBO Terminal Facility															
DOT-AIRPORT	WA23001	GMIA Airfield Safety Imprvmnt-Planning Placehold				1,120,045	7,840,317	8,960,362	124,453	871,172	995,625	726,141	5,082,982	5,809,123			
DOT-AIRPORT	WA23101	GMIA Replacement Jet Bridges-Planning Placehold										2,500,000		2,500,000			
DOT-AIRPORT	WA23201	GMIA Fleet Snow Combination Units-Plan Placehold				3,500,000		3,500,000	3,500,000		3,500,000	3,500,000		3,500,000			
DOT-AIRPORT	WA23301	GMIA Airfield Pavement Rplcmnt-Plan Placehold				664,786	4,653,505	5,318,291	658,169	3,729,627	4,387,796	2,717,049	19,019,340	21,736,389	2,107,651	14,753,561	16,861,212
DOT-AIRPORT	WA22101	GMIA International Terminal Redevelopment	25,112,809		25,112,809												
DOT-AIRPORT	WA23501	LJT Pavement Replacement-Planning Placehold				45,621	866,806	912,427				472,404	8,975,680	9,448,084			
DOT-AIRPORT	WA25001	GMIA Airfield Drainage Improvements Placehold							62,500	437,500	500,000	62,500	437,500	500,000			
DOT-AIRPORT	WA25301	GMIA Operations Control Center															
DOT-AIRPORT	WA25801	GMIA Parking Lot Pavement Replacement Placehold															
DOT-AIRPORT	WA25501	GMIA HVAC Cooling Tower Replacement										1,391,129		1,391,129			
DOT-AIRPORT	WA25701	GMIA Storage Facility - Snow Removal Equipment															
DOT-AIRPORT	WA25601	LJT Runway 15L-33R Extension				596,814	5,371,326	5,968,140	707,207	13,436,942	14,144,149						
DOT-AIRPORT	WA26201	GMIA Cargo Apron Expansion				554,851	3,883,955	4,438,806	680,838	4,765,868	5,446,706	606,300	4,244,103	4,850,403			
DOT-AIRPORT	WA26501	GMIA Concourse D Flooring Replacement				2,698,524		2,698,524									
DOT-AIRPORT	WA26601	GMIA Electrical Switchgear Replacement	707,580		707,580	2,372,582		2,372,582									
DOT-AIRPORT	WA26901	GMIA Terminal Fire Alarm System Replacement				7,552,519		7,552,519									
DOT-AIRPORT	WA28001	GMIA Parking Strc Replace Decorative Metal Panel	325,329		325,329	2,700,000		2,700,000									
DOT-AIRPORT	WA28101	GMIA South Maintenance Bldg AHU Replacement				2,366,000		2,366,000									
DOT-AIRPORT	WA28201	GMIA Conourse D Roof Replacement							629,960		629,960				764,909		764,909

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

		All Depts County-Wide	2020 - BUDGET			2021			2022			2023			2024		
DEPT	Project	Project Description	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DOT-AIRPORT	WA28301	LJT East Entrance Road				236,575	236,576	473,151									
DOT-AIRPORT	WA28401	LJT Move Fencing/New Security Gates				110,912	110,912	221,824									
DOT-AIRPORT	WA28501	GMIA Parking Strc Stairwell,Doors,Frames,Windows										405,746		405,746			
DOT-AIRPORT	WA28601	GMIA Terminal Floor Replacement										1,738,911		1,738,911			
DOT-AIRPORT	WA28701	GMIA Concourse D Escalator Replacement										2,080,693		2,080,693			
DOT-AIRPORT	WA28801	GMIA Taxiway D Pavement Rehab							102,038	714,267	816,305						
DOT-AIRPORT	WA28901	GMIA East Apron Pavement Rehab							206,220	1,443,539	1,649,759						
DOT-AIRPORT	WA29001	LJT FBO Parking Lot															
DOT-AIRPORT	WA29101	LJT Rwy 15R-33L Const. (Turf)															
DOT-AIRPORT	WA29201	GMIA Water Main Installation															
DOT-AIRPORT	WA29301	GMIA South Maintenance Bldg Roof Replacement															
DOT-AIRPORT	WA29401	LJT Maintenane Garage Bldg															
DOT-AIRPORT	WA29501	GMIA Parking Structure Expansion Joint Replcmnt										579,637		579,637			
DOT-AIRPORT	WA29701	GMIA Parking Structure Repair-2020															
DOT-AIRPORT	WA29901	GMIA Airfield Pavement Replacement-2020 (Taxiway A)	135,025	945,170	1,080,195	2,113,074	6,339,219	8,452,293									
DOT-AIRPORT	WA30301	LJT Pavement Replacement-2020															
DOT-AIRPORT	WA30501	GMIA Airfield Drainage Improvements-2020															
DOT-AIRPORT	WA33001	GMIA Airfield Safety Improvement-2020 (GMIA RW 1L-19 R F															
DOT-AIRPORT	WA35001	LJT Security-Wildlife Prmtr Fencing Pln Plchldr															
DOT-AIRPORT	WA35101	LJT Security-Wildlife Prmtr Fencing-2020	18,927	359,599	378,526												
DOT-AIRPORT	WA37601	GMIA Electrical Switchgear Planning Placeholder				2,372,582		2,372,582									
DOT-AIRPORT	WA37701	GMIA South Maintenance Air Handling Unit										2,366,000		2,366,000			
DOT-AIRPORT	WA37801	LJT New FBO Building Construction							1,637,408	1,200,000	2,837,408						
DOT-AIRPORT	WA37901	LJT FBO Parking Lot							543,621		543,621						
DOT-AIRPORT	WA38001	LJT 15R-33L Turf RW Construction							88,240	1,676,558	1,764,798						
DOT-AIRPORT	WA38101	GMIA Roof Replacement Planning Placeholder				764,909		764,909									
DOT-AIRPORT	WA38201	GMIA Noise Exposure Map										230,000	2,070,000	2,300,000			
DOT-AIRPORT	WA38301	LJT Maintenance Garage										324,600		324,600			
DOT-AIRPORT	WA38401	GMIA Elevator Planning Placeholder															
