MILWAUKEE COUNTY

David Crowley, County Executive

2021 RECOMMENDED CAPITAL BUDGET

MILWAUKEE

INCORPORATED
1835

COUNTY

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Milwaukee County
2021 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, C	WH010	WH01006	Reconstruct CTH "Y" Layton Avenue 27th to 43rd	6,200,000	4,688,646					4,688,646	1,511,354		1,211,354	300,000	
O, C	WH095	WH09501	W Rawson Ave- S. 27th St to S. 20th St.	3,100,000	628,000					628,000	2,472,000	2,472,000			
O, C	WH097	WH09701	E. North Ave Bridge over Oak Leaf Bike Trail	1,089,690	217,938					217,938	871,752		871,752		
O, C	WH110	WH11001	W Beloit Rd (CTH T)-S 124th St to S Wollmer Rd	100,000	100,000					100,000					
O, C	WH111	WH11101	W Forest Home Ave (CTHOO)-Hi-View Dr to S N Cape	375,000	375,000					375,000					
O, C	WH117	WH11701	Signals CTH PP (Good Hope Rd)-99th St & 60th St	120,600	21,061					21,061	99,539	99,539			
O, C	WH118	WH11801	Signals CTH PP (Good Hope Rd)-CTH W (Prt Wsh Rd)	147,400	23,773					23,773	123,627	123,627			
O, C	WH114	WH11401	Mill Rd Bridge B-40-0936 Rehabilitation	777,290	155,458					155,458	621,832		621,832		
O, C	WH247	WH24701	Reconstruct CTH BB - S. 13th St to S Howell Ave	275,000	55,000					55,000	220,000	220,000			
			Total Highway	**12,184,980**	**6,264,876**					**6,264,876**	**5,920,104**	**2,915,166**	**2,704,938**	**300,000**	
			Mass Transit												
O	WT109	WT10901	Bus Lift Replacement (7) (Maint Facility)	2,368,856	2,368,856					2,368,856					
O	WT106	WT10601	Bus Lift Replacement (2) (KK Garage)	676,829	676,829					676,829					
Z	WT128	WT12801	KK Garage Employee Parking Lot	55,497	55,497					55,497					
Z	WT148	WT14801	FDL Garage Fire Alarm and Sprinkler System Repl	2,565,721	2,565,721					2,565,721					
Z	WT149	WT14901	FDL Garage Trnspt Bldg Roof Rplcmnt	95,122	95,122					95,122					
Z	WT150	WT15001	FDL Garage Transportation Bldg-HVAC Rplcmnt	38,332	38,332					38,332					
P	WT125	WT12501	Bus Replacement Program-2021	7,000,000	7,000,000					7,000,000					
			Total Mass Transit	**12,800,357**	**12,800,357**					**12,800,357**					
			Airport												
O	WA280	WA28001	GMIA Parking Strc Replace Decorative Metal Panel	2,963,190	2,963,190				2,963,190						
O	WA299	WA29901	GMIA Taxiway A Extension	10,072,067	1,259,009				1,259,009		8,813,058	7,554,050	1,259,008		
Z	WA377	WA37701	GMIA South Maintenance Air Handling Unit	259,575	259,575				259,575						
P	WA394	WA39401	Parking Structure Repair & Major Mntnce-2021	1,465,476	1,465,476				1,465,476						
			Total Airport	**14,760,308**	**5,947,250**				**5,947,250**		**8,813,058**	**7,554,050**	**1,259,008**		
			Environmental												
Z	WV041	WV04101	Oak Creek Skate Liftstation	63,306	63,306					63,306					
Z	WV043	WV04301	Oakwood Lift Station Upgrade	93,574	93,574					93,574					
M	WV054	WV05401	County-wide Sanitary Sewers Repairs-2021	150,001	150,001	150,001									
			Total Environmental	**306,881**	**306,881**	**150,001**				**156,880**					
			Total TRANSPORTATION AND PUBLIC WORKS	**40,052,526**	**25,319,364**	**150,001**			**5,947,250**	**19,222,113**	**14,733,162**	**10,469,216**	**3,963,946**	**300,000**	
			PARKS, RECREATION AND CULTURE												
			"Parks, Recreation, & Culture"												
O	WP050	WP05046	Lincoln Park Baseball Lighting	595,104	595,104					595,104					
O	WP498	WP49801	Underwood Creek Parkway Replacement	1,623,596	1,623,596					1,623,596					
Z	WP695	WP69501	Washington Park Bridge Replacements	118,414	118,414					118,414					
Z	WP701	WP70101	Grant Park North Access Roads-Parking Lots	1,255,952	1,255,952					1,255,952					
O	WP425	WP42501	Playground Resurfacing – Phase 1	325,231	325,231					325,231					
P	WP534	WP53401	Rainbow Park Playground Replacement	278,737	278,737					278,737					
P	WP535	WP53501	Pulaski-Cudahy Park Playground Replacement	278,737	278,737					278,737					
Z	WP658	WP65801	Currie Park-Replace Parking Lot & Cart Path Impr	232,981	232,981					232,981					
Z	WP682	WP68201	Whitnall Clubhouse HVAC Rplcmnt-Kitchen Remodel	167,205	167,205					167,205					
Z	WP706	WP70601	South Shore Breakwater	1,066,471	1,066,471					1,066,471					
Z	WP707	WP70701	Old Loomis Road Reconstruction	170,000	170,000					170,000					
Z	WP718	WP71801	Mitchell Domes Mesh/Structure Inspection & Rprs	500,001	500,001	500,001									
Z	WP725	WP72501	Vogel Playground Replacement	278,737	278,737					278,737					
Z	WP726	WP72601	Lindsay Playground Replacement	278,737	278,737					278,737					
Z	WP727	WP72701	Oak Leaf Trail – Zip Line Sinkhole	689,838	689,838					689,838					
P	WP728	WP72801	Highland Park Playground-Removal/Restoration	146,447	146,447					146,447					
Z	WP729	WP72901	Boerner Garden House Boiler Replacement	105,418	105,418					105,418					
			Total "Parks, Recreation, & Culture"	**8,111,606**	**8,111,606**	**500,001**				**7,611,605**					
			Museum												
O	WM051	WM05101	MPM-North Stairwell Structural Wall Repair	375,780	375,780	375,780									
			Total Museum	**375,780**	**375,780**	**375,780**									
			Zoological Department												
Z	WZ119	WZ11901	Zoo Adventure Africa-Elephants Exhibit	4,040,071	2,020,036					2,020,036	2,020,035				2,020,035
			Total Zoological Department	**4,040,071**	**2,020,036**					**2,020,036**	**2,020,035**				**2,020,035**
			Total PARKS, RECREATION AND CULTURE	**12,527,457**	**10,507,422**	**875,781**				**9,631,641**	**2,020,035**				**2,020,035**
			HEALTH AND HUMAN SERVICES												
			Human Services												
Z	WS102	WS10201	Control Center Panel Replacement	25,895	25,895	25,895									
O	WS126	WS12601	Youth Services Admin Relocation and Tenant Imprv	4,663,816	4,663,816	900,000	3,763,816								
			Total Human Services	**4,689,711**	**4,689,711**	**925,895**	**3,763,816**								
			Total HEALTH AND HUMAN SERVICES	**4,689,711**	**4,689,711**	**925,895**	**3,763,816**								
			GENERAL GOVERNMENT												
			Courthouse Complex												
O	WC209	WC20901	Forensic Science Center-Phase 2	3,276,215	3,276,215					3,276,215					

Milwaukee County
2021 Capital Improvements Budget Summary

					Net County Contribution Toward Total Capital EXP						Net Non-County Revenue Towards Capital EXP				
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
O	WC219	WC21901	CH Complex Fire Alarm Replacement	1,823,410	1,823,410	1,823,410									
O	WC216	WC21601	CH Complex Improvements-CJF Caulking Phase 2	1,013,061	1,013,061	1,013,061									
P	WC217	WC21701	CH Complex Facade Inspect & Repair-Phase 3	132,291	132,291	132,291									
			Total Courthouse Complex	**6,244,977**	**6,244,977**	**2,968,762**				**3,276,215**					
			County Grounds												
O	WG035	WG03501	Vel Phillips Roof Replacement	2,740,376	2,740,376					2,740,376					
			Total County Grounds	**2,740,376**	**2,740,376**					**2,740,376**					
			House of Correction												
Z	WJ112	WJ11201	HOC Admin Building Roof Replacement	112,399	112,399					112,399					
			Total House of Correction	**112,399**	**112,399**					**112,399**					
			Other Agencies												
O	WO217	WO21701	Phone and Voicemail Replacement	422,025	422,025	422,025									
Z	WO485	WO48501	CJF Pod 4D Renovations	37,908	37,908	37,908									
O	WO535	WO53501	War Memorial North Parking Lot "Green" Imprvmnts	1,399,998	1,399,998					1,399,998					
Z	WO169	WO16901	Training Academy Roof Repairs	124,178	124,178					124,178					
Z	WO340	WO34001	Fleet General Equipment-2021	4,459,000	4,459,000					4,459,000					
P	WO341	WO34101	House of Correction Fleet Equipment-2021	250,000	250,000					250,000					
P	WO342	WO34201	Sheriff Fleet Equipment-2021	1,055,000	1,055,000					1,055,000					
P	WO343	WO34301	Fleet Parks Equipment-2021	2,420,000	2,420,000					2,420,000					
M	WO551	WO55101	CJIS Remediation	485,120	485,120	485,120									
Z	WO643	WO64301	War Memorial Center - Flood Mitigation	605,880	605,880					605,880					
O	WO647	WO64701	Enterprise Platform Modernization-Phase 3	1,350,000	1,350,000	1,350,000									
Z	WO654	WO65401	Security Barriers - Safety Building 6th Floor DA	41,092	41,092	41,092									
C	WO655	WO65501	WMC (Saarinen Bldg)-Switchgear Rplcmnt	459,999	200,000					200,000	259,999				259,999
C	WO889	WO88901	Pedestrian Pavement Replacement (2022)	778,675	778,675					778,675					
			Total Other Agencies	**13,888,875**	**13,628,876**	**2,336,145**				**11,292,731**	**259,999**				**259,999**
			Total GENERAL GOVERNMENT	**22,986,627**	**22,726,628**	**5,304,907**				**17,421,721**	**259,999**				**259,999**
			Grand Total 2021 Capital Improvements	**80,256,321**	**63,243,125**	**7,256,584**	**3,763,816**		**5,947,250**	**46,275,475**	**17,013,196**	**10,469,216**	**3,963,946**	**300,000**	**2,280,034**
			Total Excluding Airports	**65,496,013**	**57,295,875**	**7,256,584**	**3,763,816**		**0**	**46,275,475**	**8,200,138**	**2,915,166**	**2,704,938**	**300,000**	**2,280,034**

**VRF = Vehicle Registration Fee*

# of Projects	Project Category
2	C = Contractually Obligated. Projects by which the County has been contractually obligated (via legal instrument(s)) to provide.
2	M = Mandated. Projects that help the County meet State, Federal, Local, and/or Court-Ordered requirement or mandates.
16	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 2018. The design was completed in March of 2020. The 2021 Capital Improvements Budget includes an appropriation for the construction phase of Project X.
9	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.
9	O, C = Projects that include both Ongoing/Continuing and Contractually Obligated elements.
26	Z = All other non-categorized projects.
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2021 CAPITAL IMPROVEMENTS 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 2021) is the year in which capital projects scheduled in that particular year receive funding. Years two through five (2022 – 2025) 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 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 Committee
After the County Executive submits the Recommended Budget, the Finance Committee (FC) holds budget hearings. The review typically lasts through the month of October.[4] Departmental staff is present at the FC hearings to answers questions related to their capital project requests.

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

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

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

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

1 Per Wisconsin State Statute 59.60(2) (b), the Requested Budget Deadline is set annually by DAS Director (deadline can be no later than July 15).
2 Per Wisconsin State Statute 59.60(5), DAS Director submits a summary of the budget requests to the County Executive and County Board no later than August 15th.
3 Per Wisconsin State Statute 59.60(6) (b) & 59.17(6), County Executive submits recommended budget to the Board no later than October 1st.
4 The County Board establishes the budget hearing calendar for this committee annually.

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Capital Project Evaluation:

Quantitative and Qualitative Project Evaluation

A quantitative review of requested capital projects is provided by the CIC sub-committee. The sub-committee consists of staff from the Office of the Comptroller and the Department of Administrative Services-Office of Performance, Strategy, & Budget. This quantitative review is based upon a design first approach (discussed in the next section) and a scoring criteria matrix consisting of shared County priorities (see attachment #1 for criteria and impact details):

Capital Project Scoring Detail

CRITIERIA	IMPACT	DEPT RANKING MULTIPLIER		TOTAL MAX SCORE COMPOSITE SCORE
Safety	0,5,10	1.294	High (top 25% of Dept REQs)	
Policy/Plan	0,3	1.156	Medium (top 26% - 50% of Dept REQs)	
Net Annual Impact on Operating Costs	0,2,5	1.056	Low (bottom 25% of Dept REQs)	
Deferred Maintenance	0,3,5			
ADA/Bldg Code	0,3			56.9
Non-County Funding	0,1,2,3,4,5			
Continuing Program	0,3			
Racial Equity	0,2,3,4,5			
Building Mission	0,1,3,5			
	MAX Impact Pts.		MAX Multiplier	MAX Composite Pts.

The sub-committee provides the annual (quantitative) scoring of requested projects to the CIC for review, discussion, and consideration. It's important to note that the scoring matrix provides a measurable, general guidance based upon shared County priorities.

Qualitative factors also play a role as part of the project review. Qualitative information is provided mainly by departmental testimony and follow-up information that departments supply during CIC meetings (August) and during the County Board's review of the County Executive's Recommended Budget (October). The scoring and department testimony allow CIC members, the County Executive, and the County Board to consider each component when evaluating requested projects. ***As a result, the final adopted budget may include projects that (quantitatively) score low, but include qualitative characteristics that elected officials deem important and worthy of inclusion.***

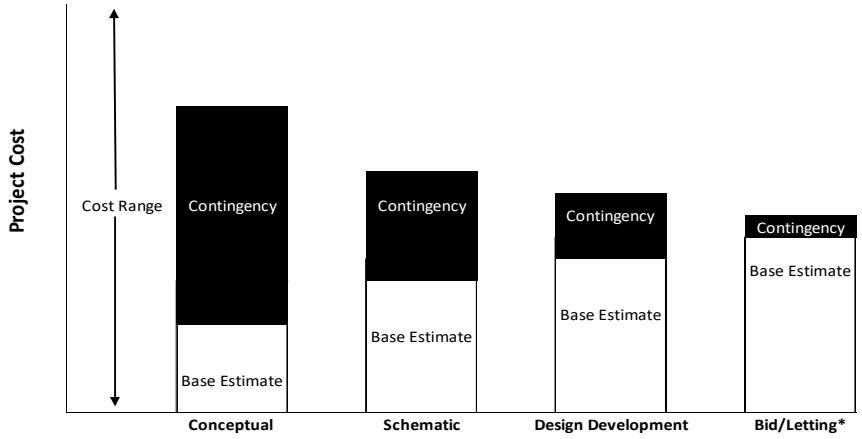
See attachment #2 for the 2021 CIC Advisory Report section related to the 2021 scored projects.

Design First Approach

The design first approach means, that for most projects, design appropriations will be made in one year with construction appropriations in a subsequent year (based on a completed design). Less complex projects (with minimal design effort and client input) that have a demonstrated history of staying within the original budget may still have design and construction in the same appropriation. An example of this is playground equipment replacements that generally have low risks due to the simplicity of the projects.

The majority of County capital projects are managed by the Department of Administrative Services (DAS)-Architecture & Engineering. As a result, the focus is on AE managed projects at this time. In the future, this approach will be explored with DAS-Information Management Services Division managed technology projects. Department of Transportation-Transportation Services projects may also be included, but a large number of their managed roadway and bridge projects implement a design first approach currently.

Typically, many cost estimates produced during the annual budget development cycle are conceptual in nature, meaning they have higher risks due to limited project scope, little to no design, and/or assume unforeseen conditions. This risk is often times reflected in higher project contingency costs, especially for cost estimates that include design and construction in the same year. These risks can be mitigated by completing design before making a budget appropriation for the construction phase. Generally, the project contingencies are significantly reduced when you have a completed design. So cumulatively, this has a large impact on project funding by moving from higher to lower contingencies based on completed design.



** Based upon completed final design and construction documents (CDs).*

Capital Project Evaluation:

Design First Approach (cont.)

The high level nature of conceptual estimates may also lead to under budgeting projects and require additional County funding that may or may not be available and cause possible project delays as a result of funding shortfalls. Additionally, if a project has surplus funding, those are dollars that could have been used to fund other projects in previous budget cycles, but are now locked up in the project until it is completed. Overall, the design first approach should help with project cost efficiencies and County resources.

The table below is meant to provide a general overview of how a project at a conceptual level of design will typically experience reduced cost risks as it becomes more refined through the design level stages.

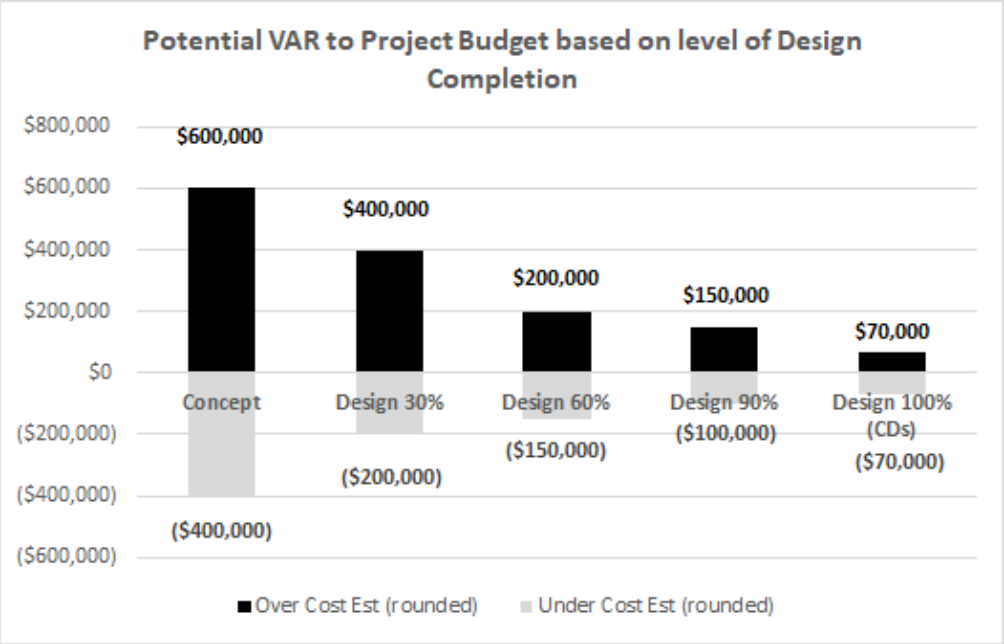


**Table assumes a $1.0 million project with medium project risk and complexity.*

Chart Development Sources: American Society of Professional Estimators (ASPE), Minnesota DOT project management, United States Department of Energy project management, Association for Advancement of Cost Engineering (AACE), Canadian Construction Association--Joint Federal Government / Industry Cost Predictability Taskforce.

The main goal of completing design prior to any construction appropriation is to increase overall project efficiency through the following:

* Ensure agreed upon scope/design between client department and (project) managing department

* Mitigate project risk and contingency

* If design is not completed for a budget cycle, the construction phase will be moved out one year (or more) in the 5-Year Capital Improvement Plan

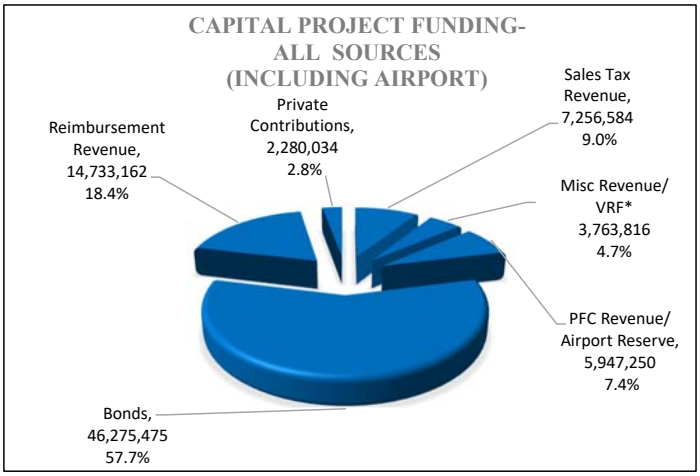
2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

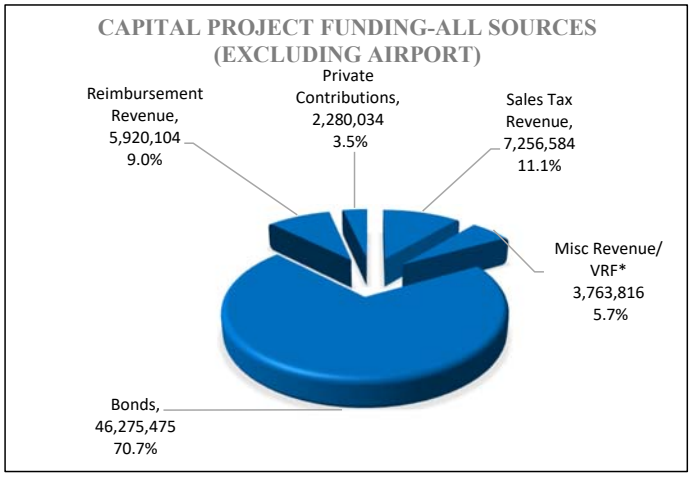
2021 Capital Improvement Budget Financing Overview:
The County finances non-Airport capital projects primarily with general obligation bonds and notes, sales tax, tax levy, reimbursement revenue (from Federal, State, and/or Local sources), vehicle registration fee revenue (VRF), and private contributions (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.

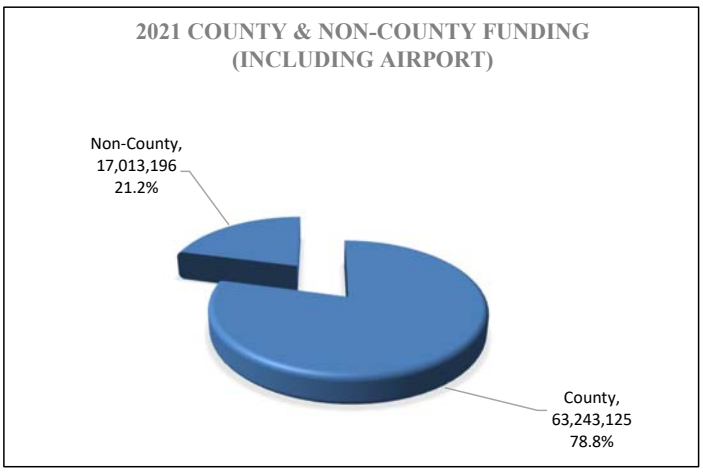
The 2021 Capital Improvements Budget (Capital Budget) includes 64 separate sub-projects for a total expenditure appropriation of $80,256,321. Anticipated reimbursement revenue (federal, state, local sources) and private contributions total $17,013,196, resulting in a net financing requirement of $63,243,125 (when including the Airport.)

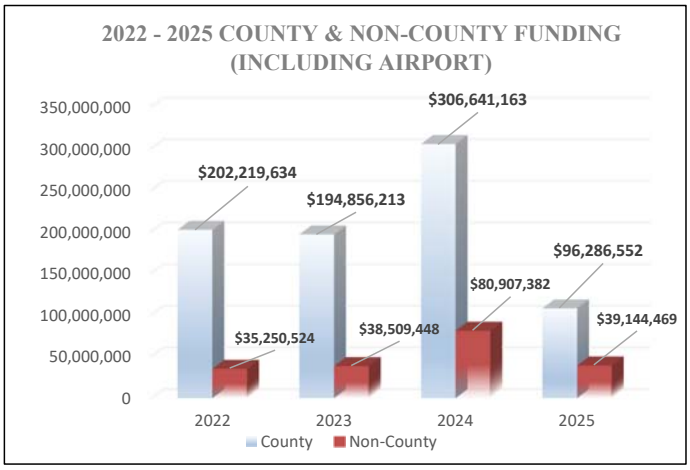
Net Financing requirements for 60 corporate purpose (non-Airport) sub-projects total $57,295,875. This includes County funding of $46,275,475 in general obligation bonds or notes, $3,763,816 in miscellaneous revenue (from Behavioral Health Division Reserves), $7,256,584 in sales tax revenue, and $0 in tax levy.





The projects included in year 2021 of the 2021 - 2025 Capital Improvement Plan (CIP) are funded with total appropriations of $80,256,321 (includes both County and non-County funding). CIP years 2022 - 2025 are used for planning purposes and provide a listing of overall sub-projects and forecasted fiscal requirement over the next 4 years (see pages 123 - 144 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 2021 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:

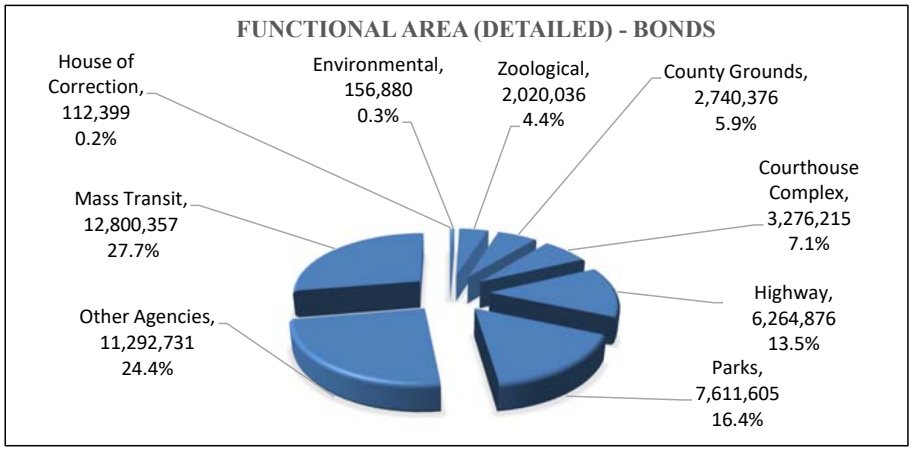
The annual bond limit is defined by County Board file number 03-263, an annual bonding cap to which policy-makers have generally adhered (3% over the prior year's Adopted bond base). The 2020 Adopted Capital Improvement Budget included bond financed projects in the amount of $44,927,646. Based on this amount, the 2021 bonding cap is calculated at $46,275,475.

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.

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

The corporate purpose (non-airport) bonding amount of $46,275,475 meets the 2021 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***	***$***	***%***
2021	$46,275,475	$46,275,475	$0	0.00%



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.

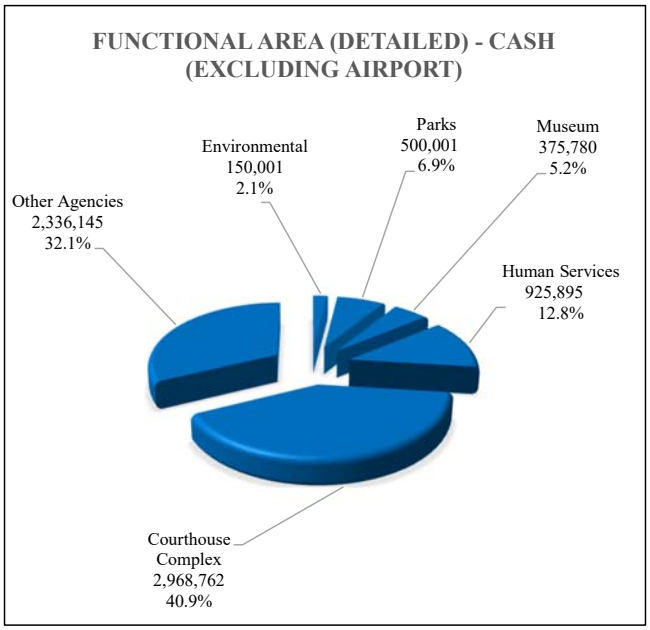
Including Airport:
Net County financing included in the 2021 budget totals $63,243,125, including the Airport. Cash needed to meet the 20.0% financing goal is calculated at $12,648,625. The 2021 budgeted cash financing of $16,967,650 represents 26.8% of net County financing.

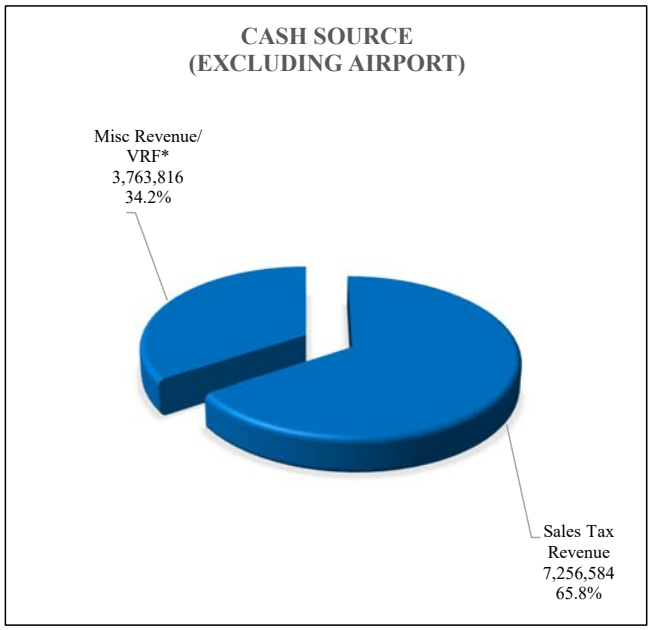
Excluding Airport:
Net County financing totals $57,295,875. Cash needed to meet the 20.0% financing goal of non-airport projects is calculated at $11,459,175. The 2021 budgeted cash financing of $11,020,400 represents 19.2% of net County financing.

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

	2021 Net County Contrib.	Sales Tax Revenue	Tax Levy	*Vehicle Registration. Fee/Misc	PFC/ Airport Reserve	TOTAL CASH	% CASH
All Projects, Including Airport:	$63,243,125	$7,256,584	$0	$3,763,816	$5,947,250	$16,967,650	26.8%
All Projects, Excluding Airport:	$57,295,875	$7,256,584	$0	$3,763,816	$0	$11,020,400	19.2%

Reflects Behavioral Health Division (BHD) Reserves used to partially fund capital project WS12601-Youth Services Admin Relocation and Tenant Imprv.* ***Excluding the BHD Reserves from the calculation results in cash funding of 20.9% when including the Airport and 12.7% without the Airport.*





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 projects.

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). Over the past three years, the average cash financing shortfall from Departmental Requests to Final Budget Adoption is $23.4 million.

County Cash Funding (Excluding Airport)					
	CASH	CASH	CASH	*CASH FINANCING BREAKOUT*	
BUDGET YR	REQUEST	BUDGET	SURPLUS/(GAP)	FUNDED	NOT FUNDED
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%
2020	$31,783,042	$11,600,094	($20,182,948)	36.5%	63.5%
3-YR AVG	$32,884,583	$9,495,401	($23,389,182)	29.8%	70.2%
2021	*$48,452,372*	*$11,020,400*	*($37,431,972)*	22.7%	*77.3%*

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.

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

2021 Expenditure Appropriations by General Functional Area:

TRANSPORTATION AND PUBLIC WORKS (Highways, Mass Transit, Airport, Environmental)
The 2021 Capital Improvements Budget includes appropriations of $40,052,526 for Transportation and Public Works. The amount represents 49.91% of total 2021 capital appropriations. The $40,052,526 in appropriations is offset with 36.78% in reimbursement revenues.

Major 2021 Capital Projects	2021 Appropriation
WA29901-GMIA Taxiway A Extension	$10,072,067
WT12501-Bus Replacement Program-2021	$7,000,000
WH01006-Reconstruct CTH "Y" Layton Avenue 27th to 43rd	$6,200,000

PARKS, RECREATION AND CULTURE (Parks Department, Zoological Department, Milwaukee Public Museum)
The 2021 Capital Improvements Budget includes appropriations of $12,527,457 for Parks, Recreation, and Culture. The amount represents 15.61% of total 2021 capital appropriations.

Major 2021 Capital Projects	2021 Appropriation
WZ11901-Zoo Adventure Africa-Elephants Exhibit	$4,040,071
WP49801-Underwood Creek Parkway Replacement	$1,623,596

HEALTH AND HUMAN SERVICES (Department of Health and Human Services, Aging, Behavioral Health)
The 2021 Capital Improvements Budget includes appropriations of $4,689,711 for Health and Human Services. The amount represents 5.84% of total 2021 capital appropriations.

Major 2021 Capital Projects	2021 Appropriation
WS12601-Youth Services Admin Relocation and Tenant Imprv	$4,663,816

GENERAL GOVERNMENT (Elected Official Departments, Department of Administrative Services, Fleet, House of Corrections, Office of Emergency Management, Cultural Agencies)
The 2021 Capital Improvements Budget includes appropriations of $22,986,627 for General Government. The amount represents 28.64% of total 2021 capital appropriations.

Major 2021 Capital Projects	2021 Appropriation
WO34001-Fleet General Equipment-2021	$4,459,000
WC20901-Forensic Science Center-Phase 2	$3,276,215
WO34301-Fleet Parks Equipment-2021	$2,420,000

Capital Improvement Plan (CIP) – Years 2022* through 2025:
CIP years 2022 - 2025 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).

2022 - 2025 CIP Forecast and Estimated Available County Funding:

	2022*	**2023**	**2024**	**2025**
Estimated County Financing:	$59,579,674	$61,367,064	$63,208,076	$65,104,318
2022 - 2025 CIP (non-airport) Proj Requests:	$197,317,645	$173,861,331	$292,131,695	$84,358,869
Under/(Over) Available County Financing:	**($137,737,971)**	**($112,494,267)**	**($228,923,619)**	**($19,254,551)**

**Includes 2021 Requested Projects that were NOT funded in the 2021 Budget.*

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

A listing of 2022 - 2025 forecasted capital projects with $5 million (or greater) County financing is listed in the table below:

				FINANCING		
CIP YEAR	**DEPT**	**Project #**	**Project Description**	**County**	**Non-County**	**Total**
2022	DAS-FM-FM	WC20901	Forensic Science Center-Phase 2	24,775,868		24,775,868
2022	DOT-TRANSIT	WT12701	Battery Electric Buses - Placeholder (30/yr)	25,500,000		25,500,000
2022	DOT-HWY	WH24201	North Shop Improvement	11,471,996		11,471,996
2022	PARKS	WP70601	South Shore Breakwater	9,220,809		9,220,809
2022	ZOO	WZ14101	Zoo Adventure Africa-Rhinos Exhibit	5,000,000	5,000,000	10,000,000
			TOTAL	**75,968,673**	**5,000,000**	**80,968,673**
2023	DOT-TRANSIT	WT12701	Battery Electric Buses - Placeholder (30/yr)	25,500,000		25,500,000
2023	DAS-FM-FM	WC20701	New Criminal Courthouse	20,000,000		20,000,000
2023	DAS-FM-FM	WC18201	Historic Courthouse Changes	9,000,000		9,000,000
2023	DAS-FM-FM	WC20601	Safety Bldg Demolition	9,000,000		9,000,000
2023	DAS-FM-FM	WC21101	New Courthouse Transition Facilities-Plan Plchld	7,900,000		7,900,000
2023	PARKS	WP70601	South Shore Breakwater	6,508,806		6,508,806
2023	DHHS	WS12601	Youth Services Admin Relocation and Tenant Imprv	6,391,240		6,391,240
2023	PARKS	WP66401	Lake Michigan Shoreline Stabilization - Sheridan Park	5,000,000		5,000,000
			TOTAL	**89,300,046**	**-**	**89,300,046**
2024	DAS-FM-FM	WC20701	New Criminal Courthouse	180,000,000		180,000,000
2024	DOT-TRANSIT	WT12701	Battery Electric Buses - Placeholder (30/yr)	25,500,000		25,500,000
2024	PARKS	WP71401	Mitchell Domes Renovation	13,000,000	53,000,000	66,000,000
			TOTAL	**218,500,000**	**53,000,000**	**271,500,000**
2025	DOT-TRANSIT	WT12701	Battery Electric Buses - Placeholder (30/yr)	25,500,000		25,500,000
2025	PARKS	WP54901	Parks Bender Safe Harbor Sedimentation Abatement	7,434,619		7,434,619
2025	ZOO	WZ17001	Alaska's Cold Coast	6,085,551	6,085,551	12,171,102
			TOTAL	**39,020,170**	**6,085,551**	**45,105,721**

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 2021 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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2021 CAPITAL IMPROVEMENTS 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
2021	$36,839,113	$67,815,511	($30,976,398)
2022	$48,291,048	$68,256,051	($19,965,002)
2023	$48,964,230	$68,699,452	($19,735,223)
2024	$48,478,146	$69,145,734	($20,667,588)
2025	$50,530,505	$69,594,915	($19,064,410)
2026	$51,371,450	$70,047,014	($18,675,564)
2027	$52,087,520	$70,502,050	($18,414,530)
2028	$53,051,510	$70,960,041	($17,908,531)
2029	$53,005,968	$71,421,008	($18,415,040)

Note:
The 2021 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 2021 Budget Org. Unit 1800 - Non-Departmental Revenues.

Budgeted revenues for the upcoming fiscal years are determined through the budget process. Revenues for 2021 are $30,976,398 for the general fund purposes mentioned above.

2021 CAPITAL IMPROVEMENTS BUDGET
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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 2021 private contribution amount of $2,280,034 is included in the table below as a separate column for comparison. The 2021 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 $16,967,650 and consists of:

Sales Tax:	$7,256,584
Property Tax Levy:	$0
Miscellaneous:	$3,763,816
Vehicle Registration Fee (VRF):	$0
Airport Reserves:	$4,688,241
Airport-Passenger Facility Chrge:	$1,259,009
Total:	**$16,967,650**

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**
2021	$63,243,125	$16,967,650	26.8%	$19,247,684	30.4%
2022	$85,678,042	$17,135,608	20.0%	$22,135,608	25.8%
2023	$88,248,384	$17,649,677	20.0%	$18,344,677	20.8%
2024	$90,895,835	$18,179,167	20.0%	$18,679,167	20.6%
2025	$93,622,710	$18,724,542	20.0%	$24,810,093	26.5%
2026	$96,431,391	$19,286,278	20.0%	$0	0.0%
2027	$99,324,333	$19,864,867	20.0%	$0	0.0%
2028	$102,304,063	$20,460,813	20.0%	$0	0.0%
2029	$105,373,185	$21,074,637	20.0%	$0	0.0%

2021 CAPITAL IMPROVEMENTS 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 2021-2030. 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
2021	$496,443,105	$70,916,861,100	0.70%
2022	$498,689,778	$73,692,823,915	0.68%
2023	$490,745,453	$76,577,448,752	0.64%
2024	$471,414,377	$79,574,989,068	0.59%
2025	$454,100,000	$82,689,864,814	0.55%
2026	$437,470,000	$85,926,668,958	0.51%
2027	$420,465,000	$89,290,174,253	0.47%
2028	$403,655,000	$92,785,340,277	0.44%
2029	$386,910,000	$96,417,320,745	0.40%

**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 $70,916,861,100 reflects the DOR's certification for August 15th, 2020 through August 14th, 2021."*

Equalized value projections (2021-2030) are based on the previous 5-Year DOR certified average.

2021 CAPITAL IMPROVEMENTS BUDGET
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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 2020 Budget Year Direct Debt per Capita figure was $563.

Trend Information:

Budget Year	Direct Debt	County Population	Direct Debt Per Capita
2021	$496,443,105	944,099	$526
2022	$498,689,778	944,099	$528
2023	$490,745,453	944,099	$520
2024	$471,414,377	944,099	$499
2025	$454,100,000	944,099	$481
2026	$437,470,000	944,099	$463
2027	$420,465,000	944,099	$445
2028	$403,655,000	944,099	$428
2029	$386,910,000	944,099	$410

**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.

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

---------- User Guide-Capital Budget Narrative ----------

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

2021 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.

2021 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.

2022 - 2025 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 &

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

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$162,883	$0	$25,000	$0	$137,883
2022	$0	$0	$0	$0	$0
2023	$1,077,390	$0	$0	$0	$1,077,390
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$1,240,273***	***$0***	***$25,000***	***$0***	***$1,215,273***

2021 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 (2016 - 2025)				
SUB-PROJECT BY PHASE	**Prior Approp. Incl. '20 Adotped**	**2021 Approp.**	**2022 - 2025 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	N/A
Complete Preliminary Plan	2021	4
Complete Final Plans & Specs	2022	1
Begin Construction/Purchase Asset	2023	1
Construction Substantially Completed	2023	4
Scheduled Sub-Project Closeout	2024	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. 2022 - 2025) 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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2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

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

2021 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.

2021 Scope of Work:

The scope of work includes the construction phase for W. Layton Ave. (CTH Y) from S. 27th St. to S. 43rd St. The overall project scope of work includes reconstructing 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.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$6,200,000	$0	$1,211,354	$300,000	$4,688,646
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$6,200,000***	***$0***	***$1,211,354***	***$300,000***	***$4,688,646***

2021 Budget Year Financing			
Federal, State & Local Aid	$1,511,354	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$4,688,646	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$6,200,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$654,148	$0	$0	$654,148
Construction & Implementation	$0	$6,200,000	$0	$6,200,000
Right-of-Way Acquisition	$170,000	$0	$0	$170,000
Equipment	$0	$0	$0	$0
TOTAL	***$824,148***	***$6,200,000***	***$0***	***$7,024,148***

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)

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)

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WH095	**WH09501**	**W RAWSON AVE- S. 27TH ST TO S. 20TH ST.**

2021 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 bicyclists and pedestrians.

2021 Scope of Work:

The scope of work includes completion design and right-of-way phases to make ready for start of the construction phase for W. Rawson Ave. (CTH BB) from S. 27th St. to S. 20th St. in the Surface Transportation Program (STP). The work includes the reconstruction of the 0.4 mile segment of W. Rawson Ave. (CTH BB), including consideration for bicycle and pedestrian accommodations. The Federal funding from the Wisconsin Department of Transportation (WISDOT) under Surface Transportation Program (STP) was approved for a total estimated cost of $3,700,000 where it would provide 80% Federal funding ($2,960,000) and the remaining 20% funded by Milwaukee County ($740,000). There is an additional $10,000 of County funds for ineligible items that are not covered by WISDOT.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$3,100,000	$2,472,000	$0	$0	$628,000
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$3,100,000***	***$2,472,000***	***$0***	***$0***	***$628,000***

2021 Budget Year Financing			
Federal, State & Local Aid	$2,472,000	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$628,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$3,100,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$510,000	$52,000	$0	$562,000
Construction & Implementation	$0	$3,000,000	$0	$3,000,000
Right-of-Way Acquisition	$100,000	$48,000	$0	$148,000
Equipment	$0	$0	$0	$0
TOTAL	***$610,000***	***$3,100,000***	***$0***	***$3,710,000***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2021	4
Complete Preliminary Plan (if applicable)	2020	4
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)

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WH097	**WH09701**	**E. NORTH AVE BRIDGE B-40-0502 OVER OAK LEAF BIKE TRAIL REHAB**

2021 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 47.6 and is functionally obsolete. The bridge is deficient and require improvements.

2021 Scope of Work:

The scope of work includes construction phase for E. North Ave Bridge B-40-0502 over Oak Leaf Bike Trail in the Local Bridge Program (LBP). The overall project scope of work includes the rehabilitation of bridge B-40-0502, E. North Ave Bridge which is between N. Bartlett Ave and N. Oakland Ave in the City of Milwaukee. It is a 95.6-foot single span prestressed concrete girder deck bridge built in 1975. The bridge rehabilitation will address concrete spalling, rusting reinforcement, cracking, masonry pop-outs, grout line deterioration, stream erosion of bank protection, channel wall deterioration 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 $1,254,105 where it would provide 80% for the State share $1,003,284 and 20% $250,821 Milwaukee County share. There is an additional $23,585 of County funds for ineligible items that are not covered by WISDOT.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$1,089,690	$0	$871,752	$0	$217,938
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$1,089,690***	***$0***	***$871,752***	***$0***	***$217,938***

2021 Budget Year Financing			
Federal, State & Local Aid	$871,752	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$217,938	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$1,089,690***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$200,000	$0	$0	$200,000
Construction & Implementation	$0	$1,089,690	$0	$1,089,690
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$200,000***	***$1,089,690***	***$0***	***$1,289,690***

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

2021 CAPITAL IMPROVEMENTS 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**

2021 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.

2021 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.