DOT-AIRPORT	WA38501	GMIA Escalator Planning Placeholder															
DOT-AIRPORT	WA38601	GMIA Moving Walkway Placeholder													4,465,756		4,465,756
DOT-AIRPORT	WA38701	GMIA Flooring Planning Placeholder															
DOT-AIRPORT	WA38801	LJT Joint Fill and Sealcoat Planning Placeholder													2,400	45,600	48,000
DOT-AIRPORT	WA31201	GMIA Administration Office Redesign/Renov	2,099,281		2,099,281												
DOT-AIRPORT	WA33101	GMIA Parking Structure Lightwell Roof Installation	223,133		223,133												
DOT-AIRPORT	WA33301	GMIA Elevators L&N	1,743,148		1,743,148												
DOT-AIRPORT	WA33401	GMIA Emergency Generator - Concourse D	217,157		217,157												
DOT-AIRPORT	WA33501	GMIA Taxiway K Mill and Overlay															
DOT-AIRPORT	WA27201	PARCS System Replacement	1,054,350		1,054,350												
DOT-AIRPORT	WA38901	LJT Obstruction Removal							13,261	251,964	265,225				50,000		50,000
DOT-AIRPORT	WA39001	GMIA Central Plant Chiller Replacement													2,865,726		2,865,726
DOT-FLEET	WO31501	Fleet General Equipment-Planning Placeholder				4,651,713		4,651,713	3,631,592		3,631,592	4,300,000		4,300,000	4,300,000		4,300,000
DOT-FLEET	WO31601	Sheriff Fleet Equipment-Planning Placeholder				850,000		850,000	1,000,000		1,000,000	900,000		900,000	1,000,000		1,000,000
DOT-FLEET	WO31701	House of Correction Fleet Equip-Plan Placeholder				265,000		265,000	260,000		260,000	250,000		250,000	250,000		250,000
DOT-FLEET	WO31801	Fleet Parks Equipment-Planning Placeholder				2,430,000		2,430,000	3,180,773		3,180,773	2,065,109		2,065,109	2,840,082		2,840,082
DOT-FLEET	WO33501	Fleet General Equipment-2020	4,718,479		4,718,479												
DOT-FLEET	WO33601	Sheriff Fleet Equipment-2020	840,000		840,000												
DOT-FLEET	WO33701	House of Correction Fleet Equipment-2020	260,000		260,000												
DOT-FLEET	WO33801	Fleet Parks Equipment-2020	2,520,000		2,520,000												
DOT-HWY	WH24201	North Shop Improvement													11,508,222		11,508,222
DOT-TRANSIT	WT07801	KK Garage Roof Replacement	457,873		457,873	3,582,728		3,582,728									
DOT-TRANSIT	WT07901	Replace MCTS Fleet Maintenance Roof	3,754,536		3,754,536												
DOT-TRANSIT	WT10601	Bus Lift Replacement (2) (KK Garage)	51,182		51,182	400,434		400,434									
DOT-TRANSIT	WT10501	Maintenance Work Order System (Transit)				1,000,000		1,000,000									
DOT-TRANSIT	WT10801	HVAC Replacement-KK Bus Storage/Washhouse	200,697		200,697	1,570,362		1,570,362									
DOT-TRANSIT	WT10901	Bus Lift Replacement (7) (Maint Facility)	179,115		179,115	1,401,491		1,401,491									
DOT-TRANSIT	WT11001	Glass Panel Wall Replacement-Transit Admin Bldg										175,000		175,000			
DOT-TRANSIT	WT11101	Concrete Yard Replacement (KK Garage site)	135,098		135,098	1,057,081		1,057,081									
DOT-TRANSIT	WT11301	Garage Door System (Transit Garages/Maint Fclty)										750,000		750,000			
DOT-TRANSIT	WT11401	Lighting Improvements (FDL Garage)				750,000		750,000									
DOT-TRANSIT	WT11501	Lighting Improvements (KK Garage)				750,000		750,000									
DOT-TRANSIT	WT11601	Bus Lift Decking Replacement (FDL Garage)										200,000		200,000			
DOT-TRANSIT	WT05901	MCTS Admin Building Lighting Upgrades				750,000		750,000									
DOT-TRANSIT	WT08001	MCTS Fleet Maintenance Lighting Upgrades							750,000		750,000						
DOT-TRANSIT	WT06101	Interior Painting (FDL Garage)										275,000		275,000			
DOT-TRANSIT	WT11801	Bus Lift Replacement 3 - 4 (KK Garage)							500,000		500,000						
DOT-TRANSIT	WT11901	Bus Lift Replacement 5 - 6 (KK Garage)							500,000		500,000						
DOT-TRANSIT	WT12001	Bus Lift Replacement 7 - 9 (KK Garage)							500,000		500,000						
DOT-TRANSIT	WT12201	Bus Maintenance Pit Replacements (FDL Garage)				2,000,000		2,000,000									
DOT-TRANSIT	WT12601	BEB Infrastructure - Full Fleet Replacement	1,700,000		1,700,000												
DOT-TRANSIT	WT12701	Battery Electric Buses - Placeholder (30/yr)				25,500,000		25,500,000	25,500,000		25,500,000	25,500,000		25,500,000	25,500,000		25,500,000
DOT-TRANSIT	WT12801	Concrete Yard Replacement (KK Garage off-site)				1,000,000		1,000,000									
DOT-TRANSIT	WT12901	KK Bus Storage Building Sprinkler Upgrades										1,361,079		1,361,079			
DOT-TRANSIT	WT13001	KK Bus Storage Building Natural Gas System Upgrades										524,423		524,423			
DOT-TRANSIT	WT13101	KK Maintenance Bldg fire alarm system upgrades										115,986		115,986			

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

		All Depts County-Wide	2020 - BUDGET			2021			2022			2023			2024		
DEPT	Project	Project Description	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DOT-TRANSIT	WT13201	KK Maintenance Bldg sprinkler upgrades										403,038		403,038			
DOT-TRANSIT	WT13301	KK Maintenance Bldg natural gas upgrades										155,291		155,291			
DOT-TRANSIT	WT13401	KK Maintenance Bldg air compressors										117,111		117,111			
DOT-TRANSIT	WT13501	KK Maintenance Bldg water distribution renewal										229,452		229,452			
DOT-TRANSIT	WT13701	KK Maintenance Bldg Electrical Systems Upgrades	42,037		42,037	328,887		328,887									
DOT-TRANSIT	WT13801	KK Bus Storage Building Sound and PA system				114,386		114,386									
DOT-TRANSIT	WT13901	KK Bus Storage Building hot water heater renewal				294,026		294,026									
DOT-TRANSIT	WT14101	KK Washhouse Bldg Exhaust System Renewal	31,237		31,237	244,416		244,416									
ME	WO26501	Medical Examiner Case Management Software				228,800		228,800									
ME	WO32701	Kodachrome Slides Digital Conversion				237,075		237,075									
ME	WO54001	Tandem Quadrupole Mass Spectrometer				475,000		475,000									
MC HIST SCTY	WO13401	Trimborn Farm Bunkhouse Restoration				102,536		102,536	802,280		802,280						
MC HIST SCTY	WO13601	Trimborn Farm Stone Barn Roof				395,183		395,183									
MPM	WM00903	West 3rd Floor Roof Replacement							459,620		459,620						
MPM	WM01003	Green House Freight Elevator							291,000		291,000						
MPM	WM01004	Passenger Elevator Modernization							1,508,000		1,508,000						
MPM	WM01501	Museum Exterior Window Replacement (East)				580,000		580,000									
MPM	WM04201	Museum Exterior Window Replacement (West)				580,500		580,500									
MPM	WM01601	Museum Façade Repair (East)				450,000		450,000									
MPM	WM04301	Museum Façade Repair (West)				450,000		450,000									
MPM	WM02001	MPM VAV Upgrade to AHU 403, AHU 405 & AHU 601				477,363		477,363	3,735,229		3,735,229						
MPM	WM02101	MPM Upgrade AHU level Controls to DDC				813,479		813,479									
MPM	WM03201	MPM IS Server Room Infrastructure							275,000		275,000						
MPM	WM03301	MPM Greenhouse Roof Structure										350,000		350,000			
MPM	WM03401	MPM Pan Museum Fire Suppressions and Separations										3,500,000		3,500,000			
MPM	WM03501	New Passenger Elevator							2,035,269		2,035,269						
MPM	WM03601	Air Handling Unit Frequency Drive Replacement				355,269		355,269									
MPM	WM03801	MPM Technology Infrastructure Replacement				600,000		600,000									
MPM	WM03901	MPM Fire Panel Replacement															
MPM	WM04001	MPM Analog Camera Replacement with Digital				1,120,457		1,120,457									
MPM	WM04401	MPM Fresh Air Tunnel Modernization										800,000		800,000			
MPM	WM04501	MPM HVAC - Bird/Mammal Replacement										300,000		300,000			
MPM	WM04601	MPM Loading Dock and Overhead Door Replacement													400,000		400,000
MPM	WM04701	MPM High Pressure Steam Line Replacement													400,000		400,000
MPM	WM04801	MPM Loading Dock Exterior Facade										500,000		500,000	500,000		500,000
MPM	WM04901	MPM-4th Floor Roof Replacement	754,806		754,806												
MPM	WM05101	MPM-North Stairwell Structural Wall Repair	79,125		79,125	300,000		300,000									
MPM	WM05301	MPM-300 Ton Chiller Replacement	849,710		849,710												
OAAA	WO29401	Repository-Community Engagement System				150,000		150,000									
OAAA	WO29501	Legislative-Policy Management System				150,000		150,000									
OAAA	W054501	Racial Equity Repository				150,000		150,000									
EMERGENCY MNGT	WO26901	Mechanical CPR Devices				810,000		810,000									
EMERGENCY MNGT	WO27001	700MHz Back-Up Radio System (County)-Phase 1				750,500		750,500									
EMERGENCY MNGT	WO27301	Cardiac Monitors	1,125,000		1,125,000												
EMERGENCY MNGT	WO49801	800MHz Doppler System				150,000		150,000									
EMERGENCY MNGT	WO29201	700MHz Back-Up Radio System (County)-Phase 2				775,000		775,000									
EMERGENCY MNGT	WO33901	Tornado Sirens							1,500,000		1,500,000						
EMERGENCY MNGT	WO30301	Public Safety Data Interoperability	319,400		319,400												
EMERGENCY MNGT	WO54801	OEM 911 CAD Replacement				2,389,601		2,389,601									
SHERIFF	WC10601	CJF Dirty Linen Receiving Area															
SHERIFF	WC10701	CJF Booking Room and Tower Remodeling															
SHERIFF	WC10801	CJF Sally Port Doors Replacement	229,066		229,066												
SHERIFF	WO16901	Training Academy Roof Repairs							230,000		230,000						
SHERIFF	WO17001	Training Academy Tactical House				453,000		453,000									
SHERIFF	WO44901	Automated License Plate Readers				324,797		324,797									
SHERIFF	WO46901	PSB Fast ID Remote Booking (30 Units)							180,000		180,000						
SHERIFF	WO47001	CJF- Instant Full Body Scan Machine															
SHERIFF	WO47101	CJF Key Watcher System															
SHERIFF	WO47801	Sheriff PSB CID Computer Hardware/Software				100,000		100,000									
SHERIFF	WO47901	CJF Kitchen Upgrades				99,226		99,226	700,000		700,000						
SHERIFF	WO48001	CJF Jail Records Area Remodeling															
SHERIFF	WO48101	CJF Roof Antenna Installation															