2022 - 2025 Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of $3,000,000 that are necessary to complete the work on the project. Financing is anticipated to be provided from $807,992 in State revenue and $2,192,008 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
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
2025	$0	$0	$0	$0	$0
TOTAL	***$3,100,000***	***$0***	***$807,992***	***$0***	***$2,292,008***

2021 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	$100,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$100,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$500,000	$100,000	$0	$600,000
Construction & Implementation	$0	$0	$3,000,000	$3,000,000
Right-of-Way Acquisition	$75,000	$0	$0	$75,000
Equipment	$0	$0	$0	$0
TOTAL	***$575,000***	***$100,000***	***$3,000,000***	***$3,675,000***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2021	4
Complete Preliminary Plan (if applicable)	2020	4
Complete Final Plans & Specs	2022	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)

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WH111	WH11101	W FOREST HOME AVE (CTH OO)-HI-VIEW DR. TO S. NORTH CAPE RD RECONDI

2021 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.

2021 Scope of Work:

The scope of work includes the continuation of the design phase for the W. Forest Home Ave. (CTH OO) project from Hi-View Dr. to S. North Cape Rd. in the County Highway Improvement Program (CHIP). The scope of work includes a reconditioning of the 2 mile segment of W. Forest Home Ave. (CTH OO) 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 $1,514,996 for eligible project costs. THE STATE FUNDING EXPIRES ON JUNE 30, 2025.

2022 - 2025 Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of $4,625,000 that are necessary to complete the work on the project. Financing is anticipated to be provided from $1,514,996 in State revenue and $3,110,004 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$375,000	$0	$0	$0	$375,000
2022	$275,000	$0	$0	$0	$275,000
2023	$4,350,000	$0	$1,514,996	$0	$2,835,004
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$5,000,000***	***$0***	***$1,514,996***	***$0***	***$3,485,004***

2021 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	$375,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$375,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$101,530	$300,000	$200,000	$601,530
Construction & Implementation	$0	$0	$4,350,000	$4,350,000
Right-of-Way Acquisition	$0	$75,000	$75,000	$150,000
Equipment	$0	$0	$0	$0
TOTAL	***$101,530***	***$375,000***	***$4,625,000***	***$5,101,530***

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

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)

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WH114	**WH11401**	**MILL ROAD BRIDGE B-40-0936 OVER OAK CREEK REHAB**

2021 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. The structure is spalling, the parapets are susceptible to wear and corrosion, areas on the concrete walls are missing stone facing and joints between stones are missing mortar.

2021 Scope of Work:

The scope of work includes construction phase for Mill Road Bridge B-40-0936 over Oak Creek in the Local Bridge Program (LBP). The overall project scope of work includes the rehabilitation of Historic bridge B-40-0936, Mill Road Bridge over Oak Creek in the City of South Milwaukee. It is a 80-foot single span arch bridge built in 1931. The bridge rehabilitation will address concrete spalling, rusting reinforcement, cracking, masonry pop-outs, grout line deterioration, stream erosion of bank protection, channel wall deterioration 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 $896,985 where it would provide 80% for the State share $717,588 and 20% $179,397 Milwaukee County share. There is an additional $30,305 of County funds for ineligible items that are not covered by WISDOT.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$777,290	$0	$621,832	$0	$155,458
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$777,290***	***$0***	***$621,832***	***$0***	***$155,458***

2021 Budget Year Financing			
Federal, State & Local Aid	$621,832	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$155,458	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$777,290***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$150,656	$0	$0	$150,656
Construction & Implementation	$0	$777,290	$0	$777,290
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$150,656***	***$777,290***	***$0***	***$927,946***

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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

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

2021 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.

2021 Scope of Work:

The scope of work includes the continuation of the design phase and start of the right-of-way acquisition 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.

2022 - 2025 Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of $709,100 that are necessary to complete the work on the project. Financing is anticipated to be provided from $633,605 in Federal revenue and $75,495 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
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
2025	$0	$0	$0	$0	$0
TOTAL	***$829,700***	***$733,144***	***$0***	***$0***	***$96,556***

2021 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	$21,061	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$120,600***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$110,600	$110,600	$0	$221,200
Construction & Implementation	$0	$0	$709,100	$709,100
Right-of-Way Acquisition	$0	$10,000	$0	$10,000
Equipment	$0	$0	$0	$0
TOTAL	***$110,600***	***$120,600***	***$709,100***	***$940,300***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	NA
Complete Preliminary Plan (if applicable)	2021	2
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)

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

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

2021 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.

2021 Scope of Work:

The scope of work includes the continuation of design and right-of-way acquisition 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. Flashing yellow arrow left turn signals will be installed for better driver comprehension, for reduced left turn crashes. 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 funded by Milwaukee County. An additional $15,073 of County funds is for ineligible items not covered by WISDOT. The HSIP funding expires in 2023.

2022 - 2025 Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of $874,373 that are necessary to complete the work on the project. Financing is anticipated to be provided from $786,936 in Federal revenue and $87,437 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
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
2025	$0	$0	$0	$0	$0
TOTAL	***$1,021,773***	***$910,563***	***$0***	***$0***	***$111,210***

2021 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.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$137,400	$137,400	$0	$274,800
Construction & Implementation	$0	$0	$874,373	$874,373
Right-of-Way Acquisition	$10,000	$10,000	$0	$20,000
Equipment	$0	$0	$0	$0
TOTAL	***$147,400***	***$147,400***	***$874,373***	***$1,169,173***

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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WH247	**WH24701**	**RECONSTRUCT CTH BB - S. 13TH ST TO S HOWELL AVE**

2021 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.

2021 Scope of Work:

The scope of work includes the start of the design phase for W. Rawson Ave. (CTH BB) from S. 13th St. to S. Howell Ave. The overall sub-project scope of work includes the reconstruction of a 1 mile segment of W. Rawson Ave. (CTH BB) from S. 13th St. to S. Howell Ave. and includes 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, right-of-way acquisition and construction phases for a total estimated cost of $7,380,000 where it would provide 80% for the Federal share $5,904,000 and 20% $1,476,000 for the Milwaukee County share.

2022 - 2025 Scope of Work:

The Five-Year Capital Improvements Plan includes additional appropriations of $7,105,000 that are necessary to complete the work on the project. Financing is anticipated to be provided from $5,684,000 in Federal revenue and $1,421,000 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$275,000	$220,000	$0	$0	$55,000
2022	$275,000	$220,000	$0	$0	$55,000
2023	$275,000	$220,000	$0	$0	$55,000
2024	$285,000	$228,000	$0	$0	$57,000
2025	$6,270,000	$5,016,000	$0	$0	$1,254,000
TOTAL	***$7,380,000***	***$5,904,000***	***$0***	***$0***	***$1,476,000***

2021 Budget Year Financing			
Federal, State & Local Aid	$220,000	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$55,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$275,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$275,000	$550,000	$825,000
Construction & Implementation	$0	$0	$6,270,000	$6,270,000
Right-of-Way Acquisition	$0	$0	$285,000	$285,000
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$275,000***	***$7,105,000***	***$7,380,000***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2024	4
Complete Preliminary Plan (if applicable)	2022	4
Complete Final Plans & Specs	2024	3
Begin Implementation/Purchase Asset	2025	1
Substantially Completed	2025	4
Scheduled Sub-Project Closeout	2026	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)

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2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

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

2021 Sub-Project Addresses the following item/issue:

There are nine in-ground bus lifts at the Kinnickinnic Garage Maintenance Facility. Two of the lifts (#2 and #3) have been abandoned due to age and safety concerns. Lift #1 was replaced with capital project WT107. 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.

2021 Scope of Work:

The scope of work includes 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. The new lifts provide greater lifting capacity which is required for lifting the newer and heavier electric buses.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$676,829	$0	$0	$0	$676,829
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$676,829***	***$0***	***$0***	***$0***	***$676,829***

2021 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	$676,829	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$676,829***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$51,182	$0	$0	$51,182
Construction & Implementation	$0	$676,829	$0	$676,829
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$51,182***	***$676,829***	***$0***	***$728,011***

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	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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

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

2021 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.

2021 Scope of Work:

The scope of work includes 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. The new lifts are made for greater lifting capacity and are required for the introduction of heavier electric buses.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$2,368,856	$0	$0	$0	$2,368,856
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$2,368,856***	***$0***	***$0***	***$0***	***$2,368,856***

2021 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	$2,368,856	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$2,368,856***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$179,115	$0	$0	$179,115
Construction & Implementation	$0	$2,368,856	$0	$2,368,856
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$179,115***	***$2,368,856***	***$0***	***$2,547,971***

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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WT125	**WT12501**	**BUS REPLACEMENT PROGRAM-2021**

2021 Sub-Project Addresses the following item/issue:

Maintain an annual bus replacement schedule in order to mitigate higher maintenance and operational costs resulting from using buses beyond their useful life.

Pursuant direction from the Milwaukee County Board of Supervisors (2019 Adopted Capital Improvements Budget), the Department of Transportation and Milwaukee County Transit System (MCTS) has intiated a Battery Electric Bus (BEB) pilot program in order to transition from fossil fuels. Acquisition of fifteen BEBs, which in part is Milwaukee County's local share contribution to the East-West Bus Rapid Transit (BRT) project, is expected to be complete by Spring of 2022. Eleven of the fifteen BEBs will be operated on the BRT route from downtown Milwaukee to the Watertown Plank Road Park-and-Ride lot in Wauwatosa. The remaining four BEBs will be placed on other (yet to be determined) routes. The pilot program will occur over a two-year period (approximately) to collect seasonal data. A final report will be submitted to the County Board and County Executive to inform future policy direction regarding full fleet deployment of BEBs or alternative fuel bus fleet, as directed.

In the interim, clean diesel buses that meet near zero emissions standards through the use of ultra-low sulfur diesel fuel will allow MCTS to maintain its bus replacement schedule while serving the community with the most efficient options currently available.

2021 Scope of Work:

Buses which are fully depreciated and have reached the end of their useful life will be replaced with fourteen new clean diesel buses. Funding includes FTA-required bus inspections.

2022 - 2025 Scope of Work:

The MCTS bus replacement schedule assumes thirty (30) replacement buses per year. Please refer to capital project Bus Replacement Program - Planning Placeholder in the 5-Year Capital Improvement Plan for annual replacement costs for future years.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$7,000,000	$0	$0	$0	$7,000,000
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$7,000,000***	***$0***	***$0***	***$0***	***$7,000,000***

2021 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	$7,000,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$7,000,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$35,000	$0	$35,000
Construction & Implementation	$0	$0	$0	$0
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$6,965,000	$0	$6,965,000
TOTAL	***$0***	***$7,000,000***	***$0***	***$7,000,000***

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

Useful Life (Yrs)

12

Requesting Department or Agency:

Dept of Transportation - Transit/Paratransit

Managing Department or Agency:

Same as Requesting Dept/Agency

Specialized Consultant(s) Retained:

No

Functional Group:

Transportation and Public Works

Capital Category:

Vehicles & Equipment

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WT128	**WT12801**	**KK GARAGE EMPLOYEE PARKING LOT**

2021 Sub-Project Addresses the following item/issue:

Replacement of the existing employee parking lot west of Kinnickinnic Avenue as it is beyond its useful life and is in poor condition.

2021 Scope of Work:

The scope of work includes planning and design for replacement of the employee parking lot west of Kinnickinnic Avenue and related amenities. This includes the replacement of the lot and fencing surrounding lot and protective guardrails where necessary, adding conduit for future security cameras, upgrade storm inlets and storm piping within the parking, upgrading electrical wiring for the existing LED lighting, and use of permeable pavers for storm water quality and quantity.

2022 - 2025 Scope of Work:

The scope of work includes construction for the replacement of the parking lot and amenities.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$55,497	$0	$0	$0	$55,497
2022	$434,207	$0	$0	$0	$434,207
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$489,704***	***$0***	***$0***	***$0***	***$489,704***

2021 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	$55,497	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$55,497***	

Capital Sub-Project Breakdown

SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$0	$55,497	$0	$55,497
Construction & Implementation	$0	$0	$434,207	$434,207
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$55,497***	***$434,207***	***$489,704***

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

Hard-Surface (Non-Roadway)

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WT148	**WT14801**	**FDL GARAGE FIRE ALARM AND SPRINKLER SYSTEM REPL**

2021 Sub-Project Addresses the following item/issue:

The current sprinkler system at FDL bus storage and tank house is mostly inoperable. The current fire alarm system is not tied to any fire suppression. It also has a number of issues and experiences frequent errors and false alarms, along with issues from the vendor who no longer wants to support the system. A September 2020 appropriation transfer for design is anticipated to start the project as the current system failed in August of 2020. Transit staff is working with vendor and consultants to bring the existing system back online until the replacement system can be installed.

2021 Scope of Work:

Construction and implementation to replace the fire alarm and wet sprinkler system for Bus Storage and Service Building.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$2,565,721	$0	$0	$0	$2,565,721
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$2,565,721***	***$0***	***$0***	***$0***	***$2,565,721***

2021 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	$2,565,721	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$2,565,721***	

Capital Sub-Project Breakdown

SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$2,565,721	$0	$2,565,721
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$2,565,721***	***$0***	***$2,565,721***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	NA
Complete Preliminary Plan (if applicable)	2020	4
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)

15

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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WT149	**WT14901**	**FDL GARAGE TRNSPT BLDG ROOF RPLCMNT**

2021 Sub-Project Addresses the following item/issue:

The Fond du Lac (FDL) Garage Transportation Building's roof has exceed its useful life. The facility was built in 1981, with its original roof still in-place the roof is approximately 40 years old. The roof also exhibits reoccurring leaks. A high number of assets and employees are located at the facility.

2021 Scope of Work:

The scope of work includes planning and design for the replacement roof system on the FDL Garage Transportation Building.

2022 - 2025 Scope of Work:

The scope of work includes construction for the replacement of the FDL Garage Transportation Building's roof.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$95,122	$0	$0	$0	$95,122
2022	$625,889	$0	$0	$0	$625,889
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$721,011***	***$0***	***$0***	***$0***	***$721,011***

2021 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	$95,122	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$95,122***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$95,122	$0	$95,122
Construction & Implementation	$0	$0	$625,889	$625,889
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$95,122***	***$625,889***	***$721,011***

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	2022	1
Substantially Completed	2022	3
Scheduled Sub-Project Closeout	2022	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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WT150	**WT15001**	**FDL GARAGE TRANSPORTATION BLDG-HVAC RPLCMNT**

2021 Sub-Project Addresses the following item/issue:

The HVAC system requires replacement due to the end of its useful life.

2021 Scope of Work:

The scope of work includes planning and design for the replacement of existing rooftop AC unit and 14 VAV boxes along with ductwork and controls with new rooftop AC unit, VAV boxes and ductwork with new DDC controls. A consultant will be retained to design the HVAC system.

2022 - 2025 Scope of Work:

The scope of work includes the construction phase for the HVAC system.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$38,332	$0	$0	$0	$38,332
2022	$246,019	$0	$0	$0	$246,019
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$284,351***	***$0***	***$0***	***$0***	***$284,351***

2021 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	$38,332	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$38,332***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$38,332	$0	$38,332
Construction & Implementation	$0	$0	$246,019	$246,019
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$38,332***	***$246,019***	***$284,351***

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

Useful Life (Yrs)

15

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:

Other Capital

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AIRPORT

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2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

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

2021 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 last addition to the parking structure. In 2018, a research investigation and site assessment was conducted by an architecture and 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 the 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 repainting of all of the structural steel and aluminum panels. There are also other alternative architectural facade options that are being evaluated in the feasibility and design phase of this project. Financing is provided from Airport Development Fund (ADF) reserve and from the Customer Facility Charge (CFC) reserve.

2021 Scope of Work:

Scope of the project is the construction and implementation of an architectural façade alternative from the 2020 feasibility & design phase of the project.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$2,963,190	$0	$0	$0	$2,963,190
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$2,963,190***	***$0***	***$0***	***$0***	***$2,963,190***

2021 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	$2,963,190	Other Revenue	$0
Total Budget Year Financing		***$2,963,190***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$325,329	$0	$0	$325,329
Construction & Implementation	$0	$2,963,190	$0	$2,963,190
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$325,329***	***$2,963,190***	***$0***	***$3,288,519***

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	4
Begin Implementation/Purchase Asset	2021	1
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:

Traffic, Roadways, & Bridges (Airport)

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

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

2021 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 geometic 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 GMIA 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 the historic operational problems in this area. FAA policy is that 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 FAA Airport Improvement Program (AIP) funding, state funding and by the use of Passenger Facility Charges (PFC) funding. The implementation of this project is contingent upon receiving federal and state funding.

2021 Scope of Work:

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

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$10,072,067	$7,554,050	$1,259,008	$0	$1,259,008
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$10,072,067***	***$7,554,050***	***$1,259,008***	***$0***	***$1,259,008***

2021 Budget Year Financing			
Federal, State & Local Aid	$8,813,059	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$1,259,008
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		***$10,072,067***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$1,080,195	$0	$0	$1,080,195
Construction & Implementation	$0	$10,072,067	$0	$10,072,067
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$1,080,195***	***$10,072,067***	***$0***	***$11,152,262***

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	4
Begin Implementation/Purchase Asset	2021	2
Substantially Completed	2021	4
Scheduled Sub-Project Closeout	2022	3

Useful Life (Yrs)

30

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)

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WA377	**WA37701**	**GMIA SOUTH MAINTENANCE AIR HANDLING UNIT**

2021 Sub-Project Addresses the following item/issue:

The systems condition assessment for the General Mitchell International Airport Combined Maintenance Facility was completed in 2018. At that time, 8 of the 11 Air Handling Units (AHUs) were given a condition rating of "Poor" and 2 were given a "Fair" rating. The Relief Ventilator/Fresh Air unit was given a condition rating of "Poor", as was the heating, ventilation and air conditioning (HVAC) control system. The recommended renewal action date for these items was 2019 (p. 10). Condition assessments and recommended renewal actions are contained in the VFA Facility Condition Assessment Report "Combined Maintenance Facility (4-04) Asset No. 372" dated February 15, 2018. AHUs are vital mechanical components of the HVAC system that serves this facility. The Combined Maintenance Facility houses the maintenance equipment and materials for GMIA, as well as vehicle and equipment repair and maintenance shops. The financing is provided from the Airport Development Fund (ADF) reserve.

2021 Scope of Work:

Project consists of the planning and design phase for the replacement of the identified air handling units (AHUs), replacement of the exhaust ventilation/fresh air renewal system and replacing the hybrid pneumatic/digital building environmental control at the Combined Maintenance Facility at GMIA. The 2021 project objective is to develop a design approach and bidding documents for equipment replacement and upgrades to maintain proper and efficient operation of the HVAC system at this facility.

2022 - 2025 Scope of Work:

Project consists of the construction and implementation of the recommended replacement and upgrade of existing air handling units (AHUs), replacement of the exhaust ventilation/fresh air renewal system and replacing the hybrid pneumatic/digital building environmental control at the Combined Maintenance Facility at GMIA. The project objective is to maintain proper and efficient operation of the HVAC system at this 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$259,575	$0	$0	$0	$259,575
2022	$2,031,095	$0	$0	$0	$2,031,095
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$2,290,670***	***$0***	***$0***	***$0***	***$2,290,670***

2021 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	$259,575	Other Revenue	$0
Total Budget Year Financing		***$259,575***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$259,575	$0	$259,575
Construction & Implementation	$0	$0	$2,031,095	$2,031,095
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$259,575***	***$2,031,095***	***$2,290,670***

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	1
Substantially Completed	2022	4
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_Rehab or Major Maint

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WA394	**WA39401**	**PARKING STRUCTURE REPAIR AND MAJOR MAINT-2021**

2021 Sub-Project Addresses the following item/issue:

Within the public parking garage at General Mitchell International Airport, stairways 2, 4, 5 & 7 have immediate major structural issues directly related to safety and functionality. The issues include corrosion of the structural elements of the staircases and supporting connections to the masonry walls of the stairwells. The corrosion was due to water infiltration, mostly from precipitation and snowmelt seeping in from the top parking level of the structure. Some of the infiltration problems have been addressed in other projects. The remainder of them will be addressed as part of this project. Financing is provided from Airport Development Fund (ADF) reserve and Customer Facility Charge (CFC) reserve.

2021 Scope of Work:

Project consists of the design and construction of major and minor repairs and rehabilitation to stairways 2, 4, 5 & 7 in the MKE Parking Structure. Components needing repair within the stairwells are steel, masonry, and concrete elements. Stairways 2 & 4 have the most immediate major structural issues directly related to safety and functionality. Project scope will also address the water infiltration problems in these stairwell to prevent future damage to the stair components.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$1,465,476	$0	$0	$0	$1,465,476
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$1,465,476***	***$0***	***$0***	***$0***	***$1,465,476***

2021 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	$1,465,476	Other Revenue	$0
Total Budget Year Financing		***$1,465,476***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$161,989	$0	$161,989
Construction & Implementation	$0	$1,303,487	$0	$1,303,487
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$1,465,476***	***$0***	***$1,465,476***

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	4
Substantially Completed	2022	2
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:

Yes

Functional Group:

Transportation and Public Works

Capital Category:

Facility_Rehab or Major Maint

SECTION 4
ENVIRONMENTAL

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2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WV041	**WV04101**	**OAK CREEK SKATE LIFT STATION**

2021 Sub-Project Addresses the following item/issue:

The Oak Creek Skate sanitary lift station located in the pavilion at the Mill Pond in the Oak Creek Parkway was installed in 1934, and has reached the end of its serviceable life. The Department of Parks, Recreation and Culture has identified the lift station as needing replacement. The lift station should be replaced prior to failure to avoid a discontinuation of sanitary services and the closure of facilities. The replacement of the lift station includes the replacement of the force main.

2021 Scope of Work:

The 2021 scope of work is to design the replacement of the lift station and force main at the Oak Creek comfort station at the Mill Pond. The design will include the creation of construction plans, specifications and a construction estimate.

2022 - 2025 Scope of Work:

The scope of work includes the replacement of the sanitary lift station and force main at the Oak Creek comfort building located on the Mill Pond.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$63,306	$0	$0	$0	$63,306
2022	$495,306	$0	$0	$0	$495,306
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$558,612***	***$0***	***$0***	***$0***	***$558,612***

2021 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	$63,306	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$63,306***	

Capital Sub-Project Breakdown

SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$0	$63,306	$0	$63,306
Construction & Implementation	$0	$0	$495,306	$495,306
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$63,306***	***$495,306***	***$558,612***

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	3
Begin Implementation/Purchase Asset	2022	2
Substantially Completed	2022	3
Scheduled Sub-Project Closeout	2022	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:

Parks, Recreation, & Culture

Capital Category:

Facility_Replacement

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WV043	**WV04301**	**OAKWOOD LIFT STATION UPGRADE**

2021 Sub-Project Addresses the following item/issue:

The Oakwood Park Golf Course sanitary lift station was installed in 1976, and is well beyond its serviceable life. The Department of Parks, Recreation and Culture has identified the lift station as needing replacement. The lift station should be replaced prior to failure to avoid a discontinuation of sanitary services and the closure of facilities. The replacement of the lift station includes the replacement of the force main.