SHERIFF	WO48201	CJF Housing Video System															
SHERIFF	WO48301	CJF Pneumatic Tube System Repairs															
SHERIFF	WO48501	CJF Pod 4D Renovations				150,000		150,000									
SHERIFF	WO48801	CJF Secure Doors in Dock Area															
SHERIFF	WO49201	Sheriff PSB Predictive Analytics										100,000		100,000			
SHERIFF	WO87901	Training Academy Security Improvement				429,980		429,980									
SHERIFF	WC14001	CJF Pod 4B Food Chutes	174,227		174,227												
SHERIFF	WO16801	Training Academy HVAC-Plumbing Replacements				125,178		125,178									
SHERIFF	WO17901	MCSO Voice Analytics	151,400		151,400												
SHERIFF	WO49101	Lakefront Cameras & Video Analytics				256,835		256,835									
SHERIFF	WO27601	Sheriff Radio Replacement Placeholder				500,000		500,000	500,000		500,000	500,000		500,000	500,000		500,000
SHERIFF	WO27701	Sheriff Radio Replacement-2020															
SHERIFF	WO27401	CJF Electronically Controlled Toilets															

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

		All Depts County-Wide	2020 - BUDGET			2021			2022			2023			2024		
DEPT	Project	Project Description	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
SHERIFF	WO20001	Training Academy Parking Lot Replacement	171,527		171,527	1,342,148		1,342,148									
SHERIFF	WC03001	Courts Videoconferencing													1,121,498		1,121,498
SHERIFF	WO28701	Sheriff Arbitrator Replacements-2020															
SHERIFF	WO29601	Sheriff Arbitrator Replacements-Plan Plchldr															
SHERIFF	WO28901	CJF Intercoms and Door Controls Replacement	2,200,000		2,200,000												
SHERIFF	WO29301	Sheriff Foreclosure Sale & Posting Solution				166,800		166,800									
SHERIFF	WO63801	CCFC Camera System-Phase 3				606,547		606,547									
SHERIFF	WO55001	Sheriff Squad Car Technology Equipment-2020				186,192		186,192									
SHERIFF	WO54401	MER Fire Suppression Replacement	269,425		269,425												
SHERIFF	WO55301	Sheriff Squad Car Technology Equipment-Plchldr				200,000		200,000	200,000		200,000	200,000		200,000	200,000		200,000
PARKS	WP20301	Kosciuszko Community Center HVAC				2,316,919		2,316,919									
PARKS	WP54601	Parks Bridge Inventory and Assessment	129,245		129,245												
PARKS	WP68801	McKinley Parking Lots - Phase 2	512,662		512,662	4,011,455		4,011,455									
PARKS	WP55801	McKinley Marina Parking Lots Pln Plchld				2,150,000		2,150,000	954,800		954,800	906,000		906,000	1,486,800		1,486,800
PARKS	WP49401	McKinley Marina Parking Lot Replacement (E-K)				132,000		132,000	1,320,000		1,320,000	1,000,000		1,000,000			
PARKS	WP53801	Root River Pkwy Recnstrc Pkwy-92nd and Parking Lot				1,541,956		1,541,956									
PARKS	WP49801	Underwood Creek Pkwy Rd Rplcmnt-Bluemound to 119th				1,323,846		1,323,846									
PARKS	WP67801	Wehr Connection to Municipal Water				211,253		211,253									
PARKS	WP32001	North Point Parking Lot	173,046		173,046	1,326,060		1,326,060									
PARKS	WP54501	Whitnall Golf Course Irrigation							264,700		264,700	2,071,193		2,071,193	1,035,596		1,035,596
PARKS	WP54901	Parks Bender Safe Harbor Sedimentation Abatement				890,338		890,338	7,434,619		7,434,619						
PARKS	WP05046	Lincoln Park Baseball Lighting				595,103		595,103									
PARKS	WP54301	Parks ADA Inventory and Assessment				250,798		250,798									
PARKS	WP55101	Pulaski Park Pavilion Exterior Improvements				557,897		557,897									
PARKS	WP54201	Sheridan Dressing Yard Replacement				53,154		53,154	415,900		415,900						
PARKS	WP41301	Greenfield Park Shelter RR #5 Replacement				138,614		138,614	1,084,591		1,084,591						
PARKS	WP62601	Cool Waters Overflow Parking Lot							102,069		102,069	798,632		798,632			
PARKS	WP62501	Dretzka Park-Lighting, Stormwater, Parking Imprv	142,107		142,107	1,084,421		1,084,421									
PARKS	WP53901	Root River Pkwy Recnstrc-Lncln to Clvlnd (east)				203,707		203,707	1,593,920		1,593,920						
PARKS	WP54001	Root River Pkwy Recnstrc-124th to Clvlnd (west)				136,255		136,255	1,066,134		1,066,134						
PARKS	WP53401	Rainbow Park Playground Replacement				291,984		291,984									
PARKS	WP53501	Pulaski-Cudahy Park Playground Replacement				291,984		291,984									
PARKS	WP53601	Mitchell Airport Park Playground Replacement				291,984		291,984									
PARKS	WP54101	Replace Pool Filter Systems-Humboldt, Jacobus, and Alcott							210,000		210,000						
PARKS	WP42501	Playground Resurface - Hoyt, Gordon, Cool Waters				379,791		379,791									
PARKS	WP52301	Lake Park Steel Arch Bridge	117,023		117,023	915,654		915,654									
PARKS	WP34401	Replace Incandescent with HPS							113,112		113,112	885,044		885,044			
PARKS	WP55301	Mitchell Park Conservatory Planning															
PARKS	WP42001	Tennis Courts-Planning Placeholder															