2021 Scope of Work:

The scope of the project includes project design for the replacement of the sanitary sewer lift station at Oakwood Park, including replacement of the entire sanitary sewer force main.

2022 - 2025 Scope of Work:

Scope of works includes construction activities to remove existing lift station and install new lift station. Abandon existing force main and replace with new.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$93,574	$0	$0	$0	$93,574
2022	$0	$0	$0	$0	$0
2023	$655,289	$0	$0	$0	$655,289
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$748,863***	***$0***	***$0***	***$0***	***$748,863***

2021 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	$93,574	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$93,574***	

Capital Sub-Project Breakdown

SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$0	$93,574	$0	$93,574
Construction & Implementation	$0	$0	$655,289	$655,289
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$93,574***	***$655,289***	***$748,863***

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	3
Begin Implementation/Purchase Asset	2023	2
Substantially Completed	2023	3
Scheduled Sub-Project Closeout	2023	3

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:

Parks, Recreation, & Culture

Capital Category:

Facility_Replacement

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WV054	**WV05401**	**COUNTY-WIDE SANITARY SEWERS REPAIRS-2021**

2021 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.

The 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.

2021 Scope of Work:

Sanitary sewer field inspections (including televising sewer pipes) in 2019/20, 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 cured-in-place pipe (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.

2022 - 2025 Scope of Work:

Anticipated 2022 – 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$150,001	$0	$0	$0	$150,001
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$150,001***	***$0***	***$0***	***$0***	***$150,001***

2021 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.**	**2021 Approp.**	**2022 - 2025 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)	2021	1
Complete Final Plans & Specs	2021	2
Begin Implementation/Purchase Asset	2021	3
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	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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PARKS

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2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP050	**WP05046**	**LINCOLN PARK BASEBALL LIGHTING**

2021 Sub-Project Addresses the following item/issue:

In late fall of 2015, the 80-foot field lighting poles (double timber poles) and lights on the 3rd base side of Henry Aaron Field near home plate were blown over in a high wind event. After emergency removal of these lights, Parks immediately had the remaining seven pairs of poles inspected and removed. An additional pole was set on the 1st base side near home plate for safety reasons and to accommodate the installation of a new artificial turf infield by UWM. In 2016, additional funds were set aside to remove the remaining non-functional lights and poles for safety reasons. The scope of work for the new lighting system should include a new 480 volt 3-phase WE Energies electrical service as well as verification of scoreboard functionality. There is unmet demand for playing time at this facility by local colleges and high schools. Not all entities wishing playing time can be accommodated at this time. Adding lights would fulfill this unmet demand by creating additional playing time, thereby increasing the revenue potential of Parks only artificial turf baseball field.

The 2019 Adopted Capital Budget included an appropriation for the planning and design phase of this project.

2021 Scope of Work:

The scope of work includes installation of a new lighting system including 480 volt, 3-phase (Wisconsin Energies) electrical service for the Henry Aaron Field Baseball Diamond at Lincoln Park.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$595,104	$0	$0	$0	$595,104
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$595,104***	***$0***	***$0***	***$0***	***$595,104***

2021 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	$595,104	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$595,104***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$42,947	$67,441	$0	$110,388
Construction & Implementation	$900	$527,663	$0	$528,563
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$43,847***	***$595,104***	***$0***	***$638,951***

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	2021	3
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

15

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_Replacement

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP425	**WP42501**	**PLAYGROUND RESURFACING - PHASE 1**

2021 Sub-Project Addresses the following item/issue:

Milwaukee County Parks currently owns and operates 113 playgrounds that have a variety of equipment and surfacing. Several older playground sites have a combination of surfacing that includes sand. Maintaining clean sand is operationally challenging, and sand that is not clean is a safety hazard for park users and staff. Safety standards and resilient playground surfacing products have improved well beyond sand in the past 15-years, and options now also include poured-in-place (PIP) rubber surfacing as well as Engineered Wood Fiber. These surfacing alternatives reduce ongoing maintenance and improve safety. While many playgrounds have been converted to PIP surfacing, some highly used sites are in need of replacement due to significant wear. Improving the surfacing at these playgrounds will improve safety, enhance the play environment and extend the life of the assets as the intervals for full playground replacement extend due to lack of available funding. PIP also has the advantage of providing full ADA accessibility to all areas of the playground. Using Fibar (engineered wood fiber) in place of sand would reduce but not eliminate ongoing inspection and maintenance and eliminate some of the cleanliness aspects associated with sand.

2021 Scope of Work:

The scope of the project includes planning/design and installation of Poured in Place (PIP) rubberized safety surface at the following three play areas: Gordon Park (4,400 sf), Cool Waters (3,350 sf) and Hoyt Park (4,060 sf). The play areas were all installed in 2001 or earlier. The scope will include excavating existing small areas of rubberized surface, mulch or other existing safety surfaces. New PIP safety surface will be installed over new stone base material for the entire surface of the play area. With respect to sustainability/energy efficiency the rubber materials used in construction of the PIP is recycled tires.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$325,231	$0	$0	$0	$325,231
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$325,231***	***$0***	***$0***	***$0***	***$325,231***

2021 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	$325,231	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$325,231***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$9,279	$0	$9,279
Construction & Implementation	$0	$315,952	$0	$315,952
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$325,231***	***$0***	***$325,231***

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)

15

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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP498	**WP49801**	**UNDERWOOD CREEK PARKWAY REPLACEMENT**

2021 Sub-Project Addresses the following item/issue:

The Underwood Creek Parkway segment that falls between Bluemound Road and 119th Street is 0.41 miles in length and has been rated as a 36 out of 100 in 2018. The roadway has been annually patched for approximately 10 years, and deteriorates with each freeze-thaw cycle. This portion of roadway is fronted by numerous residential properties, and also serves as a defacto collector street for the adjacent neighborhood. The pavement is cracked and heaved in locations, and is a hazard for both vehicles and the bicycles that use this stretch as a mapped leg of the Oak Leaf Trail. Some areas of this parkway have broken curb, while others have no curb at all due to deterioration. Lighting in this stretch is not reflective of current Parks standard materials, nor is it consistent with the City of Wauwatosa's reconstruction within the portion of the parkway road that falls under their jurisdiction. Residents and users of this parkway regularly reach out to request patching and other maintenance needs related to the poor road condition.

2021 Scope of Work:

The scope of work includes construction for replacement of Underwood Creek Parkway - Bluemound Road to 119th Street with (rated 26/100) including 4 inches of asphalt pavement on 8 inches of stone base, LED lighting, 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, 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.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$1,623,596	$0	$0	$0	$1,623,596
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$1,623,596***	***$0***	***$0***	***$0***	***$1,623,596***

2021 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	$1,431,419	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$192,177
Total Budget Year Financing		***$1,623,596***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$133,859	$0	$0	$133,859
Construction & Implementation	$0	$1,623,596	$0	$1,623,596
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$133,859***	***$1,623,596***	***$0***	***$1,757,455***

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	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:

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)

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP534	**WP53401**	**RAINBOW PARK PLAYGROUND REPLACEMENT**

2021 Sub-Project Addresses the following item/issue:

The playground at Rainbow Park is a Class 3 playground and is one of the oldest playgrounds in the Milwaukee County Parks system, having been installed in 1995. Based on age and condition, Rainbow Park Playground is a high priority for playground replacement within the Milwaukee County Parks System. In addition, the safety surfacing material is all sand, which is the most maintenance-intensive surfacing, has potential safety issues associated with sand cleanliness, and does not provide any ADA accessibility. Playgrounds are ideally replaced at 20-year intervals to provide exciting, up-to-date, and accessible playgrounds that meet current safety standards and guidelines. Replacement is with a new Class 3 playground.

2021 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. Replacement is with a new Class 3 playground.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$278,737	$0	$0	$0	$278,737
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$278,737***	***$0***	***$0***	***$0***	***$278,737***

2021 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	$278,737	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$278,737***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$7,954	$0	$7,954
Construction & Implementation	$0	$270,783	$0	$270,783
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$278,737***	***$0***	***$278,737***

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	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:

Other Capital

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP535	**WP53501**	**PULASKI-CUDAHY PARK PLAYGROUND REPLACEMENT**

2021 Sub-Project Addresses the following item/issue:

The playground at Pulaski-Cudahy Park is a Class 3 playground and is one of the oldest playgrounds in the Milwaukee County Parks system, having been installed in 1995. Based on age and condition Pulaski-Cudahy Park Playground is a top priority for playground replacement within the Milwaukee County Parks System. In addition, the safety surfacing material is all sand, which is the most maintenance-intensive surfacing, has potential safety issues associated with sand cleanliness, and does not provide any 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. Replacement is with a new Class 3 playground.

2021 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. Replacement is with a new Class 3 playground.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$278,737	$0	$0	$0	$278,737
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$278,737***	***$0***	***$0***	***$0***	***$278,737***

2021 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	$278,737	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$278,737***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$7,954	$0	$7,954
Construction & Implementation	$0	$270,783	$0	$270,783
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$278,737***	***$0***	***$278,737***

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	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:

Other Capital

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP658	**WP65801**	**CURRIE PARK-REPLACE PARKING LOT & CART PATH IMPR**

2021 Sub-Project Addresses the following item/issue:

Currie Golf Course is a popular recreational asset that generates revenue for the Parks System. The existing parking lot that serves the course has a rating of 28/100, indicating the need for a full reconstruction. It is likely that a reduction in pavement could be accommodated during a reconstruction, reducing the impervious footprint of the County. Additionally, the existing handicap parking is located relatively far from the Clubhouse. Accessibility is important to serve both golf clientele and to serve the voting public as the Currie Park Golf Clubhouse is used for voting The course will also benefit from a new continuous asphalt cart path through the 18-hole golf course, keeping it on par with other like facilities. Parks has made other successful efforts to introduce cart paths which helps attract large events, expands dates motor carts can run and is appreciated by users.

This is a wet, low lying course and flooding is common. Cart restrictions leads to a reduction in revenue as golfers, and organized golf outings, that require carts seek out other courses. Adding a continuous paved cart path throughout the course allows the course to remain open more often.

2021 Scope of Work:

The scope of work includes planning and design to add a new, continuous asphalt golf cart path through all 18 holes at Currie park. Currie Golf Parking and Road proposed replacement of the golf course parking lot and entry road at Currie Park. Currie Park parking lot planned to be reduced by 25%.

2022 - 2025 Scope of Work:

Currie Golf Cart Paths is preferred to complete the path work in one season; however a phased construction of two years, and late season paving may be required to minimize disturbance. The contractor can work throughout the golf season. This will require daily coordination during the construction phase with golf staff. Due to wet spring conditions it may be best to start work mid-summer. Currie Golf Parking and Road: Parking is required during the golf season. A phased construction, and/or late season paving may be required to minimize disturbance.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$232,981	$0	$0	$0	$232,981
2022	$1,970,947	$0	$0	$0	$1,970,947
2023	$603,806	$0	$0	$0	$603,806
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$2,807,734***	***$0***	***$0***	***$0***	***$2,807,734***

2021 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	$232,981	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$232,981***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$232,981	$0	$232,981
Construction & Implementation	$0	$0	$2,574,753	$2,574,753
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$232,981***	***$2,574,753***	***$2,807,734***

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	2021	4
Substantially Completed	2022	4
Scheduled Sub-Project Closeout	2023	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:

Hard-Surface (Non-Roadway)

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP682	**WP68201**	**WHITNALL CLUBHOUSE HVAC RPLCMNT-KITCHEN REMODEL**

2021 Sub-Project Addresses the following item/issue:

In 2016 Milwaukee County funded a project to replace the HVAC system for the kitchen and dining area of the Whitnall Park Clubhouse. During project design for the kitchen and other building systems to support the new kitchen including electrical, plumbing and HVAC. the consultant determined that major kitchen upgrades were required to provide an efficient and effective HVAC system suitable for the building program. These significant upgrades also triggered design for kitchen and ADA code compliance requirements, requiring kitchen modifications and the addition of access ramps and a new ADA accessible bathroom. The County's VFA database reflects the need for upgrades and repairs of this nature, as the systems and building areas described are categorized as potentially critical repairs.

2021 Scope of Work:

Retain consultant to design replacement of HVAC system for Kitchen and Dining area along with ADA compliance requirements requiring Kitchen modifications along with addition of access ramps and a new ADA accessible bathroom. 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.

2022 - 2025 Scope of Work:

Implement general construction and HVAC work designed in 2021.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$167,205	$0	$0	$0	$167,205
2022	$1,073,295	$0	$0	$0	$1,073,295
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$1,240,500***	***$0***	***$0***	***$0***	***$1,240,500***

2021 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	$167,205	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$167,205***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$167,205	$0	$167,205
Construction & Implementation	$0	$0	$1,073,295	$1,073,295
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$167,205***	***$1,073,295***	***$1,240,500***

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

Facility_Rehab or Major Maint

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP695	**WP69501**	**WASHINGTON PARK BRIDGE REPLACEMENTS**

2021 Sub-Project Addresses the following item/issue:

An April 2016 inspection of the two concrete lagoon bridges in Washington Park resulted in a recommendation for replacement. The bridge inspector described heavy concrete delamination, cracking and spalling present in all abutments, particularly the outside corners. The deterioration extends below the waterline and all the way up into the deck. All the deck corners at the abutments are experiencing cracking and spalling. In particular, a section of the northeast corner of the north bridge has failed with a large piece of concrete spalled off. This could happen at any time at the remaining corners. The inspector indicated the bridges are safe for pedestrian usage for the near future but need to be monitored and pedestrians kept away from the corners. Concrete barriers and traffic barrels have been placed in the area to keep pedestrians away from the problem area. The connecting asphalt walkway between the bridges is highly degraded and should be replaced at the same time the bridges are replaced. The inspecting engineer recommended replacement within 2 years.

2021 Scope of Work:

The scope of work includes planning and design for replacement of two pedestrian bridges as well as the (highly degraded) connecting asphalt walkway between the bridges. With respect to sustainability/energy efficiency, the design will be reviewed for the possibility of using recycled material in the concrete and asphalt.

2022 - 2025 Scope of Work:

The scope of work includes construction of the two pedestrian bridges and connecting asphalt walkway.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$118,414	$0	$0	$0	$118,414
2022	$926,543	$0	$0	$0	$926,543
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$1,044,957***	***$0***	***$0***	***$0***	***$1,044,957***

2021 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$0	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$118,414	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$118,414***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$118,414	$0	$118,414
Construction & Implementation	$0	$0	$926,543	$926,543
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$118,414***	***$926,543***	***$1,044,957***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2022	3
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)

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_Replacement

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP701	**WP70101**	**GRANT PARK NORTH ACCESS ROADS-PARKING LOTS**

2021 Sub-Project Addresses the following item/issue:

The Adopted 2020 Capital Budget included an appropriation of $113,504 for design of this project. As of 6-30-2020, design is still ongoing. The northernmost access point into Grant Park off S. Lake Drive provides access to Grant Playground #1, picnic areas #7, 8, and 9, soccer fields, trails, and serves as the primary drive and parking lot to the Wil-O-Way Grant facility operated by the Milwaukee County Office for Persons with Disabilities. The sections are extremely deteriorated and at the end of their useful lives. The 2019 pavement ratings include: 17/100 for access drive from S. Lake Drive; 32/100 for parking lot serving picnic areas 7-9; 20/100 for Wil-O-Way Grant parking lot. The areas require regular asphalt patching and get regular complaints from constituents. In 2020, the City of South Milwaukee (City) was awarded $45,000 of Community Development Block Grant (CDBG) funding to assist with reconstruction costs related to Wil-o-Way/Grant Park-Access Drive. The CDBG program is administered by the Milwaukee County Department of Health and Human Services-Housing Division (Housing). Housing will send the award agreements to the City once funding is received by Milwaukee County from the federal Department of Housing and Urban Development later in 2020. Once the agreements are finalized and CDBG funding is confirmed to be applied towards capital project WP70101, an administrative apporpriation transfer will be made to reduce bond funding by the amount of the CDBG award.

2021 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.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$1,255,952	$0	$0	$0	$1,255,952
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$1,255,952***	***$0***	***$0***	***$45,000***	***$1,255,952***

2021 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	$1,255,952	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$1,255,952***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$113,504	$0	$0	$113,504
Construction & Implementation	$0	$1,255,952	$0	$1,255,952
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$113,504***	***$1,255,952***	***$0***	***$1,369,456***

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	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:

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)

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP706	**WP70601**	**SOUTH SHORE BREAKWATER**

2021 Sub-Project Addresses the following item/issue:

The South Shore Breakwater serves as a near-shore structure that protects the shoreline and coastal assets along Cupertino, South Shore, and Bay View Parks. The existing stone on the north section of the breakwater is undersized for the forces that are applied from storm events and ice. Over the years the existing stones have been moved due to these forces flattening the breakwater and developing gaps. Last investments related to construction on the breakwater took place in 2006, and the condition of the asset has deteriorated over time. Age, high water, and wave action have resulted in numerous openings in the breakwater, and large stone that had made up the structure has been moved into the navigation channel that is adjacent. Significant investments have been made to the Oak Leaf Trail, South Shore Yacht Club, South Shore Boat Launch, and related assets that rely on the protection of this breakwater. Improvements to the breakwater should consider the South Shore Beach Relocation Study, and any related plans. The height of the breakwater should be raised as well to provide better protection from waves overtopping the breakwater.

2021 Scope of Work:

Phase 1 will completed the planning and design for reconstruction of the northerly section of the South Shore Breakwater that provides protection to Cupertino Park, South Shore Yacht Club and South Shore Park. Reconstruction of the northerly segment will consist of reconfiguring the existing stone to create space to set new appropriately sized stone on top of the existing stone. The larger stone will be sufficient to handle the forces applied from stores as well stabilizing the smaller stones by holding them in place. Phase 2 of the South Shore Breakwater repair will address the south section of the breakwater located off the shoreline of Bay View Park. A similar approach will be consider for the south section repairs. An alternative approach for the south section will consider dismantling the south section of the breakwater and relocating the salvaged stone to construct an on-shore stone revetment to better protect the Bay View bluffs from continued erosion.

2022 - 2025 Scope of Work:

Construction for Phase 1 - North Breakwater section to anticipated in 2022. Construction for Phase 2 - South Breakwater section to anticipated in 2023. Design for both phases will be accomplished at the same time.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$1,066,471	$0	$0	$0	$1,066,471
2022	$9,220,809	$0	$0	$0	$9,220,809
2023	$6,508,806	$0	$0	$0	$6,508,806
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$16,796,086***	***$0***	***$0***	***$0***	***$16,796,086***

2021 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	$1,066,471	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$1,066,471***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$1,066,471	$0	$1,066,471
Construction & Implementation	$0	$0	$15,729,615	$15,729,615
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$1,066,471***	***$15,729,615***	***$16,796,086***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2022	2
Complete Final Plans & Specs	2022	4
Begin Implementation/Purchase Asset	2023	2
Substantially Completed	2024	4
Scheduled Sub-Project Closeout	2025	1

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:

Other Capital

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP707	**WP70701**	**OLD LOOMIS ROAD RECONSTRUCTION**

2021 Sub-Project Addresses the following item/issue:

Old Loomis Road was acquired by the Parks Department as a part of the real estate transaction that transferred Crystal Ridge to The Rock. While this section of local road does carry a portion of the Oak Leaf Trail, it is primarily used by residents of an adjacent residential neighborhood. This 0.47-mile section of roadway falls within both the City of Franklin and the Village of Greendale, and has a pavement rating of 20/100. Parks has received numerous calls from residents about pothole conditions on the roadway, and has performed patching but the road is so deteriorated that conditions continue to worsen. Any road work should include integrated vegetation management to make sure sufficient clearance is available adjacent to the pavement.

The County has applied for and been awarded State of Wisconsin-County Highway Improvement Discretionary Program (CHID) funding of up to $540,000.

2021 Scope of Work:

The scope of work includes planning and design for the reconstruction of the .47-mile section of roadway falls within both the City of Franklin and the Village of Greendale of Old Loomis Road.

2022 - 2025 Scope of Work:

The scope of work includes roadway reconstruction.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$170,000	$0	$0	$0	$170,000
2022	$930,000	$0	$540,000	$0	$390,000
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$1,100,000***	***$0***	***$540,000***	***$0***	***$560,000***

2021 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	$170,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$170,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$170,000	$0	$170,000
Construction & Implementation	$0	$0	$930,000	$930,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$170,000***	***$930,000***	***$1,100,000***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	NA
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)

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:

Traffic, Roadways, & Bridges (Non-Airport)

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP718	**WP71801**	**MITCHELL DOMES MESH/STRUCTURE INSPECTION & RPRS**

2021 Sub-Project Addresses the following item/issue:

The Mitchell Park Horticultural Conservatory (The Domes) has had protective stainless steel mesh installed in all 3 Domes since 2016 in order to reduce the risk of spalling concrete endangering the visitors and staff at the Domes. In order to appropriately respect the anticipated lifespan of this protective measure, it is necessary to regularly inspect and repair this installation. Work should take place to evaluate not only the mesh, but also all observable concrete and glazing surfaces. It will be necessary for the project to include any and all equipment necessary for work and access, efforts to prepare each Domes site for leveling a lift, and related restoration to pre-inspection conditions. In addition to the final report documentation, corrective actions, as necessary, should be completed to the mesh barrier. As a public facility, consideration should be given to public information and coordination of events.

2021 Scope of Work:

The scope of work includes evaluation of the mesh and all observable concrete and glazing surfaces. It will be necessary for the project to include any and all equipment necessary for work and access, efforts to prepare each Domes site for leveling a lift, and related restoration to pre-inspection conditions. In addition to the final report documentation, corrective actions, as necessary, will be completed to the mesh barrier and inspection and repairs will take place concurrently.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$500,001	$0	$0	$0	$500,001
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$500,001***	***$0***	***$0***	***$0***	***$500,001***

2021 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$500,001	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		***$500,001***	

Capital Sub-Project Breakdown

SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$0	$41,479	$0	$41,479
Construction & Implementation	$0	$458,522	$0	$458,522
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$500,001***	***$0***	***$500,001***

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	2021	2
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

5

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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP725	**WP72501**	**VOGEL PLAYGROUND REPLACEMENT**

2021 Sub-Project Addresses the following item/issue:

The playground at Vogel Park is a Class 3 playground and was installed in 1999. The last significant surfacing investment into poured-in-place rubber (PIP) at this site took place in 2007. Based on age and condition, Vogel Playground is a high priority for playground replacement within the Milwaukee County Parks System. The safety surfacing material includes a portion of sand, which is the most maintenance-intensive surfacing material. Sand has potential safety issues associated with sand cleanliness, and does not provide any ADA accessibility. Playgrounds are ideally replaced at 20-year intervals to provide exciting, up-to-date, and accessible playgrounds that meet current safety standards and guidelines.