PARKS	WP40801	Basketball Courts-Planning Placeholder															
PARKS	WP69101	Furnace and Boiler Replacement Pln Plchdr															
PARKS	WP40301	Baseball Fields-Planning Placeholder															
PARKS	WP55901	Mitchell Park Conservatory															
PARKS	WP56301	KK Sports Parking Lot Replacement										19,000		19,000	190,000		190,000
PARKS	WP32201	Currie Golf Parking Lot and Road										100,000		100,000	1,000,000		1,000,000
PARKS	WP52601	Washington Park Drive Reconstruction										76,000		76,000	760,000		760,000
PARKS	WP56401	Wilson Recreation Roof Replacement													500,000		500,000
PARKS	WP56501	Center Street Pavilion Restroom Renovation													300,000		300,000
PARKS	WP56601	Dineen Boathouse Parking Lot Replacement										33,000		33,000	330,000		330,000
PARKS	WP52701	Honey Creek Pkwy Reconstruction										132,000		132,000	1,320,000		1,320,000
PARKS	WP52801	Grant Park Pavement Replacement										203,000		203,000	2,030,000		2,030,000
PARKS	WP56701	OLT Replacement - Cupertino b/t SS marina and Russell										11,880		11,880	118,800		118,800
PARKS	WP56801	OLT Replacement Warnimont b/t Pulaski and College										71,280		71,280	712,800		712,800
PARKS	WP57001	Wilson Rec Cntr Srvce Rd-Main Parking lot-S 20th St										40,000		40,000	400,000		400,000
PARKS	WP57101	Milwaukee River Pkwy Rd Rplcmnt-Hampton-Silver Spring										226,000		226,000	2,260,000		2,260,000
PARKS	WP09801	McGovern Parking Lot Replacement										35,000		35,000	350,000		350,000
PARKS	WP57201	Wilson Recreation HVAC Replacement										350,000		350,000	3,500,000		3,500,000
PARKS	WP57301	Estabrook Service Public Restroom Renovation													300,000		300,000
PARKS	WP57401	Washington Parking Lot near service building Replacement										64,000		64,000	640,000		640,000
PARKS	WP32501	Dineen Parking Lot b/t Splash Pad and Svc Yard										55,000		55,000	550,000		550,000
PARKS	WP57501	Estabrook Central (west of drive) Parking Lot Replacement										69,000		69,000	690,000		690,000
PARKS	WP57601	Sports Complex HVAC Replacement										200,000		200,000	2,000,000		2,000,000
PARKS	WP57701	Warnimont Road Replacement - Road to Golf Course										19,000		19,000	190,000		190,000
PARKS	WP57801	Grant Service Employee Restroom Renovation													300,000		300,000
PARKS	WP57901	Sports Complex Road Replacement - Ryan Rd to Complex										37,000		37,000	370,000		370,000
PARKS	WP58001	Root River Picnic Area 2-2a Parking Lot Replacement										19,000		19,000	190,000		190,000
PARKS	WP58101	Wisconsin Avenue Parking Lot Replacement										64,000		64,000	640,000		640,000
PARKS	WP58201	Zablocki Parking Lot Replacement										28,000		28,000	280,000		280,000
PARKS	WP41901	Greenfield Park Shelter #3 RR Replacement										100,000		100,000	1,000,000		1,000,000
PARKS	WP58301	Estabrook South (east of drive) Parking Lot Replacement										26,000		26,000	260,000		260,000
PARKS	WP58401	Greenfield Picnic Areas 5 and 1 Parking Lot Replacement										30,000		30,000	300,000		300,000
PARKS	WP58501	Grantosa Pkwy Road Replacement Hwy 100 to Capitol										132,000		132,000	1,320,000		1,320,000
PARKS	WP58601	Lake Locust St Parking Area Elimination										10,000		10,000	100,000		100,000
PARKS	WP58701	Scout Lake Parking Lot Replacement										33,000		33,000	330,000		330,000
PARKS	WP58801	Washington Bandshell Parking Lot Replacement										15,000		15,000	150,000		150,000

5-Year Capital Improvement Plan by County/Non-County Funding - All Departmentas (a)

		All Depts County-Wide	2020 - BUDGET			2021			2022			2023			2024		
DEPT	Project	Project Description	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
PARKS	WP58901	Whitnall Park Rd Rplcmnt-Whitnall Way and 92nd St										69,000		69,000	690,000		690,000
PARKS	WP59001	Whitnall Park Rd Rplcmnt-Play Area to Lilac Ln										47,000		47,000	470,000		470,000
PARKS	WP59101	Whitnall Park Rd Rplcmnt-W Spur to 108th & Whitnall Way										50,000		50,000	500,000		500,000
PARKS	WP59201	Doyne Parking Lot Replacement (reduce size)										43,000		43,000	430,000		430,000
PARKS	WP59301	Menomonee River Pkwy Road Replacement 60th to 70th										136,000		136,000	1,360,000		1,360,000
PARKS	WP49901	Root River Pkwy Reconstrc-Planning Placeholder										322,000		322,000	3,220,000		3,220,000
PARKS	WP59401	Noyes Indoor Pool Restroom Renovation													500,000		500,000
PARKS	WP59501	Pulaski Milw Indoor Pool Restroom Renovation													500,000		500,000
PARKS	WP59601	Greenfield Service Roof Replacement													50,000		50,000
PARKS	WP59801	Dretzka Park Lighting Replacement													300,000		300,000
PARKS	WP59901	Root River 1-1a Roof Replacement													50,000		50,000
PARKS	WP68701	Brown Deer Park Driving Range				371,000		371,000									