2021 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. Replacement is with a new Class 3 playground.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$278,737	$0	$0	$0	$278,737
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$278,737***	***$0***	***$0***	***$0***	***$278,737***

2021 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	$278,737	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$278,737***	

Capital Sub-Project Breakdown

SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$0	$7,954	$0	$7,954
Construction & Implementation	$0	$270,783	$0	$270,783
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$278,737***	***$0***	***$278,737***

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	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:

Other Capital

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP726	**WP72601**	**LINDSAY PARK PLAYGROUND REPLACEMENT**

2021 Sub-Project Addresses the following item/issue:

The playground at Lindsay Park is a Class 3 playground and was installed in 1999. Based on age and condition, Lindsay Playground is a high priority for playground replacement within the Milwaukee County Parks System. The safety surfacing material is sand, which is the most maintenance-intensive surfacing material. Sand has potential safety issues associated with sand cleanliness, and does not provide any ADA accessibility. Playgrounds are ideally replaced at 20-year intervals to provide exciting, up-to-date, and accessible playgrounds that meet current safety standards and guidelines.

2021 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. Replacement is with a new Class 3 playground.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$278,737	$0	$0	$0	$278,737
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$278,737***	***$0***	***$0***	***$0***	***$278,737***

2021 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	$278,737	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$278,737***	

Capital Sub-Project Breakdown

SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$0	$7,954	$0	$7,954
Construction & Implementation	$0	$270,783	$0	$270,783
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$278,737***	***$0***	***$278,737***

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	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:

Other Capital

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP727	**WP72701**	**OAK LEAF TRAIL ZIP LINE SINKHOLE**

2021 Sub-Project Addresses the following item/issue:

The Zip Line is one of the most popular segments of the Oak Leaf Trail (OLT) with 356,167 average annual multi-use trips (counted at the southern end of the line over the last three years). It provides a direct, traffic-free connection from Estabrook Park to Brown Deer Park via an abandoned railroad right of way. These trips and recreational experiences are threatened due to a failing stone arch and culvert that is over 100-years old. A sinkhole above this failure has formed and the paved portion of the trail is closed requiring that trail users use the soft shoulder to get through this spot. By replacing the failing culvert and restoring the trail pavement, this trail repair will reopen a key link in the Oak Leaf Trail system and will ensure that hundreds of thousands of biking and walking trips continue by maintaining this key connection from downtown Milwaukee to the County line and to the Ozaukee Interurban Trail. Together, these trails create a 48-mile continuous off-road experience and connection from Milwaukee to Oostburg that is important for regional and state travel and tourism in addition to daily commuting and recreation. The trail intersects both predominantly white and predominantly black neighborhoods providing equitable job access, exercise opportunities, and affordable transportation from many suburbs to downtown Milwaukee. The Oak Leaf Trail is free and open to all with many entrance access points in this area.

2021 Scope of Work:

The scope of the project involves closure of the existing trail to allow excavation and removal of the existing failed stone arch culvert and replacement with a new large corrugated metal pipe. The large culvert size and required invert elevation have been determined by extensive hydraulic modeling to avoid back water or downstream water elevation changes during significant storm events. The design has been completed.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$689,838	$0	$0	$0	$689,838
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$689,838***	***$0***	***$0***	***$0***	***$689,838***

2021 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	$689,838	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$689,838***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$689,838	$0	$689,838
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$689,838***	***$0***	***$689,838***

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	NA	0
Substantially Completed	2021	2
Scheduled Sub-Project Closeout	2021	3

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:

Hard-Surface (Non-Roadway)

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP728	**WP72801**	**HIGHLAND PARK PLAYGROUND REMOVE AND RESTORE**

2021 Sub-Project Addresses the following item/issue:

The Highland Park Playground is one of the oldest play areas in the Milwaukee County Park System, having been installed in 1992. As a playground with sand surfacing, it does not provide ADA accessibility and is labor intensive to properly maintain and keep clean. This structure has been observed by staff to have a low frequency of use, and is therefore proposed to be removed and restored to a greenspace that would more appropriately serve the corporate campus patrons that frequent the site, and reduce Parks operational costs. As a part of any such project to decommission a park asset, public outreach would be completed as a part of this project.

2021 Scope of Work:

The Highland Park playground equipment from 1992 has reached the end of its useful life. It is proposed to be removed and replaced with a Helios exercise station. Project will include playground demolition, turf restoration, a reinforced 12'x12' concrete pad, equipment installation and new asphalt path connections. A 24'x24' PIP rubber material with a concrete border is also included.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$146,447	$0	$0	$0	$146,447
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$146,447***	***$0***	***$0***	***$0***	***$146,447***

2021 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	$146,447	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$146,447***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$7,538	$0	$7,538
Construction & Implementation	$0	$138,909	$0	$138,909
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$146,447***	***$0***	***$146,447***

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	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:

Other Capital

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WP729	**WP72901**	**BOERNER GARDEN HOUSE BOILER REPLACEMENT**

2021 Sub-Project Addresses the following item/issue:

The existing steam boiler in the Boerner Garden House is in need of critical repairs and overdue for replacement per records kept in the County's VFA database. The current steam boiler burner firing rate is higher than the calculated load causing short cycling. Due to the, age, condition, and complexity of the existing system it is more hazardous to work with than other options and therefore presents safety concerns.

2021 Scope of Work:

The scope of work includes design for the replacement of existing steam boiler with piping and steam radiation with a new hot water boiler along with new hot water piping and new radiation.

2022 - 2025 Scope of Work:

Installation of a new hot water boiler with piping and radiation and air conditioning with ventilation.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$105,418	$0	$0	$0	$105,418
2022	$676,680	$0	$0	$0	$676,680
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$782,098***	***$0***	***$0***	***$0***	***$782,098***

2021 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	$105,418	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$105,418***	

Capital Sub-Project Breakdown

SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$0	$105,418	$0	$105,418
Construction & Implementation	$0	$0	$676,680	$676,680
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$105,418***	***$676,680***	***$782,098***

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

Useful Life (Yrs)

15

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

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MILWAUKEE PUBLIC MUSEUM

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2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

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

2021 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.

2021 Scope of Work:

The scope of the project includes construction for three parts: 1) Waterproofing at the juncture of the museum's foundation wall and the MacArthur Square structural concrete slab. 2) 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 during construction.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$375,780	$0	$0	$0	$375,780
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$375,780***	***$0***	***$0***	***$0***	***$375,780***

2021 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$375,780	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		***$375,780***	

Capital Sub-Project Breakdown

SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$79,125	$0	$0	$79,125
Construction & Implementation	$0	$375,780	$0	$375,780
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$79,125***	***$375,780***	***$0***	***$454,905***

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

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2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WZ119	**WZ11901**	**ZOO ADVENTURE AFRICA - ELEPHANT EXHIBIT**

2021 Sub-Project Addresses the following item/issue:

In 2016, the Milwaukee County (County) approved an agreement with Zoological Society of Milwaukee (ZSM) (File No. 16-463) to build Adventure Africa Phase 1-Elephant Exhibit. The 2017 Adopted Capital Budget included $16.6M in funding with 50% from the ZSM. The original plan included a waterhole filtration system ($1,050,000) for the exhibit, but was eliminated to reduce project cost. Benefits of waterhole filtration system include: 1.) Estimated water savings of 3.6 million gallons (or $10,196 annually in water/sewer utility costs); 2.) Labor costs savings (approximately $5,700) and reduced risk for potential injuries since staff will no longer need to enter confined spaces to fill and empty the waterhole; 3.) Labor cost savings (approximately $5,405) for reduced pool cleaning; 4.) Clean (outside) drinking water for elephants.

2021 Scope of Work:

The scope of work includes complete architectural design services for the construction of the LSS Building and construction of the water filtration system. The preliminary budget estimate was developed by JP Cullen using the bid documents from the Elephant Exhibit bid package. Proposals were obtained from both HGA for Architectural Design Services and from CG Schmidt for Construction Management Services.

No work on the project shall proceed and no project costs will be incurred until the ZSM funding is committed, verified, and all related agreements have been approved by the County Board.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$4,040,071	$0	$0	$2,020,035	$2,020,036
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$4,040,071***	***$0***	***$0***	***$$2,020,035***	***$2,020,036***

2021 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	$2,020,036	Gifts & Cash Contr	$2,020,035
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$4,040,071***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$4,296,581	$173,682	$0	$4,470,263
Construction & Implementation	$12,581,596	$3,866,389	$0	$16,447,985
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$16,878,177***	***$4,040,071***	***$0***	***$20,918,248***

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	3
Begin Implementation/Purchase Asset	2020	3
Substantially Completed	2021	2
Scheduled Sub-Project Closeout	2021	2

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_New Construction, Alteration, or Expansion

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SECTION 8
HEALTH AND HUMAN SERVICES

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2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WS102	**WS10201**	**CONTROL CENTER PANEL REPLACEMENT**

2021 Sub-Project Addresses the following item/issue:

The Division of Youth and Family Services (DYFS) is requesting this project to replace the existing hard-wired control panels in the Detention Center's Central Control as well as add card access control to doors within the Detention Center. Currently, doors are either left ajar or a Youth Correctional Officer (YCO) must wait for the control center to unlock the door.

The project would upgrade the existing system with new touchscreen control stations and a new security management computer. Badge readers would be used and a touch screen control panel would have the ability to identify who is using the badge and confirm identity. This will allow the YCOs to move freely through the doors with a badge reader.

2021 Scope of Work:

The scope of work includes planning and design to upgrade the existing Control Center with the current technology that includes a new security management computer. Badge readers will be utilized and a touch screen control panel will have the ability to identify who is using the badge and confirm identity.

2022 - 2025 Scope of Work:

The scope of work includes construction and implementation of the new Control Center and related systems.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$25,895	$0	$0	$0	$25,895
2022	$202,590	$0	$0	$0	$202,590
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$228,485***	***$0***	***$0***	***$0***	***$228,485***

2021 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$25,895	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		***$25,895***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$25,895	$0	$25,895
Construction & Implementation	$0	$0	$202,590	$202,590
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$25,895***	***$202,590***	***$228,485***

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

Useful Life (Yrs)

15

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:

Other Capital

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

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

2021 Sub-Project Addresses the following item/issue:

The Department of Health and Human Services (DHHS) has been developing its "No Wrong Door" customer service approach. This emphasizes internal coordination between divisions at the "front door" through a DHHS intake/enrollment team, system navigators and peer supports, as well as crisis response. DHHS is undertaking steps to first integrate its Children's Services – Wrap and Children's Services/Community Services areas in the Disabilities Services Division (DSD) and Division of Youth and Family Services (DYFS). For 2021, Phase 1 of the project reflects approximately 230 staff from BHD Administration, Community Access to Recovery Services (CARS), Mobile Crisis, Fiscal, Quality Assurance, Contract Administration, and the new Children's Integration Unit (Wrap, Disabilities Services – Children's Programs and Division of Youth & Family Services – Community Programming).

2021 Scope of Work:

Project will include build-out of space in existing County facilities or in leased space, moving of staff, furniture and equipment. Anticipated build out and relocation completed by the end of 2022 at the latest.

Lease agreement negotiations have not started. It is not known if tenant improvements (estimated at $1.6 million) will be financed with appropriations in the capital budget or negotiated into the lease payments. As a result, the budget authority and revenue source for such tenant improvements shall be created with the appropriate approvals upon completion of signed/executed lease agreement(s), if necessary.

2022 - 2025 Scope of Work:

The 2022 Budget anticipates either the cost of a buildout and relocating staff currently housed at the Marcia P. Coggs Center to another location or the renovation of the Coggs Center.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$4,663,816	$0	$0	$0	$4,663,816
2022	$0	$0	$0	$0	$0
2023	$6,391,240	$0	$0	$0	$6,391,240
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$11,055,056***	***$0***	***$0***	***$0***	***$11,055,056***

2021 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$900,000	PFC Revenue	$0
Property Tax	$0	Revenue Bonds	$0
G.O. Bonds & Notes	$0	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$3,763,816
Total Budget Year Financing		***$4,663,816***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$660,000	$0	$0	$660,000
Construction & Implementation	$0	$4,663,816	$6,391,240	$11,055,056
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$660,000***	***$4,663,816***	***$6,391,240***	***$11,715,056***

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	3
Scheduled Sub-Project Closeout	2021	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

SECTION 9
COURTHOUSE COMPLEX/
COUNTY GROUNDS

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2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

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

2021 Sub-Project Addresses the following item/issue:

Concerns with the existing Medical Examiner (ME) facility are well documented, and in 2019 the Board agreed to address the needs through a new facility. The new facility is to be located on the grounds of the Milwaukee Regional Medical Center and built in cooperation with the Medical College of Wisconsin (MCW). The Office of Emergency Management (OEM) also requires relocation and would benefit from adjacencies with both the ME and MCW. 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 ME and the OEM. The 2020 Adopted Capital Improvement Budget included an appropriation for $11,191,328 for planning and design, in cooperation with the MCW and their design team, and start of construction activities. While the relationship with MCW as developer of the property is underway, 2021 capital funds provide continued demonstration of the County's commitment to the project.

2021 Scope of Work:

The 2021 scope of work includes finalization of development agreement/lease.

2022 - 2025 Scope of Work:

Tenant fit-out construction, procurement and installation of furniture-fixtures-equipment (FF&E), relocation of operations, and decommissioning existing facilities.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$3,276,215	$0	$0	$0	$3,276,215
2022	$24,775,868	$0	$0	$0	$24,775,868
2023	$3,966,498	$0	$0	$0	$3,966,498
2024	$3,966,498	$0	$0	$0	$3,966,498
2025	$0	$0	$0	$0	$0
TOTAL	***$35,985,079***	***$0***	***$0***	***$0***	***$35,985,079***

2021 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	$3,276,215	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$3,276,215***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$11,191,328	$3,276,215	$32,708,864	$47,176,407
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$11,191,328***	***$3,276,215***	***$32,708,864***	***$47,176,407***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	2020	4
Complete Preliminary Plan (if applicable)	2020	3
Complete Final Plans & Specs	2021	2
Begin Implementation/Purchase Asset	2021	3
Substantially Completed	2023	1
Scheduled Sub-Project Closeout	2023	2

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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WC216	**WC21601**	**CH COMPLEX IMPROVEMENTS-CJF CAULKING PHASE 2**

2021 Sub-Project Addresses the following item/issue:

The Criminal Justice Facility (CJF) was built in 1992 and has an exterior façade clad with cut limestone panels from the first floor through the third floor. Floors four through eleven are clad with matching architectural precast concrete panels. The existing sealant joints between panels are deteriorated and in need of replacement to prevent water infiltration. This project has been divided into two phases. Phase one has commenced and is scheduled for completion in spring of 2020. Phase one includes replacing all existing exterior sealant joints located between the architectural precast panels on the façade of the CJF. Exterior joint replacement includes removal of existing joint material, prep joint, install new joint filler as needed, new backer rod (compression seal) and polyurethane sealant (tooled finish). Phase two of the caulking project completes the remainder of the CJF exterior joint sealant replacement project. The scope of work is similar in nature to phase one but covers significantly more surface area.

2021 Scope of Work:

The scope of work includes planning, design, and construction related to exterior joint replacement includes removal of existing joint material, prep joint, install new joint filler or backer rod (compression seal) and polyurethane sealant (tooled finish).

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$1,013,061	$0	$0	$0	$1,013,061
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$1,013,061***	***$0***	***$0***	***$0***	***$1,013,061***

2021 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$1,013,061	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		***$1,013,061***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$104,324	$0	$104,324
Construction & Implementation	$0	$908,737	$0	$908,737
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$1,013,061***	***$0***	***$1,013,061***

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	1
Begin Implementation/Purchase Asset	NA	0
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WC217	**WC21701**	**CH COMPLEX FACADE INSPECT & REPAIR-PHASE 3**

2021 Sub-Project Addresses the following item/issue:

This requirement consists of masonry repairs at various locations of the Courthouse façade as indicated in the 2016 façade inspection report created by Klein and Hoffman. Phase 3 includes the permanent repairs to the "make-safe" repairs completed in 2017. Due to the extent of the required repairs, a phased approach is necessary to complete all of the work identified in the 2016 report.

2021 Scope of Work:

Design for Phase III includes a range of façade repairs at the southern third of the east elevation and at the south elevation. Design will include repair of the three main entrances at the center of the east elevation. The façade areas to be repaired in Phase III were noted to have a moderate concentration of stone deterioration. The recommended scope of repairs includes: 1) Repair and/or replacement of deteriorated stone at four main entrances, including one at the south elevation, and three at the center east elevation. 2) Replacement of the built-in copper gutter at the sixth floor cornice of the south elevation. 3) Replacement of deteriorated stones which appear to have been damaged during a previous cleaning effort. 4) Repair or replacement of isolated cracked, spalled, or otherwise deteriorated stones. 5) Replacement of sealant at upward facing joints 100%. 6) Replacement of window perimeter sealant 100%.

2022 - 2025 Scope of Work:

Construction activities are anticipated for 2022. Additional phases are included in the out-years of the Five-Year Capital Improvements Plan under project WC18401-CH Complex Facade Inspect & Repair-Plan Plchld.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$132,291	$0	$0	$0	$132,291
2022	$973,726	$0	$0	$0	$973,726
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$1,106,017***	***$0***	***$0***	***$0***	***$1,106,017***

2021 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$132,291	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		***$132,291***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$132,291	$0	$132,291
Construction & Implementation	$0	$0	$973,726	$973,726
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$132,291***	***$973,726***	***$1,106,017***

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	2022	3
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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

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

2021 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. Head-end equipment is in need of replacement along with the remote system panels throughout the complex. Currently, repair parts for the system panels are not available. The intention of this project is to modernize the existing fire system and separate building automation within the interface. This project addresses VFA requirements 36680/46441/36704. The Fire Alarm system is considered to be end of life and requires upgrading. The 2020 Adopted Capital Improvement Budget included an appropriation for planning and design.

2021 Scope of Work:

The scope of work includes 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)).

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$1,823,410	$0	$0	$0	$1,823,410
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$1,823,410***	***$0***	***$0***	***$0***	***$1,823,410***

2021 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$1,823,410	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		***$1,823,410***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$210,454	$0	$0	$210,454
Construction & Implementation	$0	$1,823,410	$0	$1,823,410
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$210,454***	***$1,823,410***	***$0***	***$2,033,864***

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	2021	2
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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

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

2021 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.

The 2020 Adopted Capital Improvement Budget included an appropriation for planning and design.

2021 Scope of Work:

The scope of work involves replacing the existing roof system on the rotunda portion (Unit 'B') and the gym roof of the Vel Phillips Justice Center. This includes tear off of the existing roof (to deck) and installation of a new roof system.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$2,740,376	$0	$0	$0	$2,740,376
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$2,740,376***	***$0***	***$0***	***$0***	***$2,740,376***

2021 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	$2,740,376	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$2,740,376***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$96,168	$0	$0	$96,168
Construction & Implementation	$0	$2,740,376	$0	$2,740,376
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$96,168***	***$2,740,376***	***$0***	***$2,836,544***

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	1
Begin Implementation/Purchase Asset	2021	2
Substantially Completed	2022	2
Scheduled Sub-Project Closeout	2022	3

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:

No

Functional Group:

Transportation and Public Works

Capital Category:

Facility_Rehab or Major Maint

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SECTION 10
HOUSE OF CORRECTIONS

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2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WJ112	**WJ11201**	**HOC ADMIN BUILDING ROOF REPLACEMENT**

2021 Sub-Project Addresses the following item/issue:

Deteriorated roof that requires replacement. The House of Correction (HOC) Administration Building roof (26,102 sq/ft in area) was installed in 1994, is now failing and requires replacement versus temporary repairs due to age and being beyond it's useful life. There has been periodic repairs to the roof due to constant leak issues. A core sample revealed saturated insulation on north end of roof and a recent estimate indicated the HOC needs to make emergency roof repairs with an estimated repair costsof $3,400 until the roof can be replaced. The estimate indicated the roof had an overall condition score of D (membrane and flashings had a score of D and sheet metal had a score of F). The estimated remaining service life is 2 to 4 years.

2021 Scope of Work:

The scope of work includes planning and design for the replacement of the HOC Administration Building roof.

2022 - 2025 Scope of Work:

The scope of work includes construction of the roof.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$112,399	$0	$0	$0	$112,399
2022	$1,429,209	$0	$0	$0	$1,429,209
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$1,541,608***	***$0***	***$0***	***$0***	***$1,541,608***

2021 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	$112,399	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$112,399***	

Capital Sub-Project Breakdown

SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$0	$112,399	$0	$112,399
Construction & Implementation	$0	$0	$1,429,209	$1,429,209
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$112,399***	***$1,429,209***	***$1,541,608***

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

Other Capital

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SECTION 10
OTHER AGENCIES

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2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

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

2021 Sub-Project Addresses the following item/issue:

The Department of Administrative Service - Information Management Services Division (IMSD) staff has indicated that Milwaukee County (County) is at a critical point with its aged/non-supported phone system (affecting the Courthouse, Children's Court, BHD, Coggs, House of Corrections, and Zoo). To mitigate the risk of catastrophic failure, the phone system must be replaced. Most phone systems are outdated and licenses for new subscriber lines can't be added. Without immediate replacement or substantial upgrade, IMSD will be unable to implement new collaboration technologies or support additional users. 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. Previously approved appropriations replaced critical components and contract implementation support for 55 locations and ~6000 legacy phone system(s) throughout the County. This request will complete the project.

2021 Scope of Work:

The scope of work includes completion of CJF and Safety building which was planned in 2020 but experienced some delays and additional complexities due to COVID. Funding also includes cabling costs based upon updated design information and vendor quotes. Scope of work also includes phones at BHD community facilities and locations based upon approved facility master plans.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$422,025	$0	$0	$0	$422,025
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$422,025***	***$0***	***$0***	***$0***	***$422,025***

2021 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$422,025	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		***$422,025***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$228,520	$0	$0	$228,520
Construction & Implementation	$3,693,235	$250,425	$0	$3,943,660
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$1,353,888	$171,600	$0	$1,525,488
TOTAL	***$5,275,643***	***$422,025***	***$0***	***$5,697,668***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2017	0
Complete Final Plans & Specs	2019	0
Begin Implementation/Purchase Asset	2017	0
Substantially Completed	2021	2
Scheduled Sub-Project Closeout	2021	2

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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO551	**WO55101**	**CJIS REMEDIATION**

2021 Sub-Project Addresses the following item/issue:

The Public Safety divisions of Milwaukee County utilizes several mission critical systems which store Criminal Justice Information (CJI). Systems that store CJI must comply with FBI CJIS Security Requirements, which establishes the minimum standard of security requirements to ensures continuity of information protection. The essential premise of the CJIS Security Policy is to provide the appropriate controls to protect CJI, from creation through dissemination; whether at rest or in transit requirements has certain requirements for the treatment of CJIS information in how it is processed, transmitted and stored. During a recent meeting, the State of Wisconsin Department of Justice found that Milwaukee County was deficient in several areas of processing, transmitting and storing of CJIS information, which will require technology, processes and procedures to accommodate the DOJ and retain accreditation for running a jail facility. Failure to remediate these issue could result in sanctions, including finesas well as disabling access to critical state and federal systems, which are essential for continued operation. This project will work to remediate the identified deficiencies.

2021 Scope of Work:

Scope of the proposed project will address remediation of issues identified during a state CJIS audit to ensure the county complies with CJIS Security policy. This includes network equipment and professional services to encrypt traffic in transit over the county WAN as well as CJI data at rest at the county's offsite contracted data center in Madison. This is to ensure full encryption for any CJI data that flows through the county network as well as data in databases and file servers. A project manager and BA will be hired to ensure the project requirements are met and to provide adequate project oversight and management.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$485,120	$0	$0	$0	$485,120
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$485,120***	***$0***	***$0***	***$0***	***$485,120***

2021 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$485,120	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		***$485,120***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$0	$0	$0
Construction & Implementation	$0	$485,120	$0	$485,120
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$485,120***	***$0***	***$485,120***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2020	4
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)

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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO647	**WO64701**	**ENTERPRISE PLATFORM MODERNIZATION-PHASE 3**

2021 Sub-Project Addresses the following item/issue:

Enterprise Platform Modernization-Phase 3 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 Milwaukee County (County) enterprise functions. Milwaukee County is in the process of implementing the base software package and is represented by adopted capital projects WO60201 (Phase 1) and WO54601 (Phase 2).

Capital project WO64701-Enterprise Platform Modernization-Phase 3, represents the additional functionality and enhancement for usability, supportability, process efficiency, software fixes, and additional functionality.

2021 Scope of Work:

Scope of work includes completion of the product roadmap and strategy for finance, human resources, and Supply Chain software components after Phase 1 and Phase 2 implementations is deployed. It also includes software fixes and functionality to provide additional up-front error-proofing, eliminate manual dual entry between systems, and provide additional reporting capabilities.

2022 - 2025 Scope of Work:

Additional software fixes and functionality that may be needed.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$1,350,000	$0	$0	$0	$1,350,000
2022	$2,000,000	$0	$0	$0	$2,000,000
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$3,350,000***	***$0***	***$0***	***$0***	***$3,350,000***

2021 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$1,350,000	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		***$1,350,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$200,000	$0	$200,000
Construction & Implementation	$0	$1,150,000	$2,000,000	$3,150,000
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$1,350,000***	***$2,000,000***	***$3,350,000***

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	2
Substantially Completed	2022	2
Scheduled Sub-Project Closeout	2022	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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO340	**WO34001**	**FLEET GENERAL EQUIPMENT-2021**

2021 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, Fleet Management, District Attorney, Behavioral Health, Facilities Management, Medical Examiner, and Zoo.

2021 Scope of Work:

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

2022 - 2025 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 2022 through 2025.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$4,459,000	$0	$0	$0	$4,459,000
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$4,459,000***	***$0***	***$0***	***$0***	***$4,459,000***

2021 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	$4,459,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$4,459,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 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	$4,459,000	$0	$4,459,000
TOTAL	***$0***	***$4,459,000***	***$0***	***$4,459,000***

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	2021	2
Substantially Completed	2021	4
Scheduled Sub-Project Closeout	2021	0

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

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	CHASSIS MAIN UNIT	633 Plow	635 Wing	425 Spreader	Other Attachments/ Equipment	TOTAL BUDGET
	HIGHWAY												
1	106542	12	Critical	5140	Highway Patrol Section 4	2008	Patrol Truck - Single Axle	$ 110,000	$ 25,000	$ 25,000	$ 30,000	$ 120,000	$ 310,000
2	106532	12	High	5150	Highway- Special Maintenanc	2005	Hooklift Truck- Tandem Axle	$ 115,000	$ 25,000	$ 25,000	$ 30,000	$ 150,000	$ 345,000
3	118609	12	Critical	5140	Highway Patrol Section 4	2009	Patrol Truck - Tandem Axle	$ 115,000	$ 25,000	$ 25,000	$ 30,000	$ 115,000	$ 310,000
4	118611	12	Critical	5110	Highway Patrol Section 1	2009	Catch Basin Cleaner	$ 100,000				$ 200,000	$ 300,000
5	118503	12	Critical	5160	Highway Patrol Section 3	2006	Catch Basin Cleaner	$ 100,000				$ 200,000	$ 300,000
6	118612	12	High	5160	Highway Patrol Section 3	2011	Patrol Truck - Tandem Axle	$ 115,000	$ 25,000	$ 25,000	$ 30,000	$ 115,000	$ 310,000
7	118613	12	High	5160	Highway Patrol Section 3	2011	Patrol Truck - Tandem Axle	$ 115,000	$ 25,000	$ 25,000	$ 30,000	$ 115,000	$ 310,000
8	106533	12	Critical	5171	Highway - Electrical	2005	Aerial Truck 60'	$ 95,000				$ 140,000	$ 235,000
9	532024	12	High	5160	Highway Patrol Section 3	2002	Asphalt Roller	$ 30,000					$ 30,000
10	532025	12	High	5120	Highway Patrol Section 2	2002	Asphalt Roller	$ 30,000					$ 30,000
11	533001	12	High	5140	Highway Patrol Section 4	2003	Asphalt Roller	$ 30,000					$ 30,000
12	533002	12	High	5110	Highway Patrol Section 1	2003	Asphalt Roller	$ 30,000					$ 30,000
13	208104	12	High	5160	Highway Patrol Section 2	2003	Wheel Loader	$ 300,000					$ 300,000
												SUBTOTAL	**$ 2,840,000**
	TRANSPORTATION ENGINEERING												
14	153077	7	Critical	5093	Transportation Engineering	2010	SUV 4x4	$ 35,000					$ 35,000
												SUBTOTAL	**$ 35,000**
	FLEET												
15	166305	12	Critical	5300	Fleet Management	1990	Service Truck	$ 50,000				$ 8,000	$ 58,000
16	165666	12	Critical	5300	Fleet Management	1988	Box Truck	$ 50,000				$ 8,000	$ 58,000
17	166332	12	Critical	5300	Fleet Management	1993	Service Truck	$ 50,000				$ 8,000	$ 58,000
18	165974	7	High	5300	Fleet Management	2010	Pickup 4x4	$ 35,000					$ 35,000
19	438001	12	High	5300	Fleet Management	2002	Sweeper	$ 60,000					$ 60,000
20	117100	12	High	5300	Fleet Management	2002	Sewer Jetter	$ 110,000				$ 370,000	$ 480,000
21	153044	7	High	5300	Fleet Management	2002	SUV 4x4	$ 39,000					$ 39,000
												SUBTOTAL	**$ 788,000**
	OEM												
22	150334	7	Critical	4800	Emergency Management	2008	SUV 4x4	$ 40,000				$ 6,000	$ 46,000
												SUBTOTAL	**$ 46,000**
	BEHAVIORAL HEALTH												
23	114706	7	High	6474	BHD- Phyciatric Crisis	2013	Sedan 4dr	$ 27,000					$ 27,000

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	CHASSIS MAIN UNIT	633 Plow	635 Wing	425 Spreader	Other Attachments/ Equipment	TOTAL BUDGET
24	114698	7	High	6443	BHD- Wraparound	2010	Sedan 4dr	$ 27,000					$ 27,000
												SUBTOTAL	**$ 54,000**
	FACILITIES												
25	102481	7	High	5702	Facilities Mainenance	2008	4x4 Pickup	$ 55,000	$ 7,000		$ 5,000		$ 67,000
26	102479	7	High	5740	Architecture and Engineering	2007	4x4 Pickup	$ 37,000				$ 2,000	$ 39,000
27	102482	7	High	5702	Facilities Mainenance	2008	4x4 Pickup	$ 55,000	$ 7,000		$ 5,000		$ 67,000
28	101528	7	Critical	5702	Facilities Mainenance	2003	4x2 Pickup	$ 35,000					$ 35,000
29	101529	7	Critical	5702	Facilities Mainenance	2003	4x2 Pickup	$ 35,000					$ 35,000
30	101531	7	Critical	5702	Facilities Mainenance	2003	4x2 Pickup	$ 35,000					$ 35,000
31	101546	7	Critical	5702	Facilities Mainenance	2003	4x2 Pickup	$ 35,000					$ 35,000
32	204060	12	High	5702	Facilities Mainenance	1995	Skid Steer Loader	$ 48,000				$ 12,000	$ 60,000
												SUBTOTAL	**$ 373,000**
	ZOO												
33	812002	12	Critical	9523	Zoo Grounds	1997	Forklift	$ 45,000					$ 45,000
34	41114	12	Critical	9523	Zoo Grounds	2000	Turf Truck	$ 30,000					$ 30,000
35	41116	12	Critical	9523	Zoo Grounds	2000	Turf Truck	$ 30,000					$ 30,000
36	102480	7	High	9523	Zoo Grounds	2008	Pickup 4x4 w/dump body	$ 55,000	$ 7,000		$ 5,000		$ 67,000
37	102484	7	High	9523	Zoo Grounds	2010	Pickup 4x4 w/dump body	$ 55,000	$ 7,000		$ 5,000		$ 67,000
38	102508	7	High	9523	Zoo Grounds	2010	Pickup 4x4 w/plow	$ 32,000	$ 7,000				$ 39,000
39	152001	7	Critical	9523	Zoo Grounds	2004	Box Truck	$ 30,000				$ 15,000	$ 45,000
												SUBTOTAL	**$ 323,000**
												TOTAL	**$ 4,459,000**

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO341	WO34101	FLEET HOC EQUIPMENT-2021

2021 Sub-Project Addresses the following item/issue:

Vehicle 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 retain vehicles and equipment that exceed their established allotment.

2021 Scope of Work:

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

2022 - 2025 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 2022 through 2025.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$250,000	$0	$0	$0	$250,000
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$250,000***	***$0***	***$0***	***$0***	***$250,000***

2021 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	$250,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$250,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 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	$250,000	$0	$250,000
TOTAL	***$0***	***$250,000***	***$0***	***$250,000***

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	2021	2
Substantially Completed	2021	4
Scheduled Sub-Project Closeout	2021	0

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

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	CHASSIS MAIN UNIT	633 Plow	635 Wing	425 Spreader	Other Attachments/ Equipment	TOTAL BUDGET
	HOUSE OF CORRECTION												
1	152413	7	High	4311	House of Corrections	2011	Prisoner Transport Van	$ 32,000				$ 25,000	$ 57,000
2	161551	7	Critical	4311	House of Corrections	2007	K-9 Transport Vehicle	$ 39,000				$ 10,000	$ 49,000
3	165012	12	High	4311	House of Corrections	2002	Prisoner Transport Bus	$ 144,000					$ 144,000
												TOTAL	**$ 250,000**

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO342	**WO34201**	**FLEET SHERIFF EQUIPMENT-2021**

2021 Sub-Project Addresses the following item/issue:

Vehicle 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.

2021 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.

2022 - 2025 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 2022 through 2025.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$1,055,000	$0	$0	$0	$1,055,000
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$1,055,000***	***$0***	***$0***	***$0***	***$1,055,000***

2021 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	$1,055,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$1,055,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 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	$1,055,000	$0	$1,055,000
TOTAL	***$0***	***$1,055,000***	***$0***	***$1,055,000***

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	2021	2
Substantially Completed	2021	4
Scheduled Sub-Project Closeout	2021	0

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

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	CHASSIS MAIN UNIT	633 Plow	635 Wing	425 Spreader	Other Attachments/ Equipment	TOTAL BUDGET
	SHERIFF												
1	150435	4	Critical	4021	Sheriff - Patrol	2013	Patrol Utility Truck	$ 45,000				$ 35,000	$ 80,000
2	164407	4	Critical	4021	Sheriff - Patrol	2016	SUV - Pursuit	$ 45,000				$ 24,000	$ 69,000
3	150475	4	Critical	4021	Sheriff - Patrol	2016	SUV - Pursuit	$ 40,000				$ 24,000	$ 64,000
4	150472	4	Critical	4021	Sheriff - Patrol	2016	SUV - Pursuit	$ 40,000				$ 24,000	$ 64,000
5	150444	4	Critical	4021	Sheriff - Patrol	2013	SUV - Pursuit	$ 40,000				$ 24,000	$ 64,000
6	150452	4	Critical	4021	Sheriff - Patrol	2014	SUV - Pursuit	$ 40,000				$ 24,000	$ 64,000
7	150478	4	Critical	4021	Sheriff - Patrol	2016	SUV - Pursuit	$ 40,000				$ 24,000	$ 64,000
8	165997	7	Critical	4021	Sheriff - Patrol	2007	SUV - 4x4 Unmarked	$ 33,000				$ 5,000	$ 38,000
9	165904	7	Critical	4064	Sheriff - SWAT	2005	Utility Truck	$ 55,000				$ 10,000	$ 65,000
10	165905	7	Critical	4064	Sheriff - SWAT	2005	Utility Truck	$ 45,000				$ 10,000	$ 55,000
11	165906	7	Critical	4064	Sheriff - SWAT	2005	Medic Van	$ 40,000				$ 10,000	$ 50,000
12	165907	7	Critical	4064	Sheriff - SWAT	2005	Cargo/Deployment Van	$ 40,000				$ 10,000	$ 50,000
13	165460	20	High	4026	Sheriff - Maritime	1997	Patrol Boat	$ 250,000				$ 13,000	$ 263,000
14	150391	7	Critical	4052	Sheriff - Criminal Investigation	2010	SUV 4x4- Unmarked	$ 30,000				$ 5,000	$ 35,000
15	114202	7	Critical	4086	Sheriff - Civil Process	2011	Sedan	$ 25,000				$ 5,000	$ 30,000
												TOTAL	**$ 1,055,000**

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO343	**WO34301**	**FLEET PARKS EQUIPMENT-2021**

2021 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 able to retain vehicles beyond their established allotment.

2021 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.

2022 - 2025 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 2022 through 2025.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$2,420,000	$0	$0	$0	$2,420,000
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$2,420,000***	***$0***	***$0***	***$0***	***$2,420,000***

2021 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	$2,420,000	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$2,420,000***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 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	$2,420,000	$0	$2,420,000
TOTAL	***$0***	***$2,420,000***	***$0***	***$2,420,000***

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	2021	2
Substantially Completed	2021	4
Scheduled Sub-Project Closeout	2021	0

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

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	CHASSIS MAIN UNIT	633 Plow	635 Wing	425 Spreader	Other Attachments/ Equipment	TOTAL BUDGET
	PARKS GENERAL EQUIPMENT												
1	102485	7	Critical	9136	Parks - Central Region	2007	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
2	102486	7	Critical	9168	Parks - Recreation	2007	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
3	102487	7	Critical	9036	Parks - Golf	2007	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
4	102488	7	Critical	9125	Parks - North Region	2007	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
5	102491	7	High	9136	Parks - Central Region	2010	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
6	102493	7	High	9125	Parks - North Region	2010	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
7	102494	7	High	9168	Parks - Recreation	2010	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
8	102495	7	High	9155	Parks - South Region	2010	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
9	102498	7	High	9430	Park Maintenance	2010	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
10	102503	7	High	9136	Parks - Central Region	2010	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
11	102505	7	High	9036	Parks - Golf	2010	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
12	102507	7	High	9155	Parks - South Region	2010	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
13	102511	7	High	9420	Parks - Forestry	2010	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
14	102518	7	Critical	9155	Parks - South Region	2010	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
15	102519	7	Critical	9155	Parks - South Region	2010	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
16	102544	7	Critical	9136	Parks - Central Region	2011	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
17	102549	7	Critical	9125	Parks - North Region	2011	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
18	102561	7	Critical	9155	Parks - South Region	2011	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
19	102563	7	Critical	9125	Parks - North Region	2011	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
20	102516	7	High	9155	Parks - South Region	2010	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
21	102517	7	High	9155	Parks - South Region	2010	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
22	102526	7	High	9155	Parks - South Region	2010	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
23	102527	7	High	9155	Parks - South Region	2010	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
24	102547	7	High	9125	Parks - North Region	2011	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
25	102551	7	High	9125	Parks - North Region	2011	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
26	102552	7	High	9125	Parks - North Region	2011	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
27	102554	7	High	9125	Parks - North Region	2011	Pickup 4x4 w/ plow	$ 32,000	$ 7,000				$ 39,000
28	152014	7	Critical	9430	Park Maintenance	2003	4x2 Van with Utility Body	$ 30,000				$ 20,000	$ 50,000
29	152537	7	Critical	9430	Park Maintenance	2003	4x2 Van with Utility Body	$ 30,000				$ 20,000	$ 50,000
30	101548	7	Critical	9430	Park Maintenance	2005	4x2 Pickup with Utility Body	$ 35,000				$ 15,000	$ 50,000
31	101549	7	Critical	9430	Park Maintenance	2005	4x2 Pickup with Utility Body	$ 35,000				$ 15,000	$ 50,000
32	201124	12	High	9155	Parks - South Region	2005	72" Mower	$ 30,000				$ 10,000	$ 40,000
33	201125	12	High	9155	Parks - South Region	2005	72" Mower	$ 30,000				$ 10,000	$ 40,000
34	201126	12	High	9036	Parks- Golf	2008	72" Mower	$ 25,000					$ 25,000
35	201127	12	High	9155	Parks - South Region	2008	72" Mower	$ 25,000					$ 25,000
36	201128	12	High	9155	Parks - South Region	2008	72" Mower	$ 25,000					$ 25,000
37	201129	12	High	9036	Parks - Golf	2008	72" Mower	$ 25,000					$ 25,000

LINE	EQUIP NUMBER	DEPR LIFE	PRIORITY CODE	DEPT CODE	ORGANIZATION DESCRIPTION	EQUIP YEAR	EQUIPMENT DESCRIPTION	CHASSIS MAIN UNIT	633 Plow	635 Wing	425 Spreader	Other Attachments/ Equipment	TOTAL BUDGET
38	153061	7	Critical	9050	Parks - Security	2010	SUV 4x4	$ 32,000				$ 4,000	$ 36,000
39	153063	7	Critical	9050	Parks - Security	2010	SUV 4x4	$ 32,000				$ 4,000	$ 36,000
												SUBTOTAL	**$ 1,505,000**
	PARKS FIVE DIGIT EQUIPMENT												
40	20177	12	Critical	9036	Parks - Golf	2000	Greens Mower	$ 45,000					$ 45,000
41	20300	12	Critical	9036	Parks - Golf	2003	Greens Mower	$ 45,000					$ 45,000
42	20301	12	Critical	9036	Parks - Golf	2003	Greens Mower	$ 45,000					$ 45,000
43	20400	12	High	9036	Parks - Golf	2004	Greens Mower	$ 45,000					$ 45,000
44	20401	12	High	9036	Parks - Golf	2004	Greens Mower	$ 45,000					$ 45,000
45	20402	12	High	9036	Parks - Golf	2004	Greens Mower	$ 45,000					$ 45,000
46	20403	12	High	9036	Parks - Golf	2004	Greens Mower	$ 45,000					$ 45,000
47	20404	12	High	9036	Parks - Golf	2004	Greens Mower	$ 45,000					$ 45,000
48	20405	12	High	9036	Parks - Golf	2004	Greens Mower	$ 45,000					$ 45,000
49	20801	12	High	9036	Parks - Golf	2008	Greens Mower	$ 45,000					$ 45,000
50	20802	12	High	9036	Parks - Golf	2008	Greens Mower	$ 45,000					$ 45,000
51	21811	12	High	9036	Parks - Golf	2008	Fairway Mower	$ 58,000					$ 58,000
52	21812	12	High	9036	Parks - Golf	2008	Fairway Mower	$ 58,000					$ 58,000
53	21813	12	High	9036	Parks - Golf	2008	Fairway Mower	$ 58,000					$ 58,000
54	21814	12	High	9036	Parks - Golf	2008	Fairway Mower	$ 58,000					$ 58,000
55	42397	12	Critical	9036	Parks - Golf	2003	Greens Aerator	$ 30,000					$ 30,000
56	42398	12	Critical	9036	Parks - Golf	2003	Greens Aerator	$ 30,000					$ 30,000
57	42400	12	Critical	9036	Parks - Golf	2003	Greens Aerator	$ 30,000					$ 30,000
58	39401	12	Critical	9036	Parks - Golf	2004	Towable Spreader	$ 25,000					$ 25,000
59	39402	12	Critical	9036	Parks - Golf	2004	Towable Spreader	$ 25,000					$ 25,000
60	37402	12	High	9036	Parks - Golf	2004	Debris Blower	$ 8,000					$ 8,000
61	37801	12	High	9036	Parks - Golf	2007	Debris Blower	$ 8,000					$ 8,000
62	37802	12	High	9036	Parks - Golf	2007	Debris Blower	$ 8,000					$ 8,000
63	37803	12	High	9036	Parks - Golf	2007	Debris Blower	$ 8,000					$ 8,000
64	37804	12	High	9036	Parks - Golf	2007	Debris Blower	$ 8,000					$ 8,000
65	37805	12	High	9036	Parks - Golf	2007	Debris Blower	$ 8,000					$ 8,000
												SUBTOTAL	**$ 915,000**
												TOTAL	**$ 2,420,000**

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2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO169	**WO16901**	**TRAINING ACADEMY ROOF REPLACEMENT**

2021 Sub-Project Addresses the following item/issue:

The 2016 VFA asset detail report lists these items as a level 4 priority (recommended) for December of 2021. Replacement before failure is desired to ensure planned replacement allows for regular operations. The existing modified bitumen roof system that has deteriorated to the point of needing replacement. The existing roof area is approximately 24,000 s.f. It is well beyond its useful life. The existing roof system is failing and now requires replacement. There are multiple leaks and temporary patches are common.

2021 Scope of Work:

The scope of work includes planning and design for replacement of the Training Academy Building roof.