PARKS	WP63301	Hales Corners Wading Pool Rehabilitation													250,000		250,000
PARKS	WP63401	Scout Lake Roof Replacement													100,000		100,000
PARKS	WP63501	Cooper Playground Replacement													275,000		275,000
PARKS	WP63601	Jackson Playground Replacement													275,000		275,000
PARKS	WP63701	Rose Playground Replacement	291,984		291,984												
PARKS	WP63801	Kops Playground Replacement													275,000		275,000
PARKS	WP63901	Root River Lighting Replacement - Lincoln to National													400,000		400,000
PARKS	WP41401	Parks Walkways-Planning Placeholder							500,000		500,000				500,000		500,000
PARKS	WP09601	Storm Sewers Outfall Reconstruct-Planning Placeholder							250,000		250,000				250,000		250,000
PARKS	WP64001	Security System Placeholder							100,000		100,000				100,000		100,000
PARKS	WP09301	Pool Filter Replacement Program-Planning Placeholder							200,000		200,000				200,000		200,000
PARKS	WP09401	Pool Dressing Yard Replacements-Planning Placeholder															
PARKS	WP09501	Parks ADA Access Improvement - Plan Placeholder							250,000		250,000				250,000		250,000
PARKS	WP41601	Parks Electrcl Srvc Replace-Planning Placeholder							500,000		500,000				500,000		500,000
PARKS	WP41701	Parks HVAC Replacement-Planning Placeholder							200,000		200,000				200,000		200,000
PARKS	WP09701	Streambank Stabilization Program-Planning Placeholder							300,000		300,000				300,000		300,000
PARKS	WP42301	Parks Building Demolition-Planning Placeholder							150,000		150,000				150,000		150,000
PARKS	WP64101	Beach Accessibility Placeholder															
PARKS	WP42201	Parks Restroom Renovations-Planning Placeholder															
PARKS	WP42101	Roof Replacement Program-Planning Placeholder															
PARKS	WP06201	Golf Course Improvements-Planning Placeholder															
PARKS	WP26701	Oak Leaf Trail Program-Planning Placeholder															
PARKS	WP09201	Playground Replacement Prgm-Planning Placeholder															
PARKS	WP64201	Wifi Installation Placeholder							100,000		100,000						
PARKS	WP64301	Kletszch Upper Pavilion Restroom Reno and Roof Rplcmnt				500,000		500,000									
PARKS	WP64401	Lincoln Golf Parking Lot Replacement				42,000		42,000	420,000		420,000						
PARKS	WP51701	Noyes Park Hard Surfaces										80,000		80,000	800,000		800,000
PARKS	WP64501	OLT Replacement Good Hope to Calumet				23,760		23,760	237,600		237,600						
PARKS	WP62101	Holler Park Hard Surfaces				52,000		52,000	468,000		468,000						
PARKS	WP41501	Falk - Parking Lot				15,000		15,000	150,000		150,000						
PARKS	WP09101	Bender Park Road to Boat Launch Replacement				87,000		87,000	870,000		870,000						
PARKS	WP64601	Brown Deer Clubhouse Window Replacement				100,000		100,000									
PARKS	WP64701	Cudahy Nature Wall Removal and Roof Replacement				100,000		100,000									
PARKS	WP68201	Whitnall Clubhouse HVAC Replcmnt & Kitchen Remodel				906,600		906,600									
PARKS	WP37301	Underwood Creek Multi-Use Trail (100th to 115th)				24,000		24,000	240,000		240,000						
PARKS	WP34201	Brown Deer Cross Country Trail Bridge				100,000		100,000	500,000		500,000	500,000		500,000			
PARKS	WP42601	Restroom Ventilation Rplmnt-Planning Placeholder															
PARKS	WP37201	McKinley Park Flushing Channel	440,447		440,447	3,446,389		3,446,389									
PARKS	WP30201	Playground Resurfacing Prgm-Planning Placeholder															
PARKS	WP64801	Estabrook Dam Parking Lot Elimination				17,000		17,000	170,000		170,000						
PARKS	WP64901	Brown Deer Boathouse Lower Restroom Renovation				300,000		300,000									
PARKS	WP65001	Grant Clubhouse Trim and Siding Replacement				120,000		120,000									
PARKS	WP65101	Kosciuszko Gym Roof Replacement										200,000		200,000			
PARKS	WP65201	Warnimont Clubhouse Roof Replacement				30,000		30,000									
PARKS	WP65401	Grant 3 Playground Replacement				275,000		275,000									
PARKS	WP55501	Amphibian Exclusion Barrier (Falk Park)				139,974		139,974									
PARKS	WP65501	Humboldt Pavilion HVAC Replacement				80,000		80,000	800,000		800,000						
PARKS	WP65601	Lincoln Blatz - new AC and upgrade Electrical				300,000		300,000									
PARKS	WP36701	Cool Waters Aquatic Center Runout Slide							120,000		120,000	1,200,000		1,200,000			
PARKS	WP65801	Currie Golf Cart Paths							500,000		500,000	500,000		500,000			
PARKS	WP65901	Dineen Park Playground Replacement							275,000		275,000						
PARKS	WP66001	Dretzka Chalet Parking Lot Replacement (reduce size)							69,000		69,000	690,000		690,000			
PARKS	WP66101	Grobschmidt Bathhouse Roof Replacement										125,000		125,000			
PARKS	WP66201	KK-Sports Restroom Renovation							300,000		300,000						
PARKS	WP66301	Kosciuszko Playground Replacement #1 (Aquatic Center)										180,000		180,000			
PARKS	WP66401	Lake Michigan Shoreline Stabilization - Sheridan Park										5,000,000		5,000,000			
PARKS	WP41801	Lincoln Park Walkways							120,000		120,000	1,200,000		1,200,000			
PARKS	WP66501	Lincoln South Parking Lot Replacement							50,000		50,000	500,000		500,000			
PARKS	WP47301	Little Mnmne River Pkwy Rd Rplcmnt-Appleton-Leon Trce							170,000		170,000	1,700,000		1,700,000			
PARKS	WP66601	Lyons Playground Replacement										275,000		275,000			
PARKS	WP66701	McCarty Pavilion Roof Replacement							100,000		100,000						
PARKS	WP66801	Mitchell Blvd Playground Replacement										275,000		275,000			
PARKS	WP66901	Mitchell Lagoon Pavilion Restroom Renovation										300,000		300,000			

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

		All Depts County-Wide	2020 - BUDGET			2021			2022			2023			2024		
DEPT	Project	Project Description	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
PARKS	WP67001	Noyes Indoor Pool Clerestory Window Replacement							200,000		200,000						
PARKS	WP67101	Oakwood Clubhouse HVAC Replacement							50,000		50,000	500,000		500,000			
PARKS	WP67201	Pulaski Indoor Pool Clerestory Window Replacement							200,000		200,000						
PARKS	WP67301	Tippecanoe Playground Replacement							275,000		275,000						
PARKS	WP67401	Underwood Creek Pkwy Rd Rplcmnt-Roundabout to Swan							340,000		340,000	3,400,000		3,400,000			
PARKS	WP67501	Warnimont Clubhouse Restroom Renovation										300,000		300,000			
PARKS	WP67601	Warnimont Golf Irrigation										500,000		500,000			
PARKS	WP67701	Wedgewood Wading Pool Rehabilitation							275,000		275,000						
PARKS	WP68001	Wisconsin Avenue Playground Replacement										275,000		275,000			
PARKS	WP68101	Zablocki Golf Restroom Renovation										300,000		300,000			
PARKS	WP69301	Park Pedestrian Bridge Rplcmnt Plan Plchdr				100,000		100,000									
PARKS	WP69201	KK Simmons Parking Lot Replacement										46,000		46,000	460,000		460,000
PARKS	WP69401	Oak Creek Parkway – S Mke Mill Pond Dam				278,827		278,827									
PARKS	WP69501	Washington Park Bridge Replacements							100,099		100,099	783,247		783,247			
PARKS	WP69901	Grant Park Campground Complex				184,257		184,257	1,653,225		1,653,225						
PARKS	WP70001	Kosciuszko Community Center Facility Study	199,646		199,646												
PARKS	WP70101	Grant Park North Access Roads/Parking Lots-2020	113,504		113,504	888,130		888,130									
PARKS	WP70201	McKinley – Veterans Parks Seawall	202,212		202,212	1,582,272		1,582,272									
PARKS	WP70301	King Park Skate Shelter-Eliminate High Voltage	144,009		144,009	1,126,811		1,126,811									
PARKS	WP62802	Brown Deer Park Roadway Phase 2	4,287,856		4,287,856												
PARKS	WP70401	Honey Creek Bridge Repair-St. Anne Ct -Bluemound	158,654		158,654												
PARKS	WP70501	Cool Waters Heaters				250,000		250,000									
PARKS	WP70601	South Shore Breakwater				250,000		250,000									
PARKS	WP70701	Old Loomis Road – 76th to OLT				500,000		500,000									
PARKS	WP70801	Noyes Pool Planning				200,000		200,000									
PARKS	WP70901	Dog Park Planning Placeholder				200,000		200,000									
PARKS	WP29005	KK PARKWAY 43RD TO 51ST							704,167		704,167						
PARKS	WP29006	KK PK JACKSON PK 58TH TO CLEVE							1,243,333		1,243,333						
PARKS	WP29004	KINNICKINNIC PARKWAY PHASE 4													270,000		270,000
PARKS	WP29007	KK PARKWAY S.29TH TO S. 31ST										252,500		252,500			
PARKS	WP71001	Indigenous Peoples' Park	291,984		291,984												
PARKS	WP71101	Washington Playground Replacement #2	291,984		291,984												
PARKS	WP71201	South Shore Park Pavilion - North Yard Imprvmnts	50,000		50,000	512,000		512,000									
WMC	WO52401	Veterans Gallery Windows							300,000		300,000						
WMC	WO53501	WMC North lot and greenprint construction	800,000		800,000												
ZOO	WZ14101	Zoo Adventure Africa-Rhinos Exhibit	451,050	451,050	902,100	5,000,000	5,000,000	10,000,000									
ZOO	WZ17001	Alaska's Cold Coast													500,000	500,000	1,000,000
ZOO	WZ17101	Farm Walk-about & Site Improvements															
ZOO	WZ13501	Zoo Aquatic & Reptile Center Structural Repairs	37,211		37,211	291,147		291,147									
ZOO	WZ16001	Zoo Admin Bdlg Roof Replacement	311,334		311,334												
ZOO	WZ17401	Zoo Front Entrance-Admissions Reconfiguration							200,000		200,000	2,400,000		2,400,000			
ZOO	WZ17501	Zoo Front Entrance-Penguins Exhibit							200,000		200,000	500,000		500,000			
ZOO	WZ17601	Zoo Aviary Air Conditioning	355,586		355,586												
ZOO	WZ17701	Zoo Parking Lot #4-Repavement	130,711		130,711	1,022,749		1,022,749									
ZOO	WZ17901	Adventure Africa - Elephants - Pool Filtration System				600,000	600,000	1,200,000									
ZOO	WZ18001	Family Farm Splash Pad							695,000	695,000	1,390,000						
ZOO	WZ17801	Zoo Radio Replacements-2020	118,107		118,107												