2022 - 2025 Scope of Work:

The scope of work includes construction for replacement of the Training Academy Building roof.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$124,178	$0	$0	$0	$124,178
2022	$470,086	$0	$0	$0	$470,086
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$594,264***	***$0***	***$0***	***$0***	***$594,264***

2021 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	$124,178	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$124,178***	

Capital Sub-Project Breakdown

SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$0	$124,178	$0	$124,178
Construction & Implementation	$0	$0	$470,086	$470,086
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$124,178***	***$470,086***	***$594,264***

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	4
Substantially Completed	2022	2
Scheduled Sub-Project Closeout	2022	3

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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO485	**WO48501**	**POD 4D SUICIDE WATCH BARRIER**

2021 Sub-Project Addresses the following item/issue:

The Criminal Justice Facility (CJF) was opened in 1992. The Mental Health Unit (MHU), which is within the CJF, was designed as a location to house inmates with acute mental illness and inmates who are on suicide watch that need to be monitored more regularly than other inmates. MHU has only 19 cells, which is no longer enough to safely house inmates with these issues. There are regularly over 10 inmates with severe mental illness, and over 20 inmates who are on suicide watch that need regular monitoring. With the exception of the Special Medical unit and MHU, there is no other area in the jail for the safe housing of suicide watch inmates due to the existence of second tier in all other housing units. Inmates who are on suicide watch status cannot be left alone in a unit where they would have the ability to jump off a second level. A second level permanent see-through barrier in pod 4D (Sub pod D) would allow staff members to continually monitor inmates while prohibiting the potential of suicide by jumping. The railing will allow surveillance from the control desk and take into consideration adjacent HVAC, lighting and fire protection systems.

2021 Scope of Work:

The project scope includes planning and design for a suicide watch barrier. This may include (but is not limited to) new guardrails for the balconies in Pod 4D of the CJF.

2022 - 2025 Scope of Work:

Construction phase of the project.

Any surplus appropriations available upon completion of an approved project must be lapsed at year-end. Surplus appropriation shall not be used to expand an approved project scope without the approval of the County Board of Supervisors and the County Executive. 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$37,908	$0	$0	$0	$37,908
2022	$176,192	$0	$0	$0	$176,192
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$214,100***	***$0***	***$0***	***$0***	***$214,100***

2021 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$37,908	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		***$37,908***	

Capital Sub-Project Breakdown

SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$0	$37,908	$0	$37,908
Construction & Implementation	$0	$0	$176,192	$176,192
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$37,908***	***$176,192***	***$214,100***

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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO654	**WO65401**	**SECURITY BARRIERS - SAFETY BUILDING 6TH FLOOR DA**

2021 Sub-Project Addresses the following item/issue:

Safety Building, Room 615 is an access point to the District Attorney's office located in the northeast corner of the building on the sixth floor. Victims and witnesses, as well as the public, enter the offices at Room 615. Presently, there are no barriers that prohibit a visitor from roaming the entirety of the northeast quadrant of the sixth floor, all occupied by DA staff. In the event of an Active Shooter, by entering SB615, the shooter would have access to no less than thirty-one (31) persons who work in that area. This project will create a security perimeter or barrier that separates the public access point from the DA staff in the northeast quadrant of the Safety Building.

2021 Scope of Work:

The scope of work includes planning and design for a security perimeter in the Safety Building, Room 615 in the District Attorney's area.

2022 - 2025 Scope of Work:

The scope of work includes construction of the Security Barrier.

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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$41,092	$0	$0	$0	$41,092
2022	$235,668	$0	$0	$0	$235,668
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$276,760***	***$0***	***$0***	***$0***	***$276,760***

2021 Budget Year Financing			
Federal, State & Local Aid	$0	Investment Earnings	$0
Sales & Use Tax	$41,092	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		***$41,092***	

Capital Sub-Project Breakdown

SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$0	$41,092	$0	$41,092
Construction & Implementation	$0	$0	$235,668	$235,668
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$41,092***	***$235,668***	***$276,760***

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	1
Substantially Completed	2022	3
Scheduled Sub-Project Closeout	2022	4

Useful Life (Yrs)

20

Requesting Department or Agency:

District Attorney

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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO535	**WO53501**	**WAR MEMORIAL GRN PRINT PH 1**

2021 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 2020 Adopted Capital Budget included an appropriation of $800,000 to cover additional costs related 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. The scope of the project includes construction for the (already designed) intersection changes where the War Memorial Center drive meets Lincoln.

Additional funding is needed to address increased costs related to: New DNR requirements for removal, disposal and capping of any disturbed turf along the Lakefront infill area.

2021 Scope of Work:

The scope of work includes construction for DNR requirements for removal, disposal and capping of any disturbed turf along the Lakefront infill area related to: 1.) Changes to in/out traffic patterns; 2.) Additional bike path/pedestrian connections at the War Memorial Center.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$1,399,998	$0	$0	$0	$1,399,998
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$1,399,998***	***$0***	***$0***	***$0***	***$1,399,998***

2021 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	$1,399,998	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$1,399,998***	

Capital Sub-Project Breakdown

SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$47,500	$33,976	$0	$81,476
Construction & Implementation	$2,258,476	$1,366,022	$0	$3,624,498
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$2,305,976***	***$1,399,998***	***$0***	***$3,705,974***

Initial Sub-Project Schedule	Year	Qtr
Complete Site Acquisition (if applicable)	NA	0
Complete Preliminary Plan (if applicable)	2019	4
Complete Final Plans & Specs	2019	4
Begin Implementation/Purchase Asset	2021	1
Substantially Completed	2021	2
Scheduled Sub-Project Closeout	2021	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:

Facility_Rehab or Major Maint

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO643	**WO64301**	**WAR MEMORIAL CENTER - FLOOD MITIGATION**

2021 Sub-Project Addresses the following item/issue:

Two storm inlets under the Mason Street Bridge occasionally back up and flood portions of the War Memorial and potentially the Art Museum. Record high lake levels increase this flood risk. In January 2020, the storm sewer backed up and flooded storage rooms, switch gear rooms, and more. A current Army Corps of Engineers report anticipates that lake levels remain above average for most of 2020, with the potential for levels above the existing record levels set in 2019. A large flooding event has the potential to flood the Art Museums art vault, which houses irreplaceable works of art valued at approximately $800 Million. A large flooding event could inundate the main power supply and backup generator that provide power to both the War Memorial and Art Museum. Extended power loss could result in significant damage to the Art Museum's collection.

2018 Sigma Consulting Report: Eliminate flood risk in War Memorial basement and Milwaukee Art Museum as evaluated in the Sigma Group report "War Memorial Center Facility Localized Flooding Evaluation Report" (October 18, 2018).

2021 Scope of Work:

The scope of work includes design and construction phases to eliminate storm sewer backup within the WMC and under the Mason Street Bridge.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$605,880	$0	$0	$0	$605,880
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$605,880***	***$0***	***$0***	***$0***	***$605,880***

2021 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	$605,880	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$605,880***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$50,999	$0	$50,999
Construction & Implementation	$0	$554,881	$0	$554,881
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$605,880***	***$0***	***$605,880***

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)

50

Requesting Department or Agency:

War Memorial

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

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO655	**WO65501**	**WMC (SAARINEN BLDG)-SWITCHGEAR RPLCMNT**

2021 Sub-Project Addresses the following item/issue:

The existing electrical distribution equipment in the Saarinen building feeds power to the entire campus of the War Memorial Center and Milwaukee Art Museum. The equipment is original to the building, unchanged from its 1955 construction and installation. Per an analysis done December 2019 by Leedy & Petzold Associates, consulting electrical engineers, the typical design life for electrical distribution equipment is approximately 30 years. Replacement breakers and parts may not be readily available and will be more expensive and difficult to obtain. Electrical systems components, as they age, may deteriorate over time and lead to failure. The electrical consultants determined the equipment to be currently functional but obsolete. Extended power loss could result in significant damage to the Art Museum's collection.

2021 Scope of Work:

The scope of work includes replacement of the obsolete 60 + year old breakers in Substation #4 of the War Memorial Center - Saarinen building and requires a new 3000 Amp Switchboard including busway, and electrical upgrades as needed to meet current codes.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$459,999	$0	$0	$0	$459,999
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$459,999***	***$0***	***$0***	***$0***	***$459,999***

2021 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	$200,000	Gifts & Cash Contr	$259,999
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$459,999***	

Capital Sub-Project Breakdown

SUB-PROJECT BY PHASE	Prior Yr(s) Approp.	2021 Approp.	2022 - 2025 Approp.	Total Approp.
Basic Planning & Design	$0	$28,421	$0	$28,421
Construction & Implementation	$0	$431,578	$0	$431,578
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$459,999***	***$0***	***$459,999***

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	1
Begin Implementation/Purchase Asset	2021	1
Substantially Completed	2021	3
Scheduled Sub-Project Closeout	2021	4

Useful Life (Yrs)

30

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:

Facility_Rehab or Major Maint

2021 CAPITAL IMPROVEMENTS BUDGET
MILWAUKEE COUNTY

Project No.	Sub-Project No.	Sub-Project Title
WO889	**WO88901**	**PEDESTRIAN PAVEMENT REPLACEMENT (2021)**

2021 Sub-Project Addresses the following item/issue:

The pedestrian pavement around the Marcus Center is deteriorating. The replacement of the pavement is part of a phased approach and integrated into the Marcus Center's campus masterplan. The project is included in the annual County Capital Support agreement with the Marcus Center (Adopted County Board resolution #16-214).

2021 Scope of Work:

The scope of work includes replacement of concrete walk at various locations around the Marcus Center campus, replacement of the drive lane and island on the east side along Water Street and placement of protective pedestrian safety and access bollard. The walks and drive lane are proposed be utilize colored concrete.

2022 - 2025 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 (2021 - 2025)

BUDGET YEAR	CAPITAL APPROPRIATION	CAPITAL REIMBURSEMENT REVENUE			NET COUNTY COMMITMENT
		FEDERAL	STATE	LOCAL/OTHER	
2021	$778,675	$0	$0	$0	$778,675
2022	$0	$0	$0	$0	$0
2023	$0	$0	$0	$0	$0
2024	$0	$0	$0	$0	$0
2025	$0	$0	$0	$0	$0
TOTAL	***$778,675***	***$0***	***$0***	***$0***	***$778,675***

2021 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	$778,675	Gifts & Cash Contr	$0
Airport Reserve	$0	Other Revenue	$0
Total Budget Year Financing		***$778,675***	

Capital Sub-Project Breakdown				
SUB-PROJECT BY PHASE	**Prior Yr(s) Approp.**	**2021 Approp.**	**2022 - 2025 Approp.**	**Total Approp.**
Basic Planning & Design	$0	$88,244	$0	$88,244
Construction & Implementation	$0	$690,431	$0	$690,431
Right-of-Way Acquisition	$0	$0	$0	$0
Equipment	$0	$0	$0	$0
TOTAL	***$0***	***$778,675***	***$0***	***$778,675***

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	2
Substantially Completed	2021	4
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:

Hard-Surface (Non-Roadway)

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2021 ADOPTED CAPITAL IMPROVEMENTS
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
2021 - 2025

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5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
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				647,267		647,267	541,864		541,864						
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	100,000		100,000	100,000		100,000	100,000		100,000
DAS-FM-EE	WV01201	Pond and Lagoon Demonstration Project				100,000		100,000	1,500,000		1,500,000						
DAS-FM-EE	WV01601	NR216 Stormwater TSS Controls							100,000		100,000	500,000		500,000	500,000		500,000
DAS-FM-EE	WV04101	Oak Creek Skate Lift station	63,306		63,306	495,306		495,306									
DAS-FM-EE	WV04301	Oakwood Lift Station Upgrade	93,574		93,574				655,289		655,289						
DAS-FM-EE	WV04401	Mitchell Park Lift Station Upgrade				50,000		50,000	200,000		200,000						
DAS-FM-EE	WV04501	HOC WWTP Demolition							295,000		295,000						
DAS-FM-EE	WV02101	Oak Creek Streambank Stabilization				537,531		537,531									
DAS-FM-EE	WV05101	Lead Pipe Lateral Replacement Placeholder							266,199		266,199	150,000		150,000			
DAS-FM-EE	WV05301	Food Services Bldg demolition										968,000		968,000			
DAS-FM-EE	WV05401	County-wide Sanitary Sewers Repairs-2021	150,001		150,001												
DAS-FM-EE	WV05501	Lead Pipe Lateral Replacement-Phase 1				193,200		193,200									
DAS-FM-FM	WS04801	Rose Senior Center Roof Replacement				357,000		357,000									
DAS-FM-FM	WS11101	Wilson Senior Center Access Lighting				14,885		14,885	116,441		116,441						
DAS-FM-FM	WS05101	McGovern Senior Center Flooring and Ceiling Repl							208,019		208,019						
DAS-FM-FM	WS05301	Kelly Senior Center Fitness Area Restrooms				315,180		315,180									
DAS-FM-FM	WS05501	Kelly SC HVAC Unit				430,746		430,746									
DAS-FM-FM	WS05901	Rose Senior Center New Kitchen				177,551		177,551									
DAS-FM-FM	WS06201	Wilson Senior Center Restroom ADA Renovations				194,830		194,830	1,308,134		1,308,134						
DAS-FM-FM	WS06701	Kelly Sr Center Window Renovations				233,771		233,771									

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DAS-FM-FM	WS10001	Rose Senior Center Restroom Renovation				141,453		141,453									
DAS-FM-FM	WS04005	McGovern Main Kitchen Replacement										128,173		128,173			
DAS-FM-FM	WS11601	Washington Senior Center Access Lighting				140,243		140,243									
DAS-FM-FM	WS11801	McGovern Sr Center Restroom ADA Updates							102,000		102,000						
DAS-FM-FM	TBD	CH Complex Courts Cameras/Monitors Phase 1				469,000		469,000									
DAS-FM-FM	TBD	Safety Building-Facade Rprs & Inspect Phase 1				500,000		500,000									
DAS-FM-FM	TBD	CH - Elevator Modernization				100,000		100,000	1,250,000		1,250,000	1,000,000		1,000,000			
DAS-FM-FM	TBD	CH - VAV Renewals										100,000		100,000			
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	WC20101	Courthouse Piping Repair-Asbestos Abate-Phase 1				200,000		200,000									
DAS-FM-FM	WC16301	Annex Parking Lot				625,597		625,597									
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							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						
DAS-FM-FM	WC20801	Courthouse Complex Swingspace-Clerk of Courts				435,998		435,998									
DAS-FM-FM	WC20901	Forensic Science Center-Phase 2	3,276,215		3,276,215	24,775,868		24,775,868	3,966,498		3,966,498	3,966,498		3,966,498			
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			

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
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	2,740,376		2,740,376												
DAS-FM-FM	WC05201	Jury Management PA and AV				113,400		113,400									
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	WO28601	Facilities Space Management Software				100,000		100,000									
DAS-FM-FM	WC21601	CH Complex Improvements-CJF Caulking Phase 2	1,013,061		1,013,061												
DAS-FM-FM	WC21701	CH Complex Facade Inspect & Repair-Phase 3	132,291		132,291	973,726		973,726									
DAS-FM-FM	WC21901	CH Complex Fire Alarm Replacement	1,823,410		1,823,410												
DAS-FM-FM	WC22001	CJF-Replace Detention Automatic Faucets				762,948		762,948									
DAS-FM-FM	WC22201	Courthouse Cmplx-Interior Finishes Renew-Phase 1				158,837		158,837				1,039,693		1,039,693			
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				410,367		410,367									
DAS-FM-FM	WG10101	Vel Phillips-Wood Window Replmnts-Plan Plchldr				120,000		120,000									
DAS-FM-FM	WC22601	Courthouse Negative Pressure Mitigation				43,609		43,609	697,612		697,612						
DAS-IMSD	TBD	IMSD Operational Enhancements-Plning Plchldr							150,000		150,000	150,000		150,000			
DAS-IMSD	WO21701	Phone and Voicemail Replacement	422,025		422,025												
DAS-IMSD	WO19601	Wireless Infrastrctr Cnty Bldgs-Plan Placeholder							250,000		250,000	250,000		250,000			
DAS-IMSD	WO19701	Wireless Infrastrctr Cnty Bldgs-Phase 1				290,000		290,000									
DAS-IMSD	WO32101	Enterprise Video Surveillance Program-Phase 1				817,790		817,790									
DAS-IMSD	WO30001	Asset Protection-Remediation Services-Pln Plhdr				500,000		500,000	300,000		300,000	300,000		300,000			
DAS-IMSD	WO33001	IMSD Operational Enhancements-Phase 1				372,000		372,000									
DAS-IMSD	WO33101	Intranet Upgrades 2 & 3							500,000		500,000						
DAS-IMSD	WO55101	CJIS Remediation	485,120		485,120												

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*
DAS-IMSD	WO55201	Enterprise Data and Analytics-Planning Plchdr							392,917		392,917	396,775		396,775			
DAS-IMSD	WO29701	Asset Protection-Security Subscriptions-Phase 1				460,000		460,000									
DAS-IMSD	WO65301	Asset Protection-Remediation Services-Phase 2				707,500		707,500									
DAS-IMSD	WO64801	Enterprise Video Surveillance-Planning Plchldr				500,000		500,000									
DAS-IMSD	WO64701	Enterprise Platform Modernization-Phase 3	1,350,000		1,350,000	2,000,000		2,000,000									
DAS-IMSD	WO65001	Phone and Voicemail-Fax Solution-Phase 1				264,600		264,600									
DAS-IMSD	WO65201	Enterprise Virtual Desktop Srvcs-Hrdwre-Phase 1				337,500		337,500									
DAS-OPD	TBD	Countywide ADA Repairs-Phase 4				300,000		300,000									
DAS-OPD	WO18801	Countywide ADA Repairs-Planning Placeholder							300,000		300,000	300,000		300,000	300,000		300,000
DAS-OPD	WO18901	Countywide ADA Repairs-Phase 3				405,945		405,945									
DAS-OPD	WO22701	WOW-Grant Rec Ctr Siding				66,184		66,184	433,207		433,207						
DAS-OPD	WO64001	WOW Underwood - Roof (Bitumen) Covering Replmnt										110,000		110,000	110,000		110,000
DAS-OPD	WO64601	Lincoln Blatz & South Shore Pavilions ADA Accessibility				247,080		247,080				1,617,300		1,617,300			
DHHS	WS10201	Control Center Panel Replacement	25,895		25,895	202,590		202,590									
DHHS	WO53601	DHHS Document Scanning				110,000		110,000									
DHHS	WS12401	Secure Youth Facility Phase 1				2,675,495	15,215,293	17,890,788									
DHHS	WS12601	Youth Services Admin Relocation and Tenant Imprv	4,663,816		4,663,816				6,391,240		6,391,240						
DA	WO65401	Security Barriers - Safety Building 6th Floor DA	41,092		41,092	235,668		235,668									
HOC	WJ08401	HOC Steel and Glass Greenhouse													335,000		335,000
HOC	WJ10301	HOC Surges Building Roof Replacement										508,732		508,732			
HOC	WJ10401	HOC Lotter Building Roof Replacement							503,537		503,537						
HOC	WJ07901	HOC New Parking Outside Secure Perimeter							993,416		993,416						
HOC	WJ10801	HOC Camera Storage SAN Upgrade				271,900		271,900									
HOC	WJ11101	HOC Admin 600 and 400 Dorm Kitchen Equipment				1,154,007		1,154,007									
HOC	WJ11201	HOC Admin Building Roof Replacement	112,399		112,399	1,429,209		1,429,209									
MARCUS CNTR	TBD	Pedestrian Pavement Replacement (2024)											780,000	780,000			
MARCUS CNTR	TBD	Todd Wehr Theater Entrance (2025)													500,000		500,000

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*
MARCUS CNTR	WO88901	Pedestrian Pavement Replacement (2021)	778,675		778,675												
MARCUS CNTR	WO54101	Pedestrian Pavement Replacement (2022)				773,000		773,000									
MARCUS CNTR	WO54201	Pedestrian Pavement Replacement (2023)							860,000		860,000						
DOT-AIRPORT	TBD	Terminal Facility Upgrades				1,600,000	2,400,000	4,000,000									
DOT-AIRPORT	TBD	GRE Apron Rehab (Place Hold)				260,274	1,821,917	2,082,191									
DOT-AIRPORT	TBD	North Apron Rehab (Place Hold)				202,592	1,418,141	1,620,733									
DOT-AIRPORT	TBD	Taxiway D Rehab (Place Hold)				85,609	599,263	684,872									
DOT-AIRPORT	TBD	GMIA HVAC Cooling Tower Replace							1,391,129		1,391,129						
DOT-AIRPORT	TBD	GMIA Taxiway R Rehab (North Segment) - Place Hold							664,786	4,653,506	5,318,292						
DOT-AIRPORT	TBD	GMIA Runway 1L/19R Rehab - South of 7R (Place Hold)							2,717,049	19,019,341	21,736,390						
DOT-AIRPORT	TBD	GMIA County-based Concourse E Fuel Infrastructure							5,000,000		5,000,000						
DOT-AIRPORT	TBD	GMIA Gate D30 Fuel Pit							3,000,000		3,000,000						
DOT-AIRPORT	TBD	MWC Obstruction Removal (Place Hold)										2,500	47,500	50,000			
DOT-AIRPORT	TBD	MWC 15L/33R Obstruction Removal (Place Hold)										13,261	251,964	265,225			
DOT-AIRPORT	TBD	GMIA Taxiway R and Q Pavement Rehab (Place Hold)										47,464	332,245	379,709			
DOT-AIRPORT	TBD	GMIA Taxiway R Rehab (Place Hold)										2,060,188	14,421,316	16,481,504			
DOT-AIRPORT	TBD	MWC Runway 15L/33R, Taxiway B and Connectors Design Program										66,080	1,255,524	1,321,604			
DOT-AIRPORT	TBD	GMIA South Apron (Place Hold)													2,459,748	17,218,235	19,677,983
DOT-AIRPORT	TBD	GMIA Bollard Outside Ticketing													922,405		922,405
DOT-AIRPORT	TBD	MWC Control Tower Parking Lot													4,230	80,365	84,595
DOT-AIRPORT	TBD	MWC East Entrace Road (Reconstruction)													38,517	731,818	770,335
DOT-AIRPORT	TBD	GMIA Part 150 Noise Barrier Design													100,000	900,000	1,000,000
DOT-AIRPORT	TBD	GMIA Part 150 Noise Ramp Electrification Design													35,000	315,000	350,000
DOT-AIRPORT	WA25901	GMIA Parking Structure Repair Planning Placehold										1,343,309		1,343,309	1,531,609		1,531,609
DOT-AIRPORT	WA23001	GMIA Airfield Safety Imprvmnt-Planning Placehold				124,453	871,172	995,625									
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		350,000	350,000			