ZOO	WZ18101	Repaving Picnic area to Giraffe Building													600,000		600,000
DOT-TRNS SRV	WH09701	E. North Ave Bridge over Oak Leaf Bike Trail				217,938	871,752	1,089,690									
DOT-TRNS SRV	WH09801	S. 76th St. Bridge over Loomis Rd.	92,588	147,412	240,000				242,945	971,780	1,214,725						
DOT-TRNS SRV	WH10001	S. 13th St. Bridge over Oak Creek							34,000	136,000	170,000						
DOT-TRNS SRV	WH10101	N. Oakland Ave. Bridge over Oak Leaf Bike Trail							26,000	104,000	130,000	26,000	104,000	130,000	300,000	1,200,000	1,500,000
DOT-TRNS SRV	WH10201	S. 76th St. Bridge over W. Forest Home Ave.							34,000	136,000	170,000						
DOT-TRNS SRV	WH10301	W. Good Hope Rd. #374 over Milwaukee River							35,000	140,000	175,000				200,000	800,000	1,000,000
DOT-TRNS SRV	WH10401	W. Good Hope Rd. #375 over Milwaukee River							35,000	140,000	175,000				200,000	800,000	1,000,000
DOT-TRNS SRV	WH24001	W Rawson (CTH BB) USH 45 to Hawthorne Ln	2,107,000	793,000	2,900,000												
DOT-TRNS SRV	WH11001	W Beloit Rd (CTH T)-S 124th St to S Wollmer Rd	450,000		450,000	100,000		100,000	2,192,008	807,992	3,000,000						
DOT-TRNS SRV	WH11101	W Forest Home Ave (CTHOO)-Hi-View Dr to S N Cape				375,000		375,000	115,000		115,000	2,658,646	1,531,354	4,190,000			
DOT-TRNS SRV	WH11201	W Good Hope Rd Bridge Replacement (B-40-0370)							255,766	1,023,064	1,278,830						
DOT-TRNS SRV	WH11301	W. Hampton Ave. Bridge P-40-0750 Rehabilitation							163,756	655,022	818,778						
DOT-TRNS SRV	WH11401	Mill Rd Bridge B-40-0936 Rehabilitation				155,458	621,832	777,290									
DOT-TRNS SRV	WH11501	Signal Upgrades for Improved Efficiency-Mobility				200,000		200,000									
DOT-TRNS SRV	WH11701	Signals CTH PP (Good Hope Rd)-99th St - 60th St	11,061	99,539	110,600	21,061	99,539	120,600				75,495	633,605	709,100			
DOT-TRNS SRV	WH11801	Signals CTH PP (Good Hope Rd)-CTH W (Prt Wsh Rd)	23,773	123,627	147,400	23,773	123,627	147,400	87,437	786,936	874,373						
DOT-TRNS SRV	WH12101	N Pr Wash Rd (CTH W)-W Larmie Rd to Cnty Line Rd													240,000		240,000
DOT-TRNS SRV	WH12201	W Hampton Ave. (CTH EE)-N 76th St to N 60th St													527,500		527,500
DOT-TRNS SRV	WH12301	W Rawson Ave (CTH BB)- S North Cape Rd to USH 45													132,000		132,000
DOT-TRNS SRV	WH12401	S 13th St (CTH V)-W County Line Rd to W Ryan Rd													460,000		460,000
DOT-TRNS SRV	WH12501	W Good Hope Rd Bridge (EB)-Milw River B-40-0372													100,000		100,000
DOT-TRNS SRV	WH12601	W Good Hope Rd Bridge (WB)-Milw River B-40-0373													100,000		100,000
DOT-TRNS SRV	WH12701	E Mason St Bridge-Lincoln Memorial Dr B-40-0524										300,000		300,000	300,000		300,000
DOT-TRNS SRV	WH12801	Union Pacific RR Bridge-Oak CrkParkway P-40-0571													150,000		150,000
DOT-TRNS SRV	WH12901	Swan Blvd Bridge over Menomonee River B-40-0511										175,000		175,000	175,000		175,000
DOT-TRNS SRV	WH11601	S 76th St Bridge B-40-0573 (NB) over Loomis Rd	80,540	119,460	200,000				236,861	947,444	1,184,305						
DOT-TRNS SRV	WH01006	Reconstruct CTH "Y" Layton Avenue 27th to 43rd	360,000		360,000	3,388,646	1,211,354	4,600,000									

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

		All Depts County-Wide	2020 - BUDGET			2021			2022			2023			2024		
DEPT	Project	Project Description	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DOT-TRNS SRV	WH01014	N. Pt. Washington Rd.: Daphne to Good Hope										210,000		210,000	210,000		210,000
DOT-TRNS SRV	WH01022	Reconstruct, S. 13th St. Puetz to Drexel	106,000	424,000	530,000	106,000	424,000	530,000				1,048,000	4,192,000	5,240,000			
DOT-TRNS SRV	WH01023	Reconstruct, S. 76th St., County Line to Puetz				100,000	400,000	500,000	188,000	752,000	940,000	188,000	752,000	940,000	1,840,000	7,360,000	9,200,000
DOT-TRNS SRV	WH03014	W. Vienna Ave. - Menomonee River #771															
DOT-TRNS SRV	WH10601	Short Term CTH Rehabilitation-Planning Placeholder				500,000		500,000	500,000		500,000	500,000		500,000	500,000		500,000
DOT-TRNS SRV	WH09501	W Rawson Ave- S. 27th St to S. 20th St.				628,000	2,472,000	3,100,000									
DOT-TRNS SRV	WH09601	S.13th St.- W. Ryan Rd to W. Puetz Rd.										92,000	368,000	460,000	192,000	768,000	960,000
		Total Funding by YEAR:	**$87,526,804**	**$3,462,857**	**$90,989,661**	**$207,552,325**	**$41,126,720**	**$248,679,045**	**$157,017,430**	**$35,822,675**	**$192,840,105**	**$312,644,241**	**$47,410,564**	**$360,054,805**	**$119,998,548**	**$26,227,161**	**$146,225,709**
		Total Projects by YEAR:	**87**			**215**			**139**			**146**			**117**		

The Table (a) above reflects the 2020 BUDGET appropriations while 2021 - 2024 Capital Improvement Plan Years. Appropriations have only been made for the 2020 BUDGET year. Any 2020 REQ Projects NOT included in the 2020 BUDGET are rolled to 2021.