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DOT-AIRPORT	WA25001	GMIA Airfield Drainage Improvements Placehold				62,500	437,500	500,000	62,500	437,500	500,000						
DOT-AIRPORT	WA25601	LJT Runway 15L-33R Extension							15,500	294,500	310,000	282,907	5,375,233	5,658,140			
DOT-AIRPORT	WA28001	GMIA Parking Strc Replace Decorative Metal Panel	2,963,190		2,963,190												
DOT-AIRPORT	WA28201	GMIA Concourse D Roof Replacement				535,466		535,466	764,909		764,909						
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							25,000		25,000	2,055,693		2,055,693			
DOT-AIRPORT	WA29501	GMIA Parking Structure Expansion Joint Replcmnt							579,637		579,637				902,727		902,727
DOT-AIRPORT	WA29901	GMIA Taxiway A Extension	1,259,008	8,813,059	10,072,067												
DOT-AIRPORT	WA37701	GMIA South Maintenance Air Handling Unit	259,575		259,575	2,031,095		2,031,095									
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	WA38101	GMIA Roof Replacement Planning Placeholder							1,575,715		1,575,715						
DOT-AIRPORT	WA38201	GMIA Noise Exposure Map							230,000	2,070,000	2,300,000						
DOT-AIRPORT	WA38301	LJT Maintenance Garage							324,000		324,000						
DOT-AIRPORT	WA38601	GMIA Moving Walkway Placeholder										4,465,756		4,465,756	1,000,000		1,000,000
DOT-AIRPORT	WA38801	LJT Joint Fill and Sealcoat Planning Placeholder										2,400	45,600	48,000			
DOT-AIRPORT	WA33301	GMIA Elevators L & N Replacement													1,743,148		1,743,148
DOT-AIRPORT	WA38901	LJT Obstruction Removal													12,500	237,500	250,000
DOT-AIRPORT	WA39001	GMIA Central Plant Chiller Replacement										2,865,727		2,865,727			
DOT-AIRPORT	WA39401	Parking Structure Repair - 2021	1,465,476		1,465,476							1,304,183		1,304,183			
DOT-AIRPORT	WA27901	GMIA Employee Parking Lot Pavement Rehab													996,770		996,770
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	WO34001	Fleet General Equipment-2021	4,459,000		4,459,000												

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DOT-FLEET	WO34101	House of Correction Fleet Equipment-2021	250,000		250,000												
DOT-FLEET	WO34201	Sheriff Fleet Equipment-2021	1,055,000		1,055,000												
DOT-FLEET	WO34301	Fleet Parks Equipment-2021	2,420,000		2,420,000												
DOT-FLEET	WO72201	Inmate Processing Area/Holding Cell Completion				37,548		37,548	319,885		319,885						
DOT-HWY	WH24201	North Shop Improvement				11,471,996		11,471,996									
DOT-HWY	WH10701	Short Term CTH Rehabilitation 2021				500,000		500,000									
DOT-TRANSIT	TBD	KK Washhouse Bldg heating system upgrades							191,894		191,894						
DOT-TRANSIT	WT07801	KK Garage Roof Replacement				3,582,728		3,582,728									
DOT-TRANSIT	WT10601	Bus Lift Replacement (2) (KK Garage)	676,829		676,829												
DOT-TRANSIT	WT10501	Maintenance Work Order System (Transit)				1,000,000		1,000,000									
DOT-TRANSIT	WT10801	HVAC Replacement-KK Bus Storage/Washhouse				1,570,362		1,570,362									
DOT-TRANSIT	WT10901	Bus Lift Replacement (7) (Maint Facility)	2,368,856		2,368,856												
DOT-TRANSIT	WT11001	Glass Panel Wall Replacement-Transit Admin Bldg							175,000		175,000						
DOT-TRANSIT	WT11101	Concrete Yard Replacement (KK Garage site)				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)				197,517		197,517				1,545,487		1,545,487			
DOT-TRANSIT	WT11501	Lighting Improvements (KK Garage)				61,105		61,105	478,113		478,113						
DOT-TRANSIT	WT11601	Bus Lift Decking Replacement (FDL Garage)							200,000		200,000						
DOT-TRANSIT	WT05901	MCTS Admin Building Lighting Upgrades				48,598		48,598				380,227		380,227			
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	WT12501	Bus Replacement Program-2021	7,000,000		7,000,000												
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)	55,497		55,497	434,207		434,207									

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*
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						
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				328,887		328,887									
DOT-TRANSIT	WT14101	Exhaust System Replacement-KK Washhouse Bldg				244,416		244,416									
DOT-TRANSIT	WT14901	FDL Garage Trnspt Bldg Roof Rplcmnt	95,122		95,122	625,889		625,889									
DOT-TRANSIT	WT14801	FDL Garage Fire Alarm & Sprinkler Replacement	2,565,721		2,565,721												
DOT-TRANSIT	WT14301	CAD/AVL System and Radio Replacement (buses)				3,300,000		3,300,000									
DOT-TRANSIT	WT14401	Replace Routers on MCTS Buses				600,000		600,000									
DOT-TRANSIT	WT14501	Intelligent Vehicle Network Replacement (buses)				1,800,000		1,800,000									
DOT-TRANSIT	WT15001	FDL Garage Transportation Bldg HVAC Repl	38,332		38,332	246,019		246,019									
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				105,613		105,613				802,280		802,280			
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						

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*
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	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	WM05101	MPM-North Stairwell Structural Wall Repair	375,780		375,780												
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	WO27001	700MHz Back-Up Radio System (County)-Phase 1				1,148,728		1,148,728									
EMERGENCY MNGT	WO49801	800MHz Doppler System				150,000		150,000									
EMERGENCY MNGT	WO29201	700MHz Back-Up Radio System (County)-Phase 2				1,148,728		1,148,728									
EMERGENCY MNGT	WO33901	Tornado Sirens				1,500,000		1,500,000									
EMERGENCY MNGT	WO54801	OEM 911 CAD Replacement				2,389,601		2,389,601	2,389,601		2,389,601						
EMERGENCY MNGT	WO72401	OEM-EMS Information Builders				229,237		229,237									
EMERGENCY MNGT	WO72501	Vel Philips - Bi Directional Amplifier (BDA)				123,283		123,283									
EMERGENCY MNGT	WO26701	Communications Info-Video Wall				150,000		150,000									
SHERIFF	TBD	Training Academy Interior Lighting Replacement				167,000		167,000									
SHERIFF	TBD	Training Academy Painted Wall Finish				108,000		108,000									

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*
SHERIFF	TBD	Training Academy Ceiling Replacement				143,000		143,000									
SHERIFF	TBD	Security Checkpoint & CJF Metal Detectors/Magnetometers/scanners and related equipment replacement													150,000		150,000
SHERIFF	WO16901	Training Academy Roof Repairs	124,178		124,178	470,086		470,086									
SHERIFF	WO17001	Training Academy Tactical House				453,000		453,000									
SHERIFF	WO44901	Automated License Plate Readers				250,920		250,920									
SHERIFF	WO46901	PSB Fast ID Remote Booking (30 Units)							180,000		180,000						
SHERIFF	WO47801	Sheriff PSB CID Computer Hardware/Software				100,000		100,000									
SHERIFF	WO47901	CJF Kitchen Upgrades				1,104,504		1,104,504									
SHERIFF	WO48501	CJF Pod 4D Renovations	37,908		37,908	176,192		176,192									
SHERIFF	WO49201	Sheriff PSB Predictive Analytics										100,000		100,000			
SHERIFF	WO87901	Training Academy Security Improvement				429,980		429,980									
SHERIFF	WO16801	Training Academy HVAC-Plumbing Replacements				125,178		125,178									
SHERIFF	WO49101	Lakefront Cameras & Video Analytics				696,140		696,140									
SHERIFF	WO27601	Sheriff Radio Replacement Placeholder				500,000		500,000	500,000		500,000	500,000		500,000	500,000		500,000
SHERIFF	WO20001	Training Academy Parking Lot Replacement				1,442,575		1,442,575									
SHERIFF	WO29301	Sheriff Foreclosure Sale & Posting Solution				199,200		199,200									
SHERIFF	WO63801	CCFC Camera System-Phase 3				694,467		694,467									
PARKS	TBD	Dineen Park Playground Replacement				275,000		275,000									
PARKS	TBD	AC Hanson Playground Replacement													275,000		275,000
PARKS	TBD	Algonquin Park Walkway Replacement				200,923		200,923									
PARKS	TBD	Bradford Beach Volleyball Court Replacement													125,000		125,000
PARKS	TBD	Brown Deer Park Pedestrian Bridges Replacement (#'s 1-9)													405,000		405,000
PARKS	TBD	Cannon Park Bathhouse - ADA Accessibility (Election Commission)													100,000		100,000
PARKS	TBD	Carver Indoor Baseball Renewal (Electric/HVAC/Plumbing/Roof)				100,000		100,000									
PARKS	TBD	Cooper Park Wading Pool Sand, Fence & Splash Pad Upgrade													320,000		320,000
PARKS	TBD	Copernicus Park Walkway Replacement				271,915		271,915									
PARKS	TBD	Currie DEA Renovation-Re-grade, pave entrance TB walking paths & drainage				120,000		120,000									

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
PARKS	TBD	Currie Park Parking Lot-Service yard				194,064		194,064									
PARKS	TBD	Gordon Park Playground Replacement													275,000		275,000
PARKS	TBD	Greenfield Park Replacement 116th St. entrance to parking lot Picnic Areas 1 & 5				206,974		206,974									
PARKS	TBD	Hansen Park Upgrade 3 cart bridges & 1 vehicular				1,000,000		1,000,000									
PARKS	TBD	Holler Park/Underwood Creek Basketball Replacement													160,000		160,000
PARKS	TBD	Humboldt Park Light Pole Replacement													584,000		584,000
PARKS	TBD	Jacobus Park Playground Replacement													400,000		400,000
PARKS	TBD	King Community Center Roof replacement				360,000		360,000									
PARKS	TBD	King Skate Shelter Roof replacement				100,000		100,000									
PARKS	TBD	Kinnickinnic River Parkway Parking Lot-22nd and Oklahoma at Simmons Field													385,270		385,270
PARKS	TBD	Kinnickinnic River Parkway Replacement 29th St. to 31st St.													191,321		191,321
PARKS	TBD	Kinnickinnic River Parkway Replacement 57th St. to 60th St.				305,834		305,834									
PARKS	TBD	Kinnickinnic River Parkway Replacement Jackson Park Dr. (south side of river) 58th to Cleveland Ave.				1,284,607		1,284,607									
PARKS	TBD	Kinnickinnic River Parkway Replacement Spur to 22nd St. and Oklahoma Ave.				283,002		283,002									
PARKS	TBD	KK River PKWY Tennis Replacement										575,000		575,000			
PARKS	TBD	KK Sports Complex Playground Replacement													275,000		275,000
PARKS	TBD	Kletzsch Park Replacement Green Bay Rd. to park drive													180,707		180,707
PARKS	TBD	LaFollette Park Basketball Replacement				160,000		160,000									
PARKS	TBD	LaFollette Park Tennis Replacement				345,000		345,000									
PARKS	TBD	Lake Park Irrigation/Tees/Greens													1,000,000		1,000,000
PARKS	TBD	Lindsay Park Playground Replacement													275,000		275,000
PARKS	TBD	Madison Park Walkway Replacement				436,642		436,642									
PARKS	TBD	McCarty Park Walkway Replacement													709,039		709,039
PARKS	TBD	McKinley Park (Marina) Parking Lot-Sailing Center							347,364		347,364						
PARKS	TBD	McKinley Park (Marina) Parking Lot-Yacht Club													254,573		254,573
PARKS	TBD	North Region Trails Re-routes/plantings/Signage/Marketing/Structures													200,000		200,000
PARKS	TBD	Oak Creek Parkway Pedestrian Bridges Replacement (#'s 0-5)													270,000		270,000

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*
PARKS	TBD	Oak Creek Parkway Walkway Replacement													1,588,975		1,588,975
PARKS	TBD	Oak Leaf Trail - 94th to 107th										295,856		295,856			
PARKS	TBD	Oak Leaf Trail - Adjacent to east side of LMD between Water Tower Road and Lake service yard													512,935		512,935
PARKS	TBD	Oak Leaf Trail - Between Michigan Ave. and Veterans parking lot				312,945		312,945									
PARKS	TBD	Oak Leaf Trail - Between the north entrance to Lake Park and and the Newberry Blvd entrance													152,614		152,614
PARKS	TBD	Oak Leaf Trail - In Lake Park between golf course parking lot & North Ave.				262,566		262,566									
PARKS	TBD	Oak Leaf Trail - Milwaukee River between Silver Spring Dr. to north boundary of Lincoln Park													210,294		210,294
PARKS	TBD	Oak Leaf Trail - Root River Parkway between 108th & 116th @ Morgan				385,375		385,375									
PARKS	TBD	Oak Leaf Trail - Silver Spring Dr. to Bobolink Ave.				174,734		174,734									
PARKS	TBD	Oak Leaf Trail - South side of Drexel between C&NW RR and Howell Ave.													365,118		365,118
PARKS	TBD	Park Pedestrian Bridges Replacement (Ceasar 1, ESB Trail #2, Jackson 8, Jacobus (3&4), Kulwicki 9, Lake Park (1,2,7,9), Root River 6)													540,000		540,000
PARKS	TBD	Parks Maintenance Roof replacement													100,000		100,000
PARKS	TBD	Pulaski Park Parking Lot-Pool													159,170		159,170
PARKS	TBD	Pulaski-Cudahy/Rawson/Froemming Park Walkway Replacement				119,542		119,542	159,814		159,814						
PARKS	TBD	Sheridan Park Parking Lot-Across from pool near Picnic Areas 3 & 4/W. Side of Service Building													160,040		160,040
PARKS	TBD	Whitnall Visitors Center Roof replacement				200,000		200,000									
PARKS	TBD	Zablocki Park Parking Lot-Pavilion													455,715		455,715
PARKS	TBD	Zablocki Pavilion/Warnimont Golf Office/Wis. Ave Office Renewal													125,000		125,000
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	1,623,596		1,623,596												
PARKS	WP32001	North Point Parking Lot				2,607,922		2,607,922									
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	595,104		595,104												
PARKS	WP55101	Pulaski Park Pavilion Exterior Improvements				108,300		108,300	708,871		708,871						

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
PARKS	WP54201	Sheridan Dressing Yard Replacement													53,154		53,154
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 & Service Yard				135,188		135,188	1,057,764		1,057,764						
PARKS	WP62501	Dretzka Park-Lighting, Stormwater, Parking Imprv				1,084,421		1,084,421									
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	278,737		278,737												
PARKS	WP53501	Pulaski-Cudahy Park Playground Replacement	278,737		278,737												
PARKS	WP54101	Replace Pool Filter Systems-Humboldt, Jacobus, and Alcott				210,000		210,000									
PARKS	WP42501	Playground Resurfacing - Phase 1	325,231		325,231												
PARKS	WP52301	Lake Park Steel Arch Bridge				915,654		915,654									
PARKS	WP34401	Replace Incandescent with HPS				120,000		120,000	938,941		938,941						
PARKS	WP56301	KK Sports Parking Lot Replacement							19,000		19,000	190,000		190,000			
PARKS	WP32201	Currie Park - Cart Paths, Parking Lot, Road							600,000		600,000	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			

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
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			
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	Honey Creek Parkway 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	WP59701	Kulwicki Roof Replacement													100,000		100,000
PARKS	WP59801	Dretzka Park Lighting Replacement										300,000		300,000			
PARKS	WP63301	Hales Corners Wading Pool Rehabilitation										250,000		250,000			

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
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	WP63801	Kops Playground Replacement										275,000		275,000			
PARKS	WP63901	Root River Lighting Replacement - Lincoln to National										400,000		400,000			
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	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
PARKS	WP64201	Wifi Installation Placeholder				100,000		100,000									
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	WP09101	Bender Park Road to Boat Launch Replacement										87,000		87,000	870,000		870,000
PARKS	WP68201	Whitnall Clubhouse HVAC Rplcmnt-Kitchen Remodel	167,205		167,205	1,073,295		1,073,295									
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	100,000		100,000
PARKS	WP37201	McKinley Park Flushing Channel				3,446,389		3,446,389									
PARKS	WP64801	Estabrook Dam Parking Lot Elimination				17,000		17,000	170,000		170,000						
PARKS	WP65101	Kosciuszko Gym Roof Replacement							200,000		200,000						
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 Park-Replace Parking Lot & Cart Path Impr	232,981		232,981	1,970,947		1,970,947	603,806		603,806						
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						

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*
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						
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	WP68001	Wisconsin Avenue Playground Replacement							275,000		275,000						
PARKS	WP68101	Zablocki Golf Restroom Renovation							300,000		300,000						
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				27,057		27,057	247,893		247,893						
PARKS	WP69501	Washington Park Bridge Replacements	118,414		118,414	926,543		926,543									
PARKS	WP69901	Grant Park Campground Complex													184,257		184,257
PARKS	WP70101	Grant Park North Access Roads-Parking Lots	1,255,925		1,255,925												
PARKS	WP70201	McKinley – Veterans Parks Seawall				1,582,272		1,582,272									
PARKS	WP70301	King Park Skate Shelter-Eliminate High Voltage				1,126,811		1,126,811									
PARKS	WP70501	Cool Waters Heaters				83,407		83,407	652,594		652,594						

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*	*County*	*Non-County*	*Total*
PARKS	WP70601	South Shore Breakwater	1,066,471		1,066,471	9,220,809		9,220,809	6,508,806		6,508,806						
PARKS	WP70701	Old Loomis Road Reconstruction	170,000		170,000	390,000	540,000	930,000									
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	WP71201	South Shore Park Pavilion - North Yard Imprvmnts				512,000		512,000									
PARKS	WP71401	Mitchell Domes Renovation										13,000,000	53,000,000	66,000,000			
PARKS	WP72901	Boerner Garden House Boiler Replacement	105,418		105,418	676,680		676,680									
PARKS	WP71801	Mitchell Park Domes Mesh/Structure Inspection & Repair	500,001		500,001							243,800		243,800			
PARKS	WP72701	Oak Leaf Trail Zip Line Sinkhole	689,838		689,838												
PARKS	WP72301	Parks Bridges - Repairs-Replcmnt -Phase 1				35,283		35,283	276,048		276,048						
PARKS	WP72401	Aquatics Master Plan				200,000		200,000									
PARKS	WP55001	Parks Demolitions - Phase 1				578,974		578,974									
PARKS	WP72801	Highland Park Playground Remove & Restore	146,447		146,447												
PARKS	WP72601	Lindsay Playground Replacement	278,737		278,737												
PARKS	WP72501	Vogel Playground Replacement	278,737		278,737												
WMC	TBD	Underbridge Joint & Spall Repair Include Doors				240,000		240,000				600,000		600,000	600,000		600,000
WMC	TBD	WMC Elevator #3 Freight							302,816		302,816						
WMC	TBD	Stair requirements North Concrete #7													20,000		20,000
WMC	WO52401	Veterans Gallery Windows										360,000		360,000			
WMC	WO53501	WAR MEMORIAL GRN PRINT PH 1	1,399,998		1,399,998												
WMC	WO64301	War Memorial Center - Flood Mitigation	605,880		605,880												
WMC	WO65501	WMC (Saarinen Bldg)-Switchgear Rplcmnt	200,000	259,999	459,999												
ZOO	WZ14101	Zoo Adventure Africa-Rhinos Exhibit				5,000,000	5,000,000	10,000,000									
ZOO	WZ17001	Alaska's Cold Coast										500,000	500,000	1,000,000	6,085,551	6,085,551	12,171,102
ZOO	WZ13501	Zoo Aquatic & Reptile Center Structural Repairs				291,147		291,147									
ZOO	WZ17401	Zoo Front Entrance-Admissions Reconfiguration				200,000		200,000	2,400,000		2,400,000						

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
ZOO	WZ17501	Zoo Front Entrance-Penguins Exhibit				200,000		200,000	500,000		500,000						
ZOO	WZ17701	Zoo Parking Lot #4-Repavement				1,192,803		1,192,803									
ZOO	WZ18001	Family Farm Splash Pad							695,000	695,000	1,390,000						
ZOO	WZ11901	Adventure Africa - Elephants - Pool Filtration System	2,020,036	2,020,035	4,040,071												
DOT-TRNS SRV	TBD	Root River Parkway Connector Bridge over Root River P-40-0566													100,000		100,000
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.				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	WH11001	W Beloit Rd (CTH T)-S 124th St to S Wollmer Rd	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	275,000		275,000	2,835,004	1,514,996	4,350,000						
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	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	87,437	786,936	874,373									
DOT-TRNS SRV	WH12201	W Hampton Ave. (CTH EE)-N 76th St to N 60th St										527,500		527,500	702,500		702,500
DOT-TRNS SRV	WH12301	W Rawson Ave (CTH BB)- S North Cape Rd to USH 45										132,000		132,000	182,000		182,000
DOT-TRNS SRV	WH12401	S 13th St (CTH V)-W County Line Rd to W Ryan Rd										460,000		460,000	960,000		960,000
DOT-TRNS SRV	WH12501	W Good Hope Rd Bridge (EB)-Milw River B-40-0372										100,000		100,000	100,000		100,000
DOT-TRNS SRV	WH12601	W Good Hope Rd Bridge (WB)-Milw River B-40-0373										100,000		100,000	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	3,500,000		3,500,000
DOT-TRNS SRV	WH12801	Union Pacific RR Bridge-Oak CrkParkway P-40-0571										150,000		150,000			

5-Year Capital Improvements Plan by Department

DEPT	Project	Project Description	2021 - BUDGET			2022			2023			2024			2025		
			County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total	County	Non-County	Total
DOT-TRNS SRV	WH12901	Swan Blvd Bridge over Menomonee River B-40-0511							175,000		175,000	175,000		175,000	1,900,000		1,900,000
DOT-TRNS SRV	WH11601	S 76th St Bridge B-40-0573 (NB) over Loomis Rd				236,861	947,444	1,184,305									
DOT-TRNS SRV	WH01006	Reconstruct CTH "Y" Layton Avenue 27th to 43rd	4,688,646	1,511,354	6,200,000												
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	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	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			
DOT-TRNS SRV	WH24701	E Rawson Ave. (CTH BB)-S 13th St to S Howell Ave	55,000	220,000	275,000	55,000	275,000	330,000	55,000	275,000	330,000	57,000	228,000	285,000	1,254,000	5,016,000	6,270,000
		Total Funding by Year:	**63,243,125**	**17,013,196**	**80,256,321**	**202,219,634**	**35,250,524**	**237,470,158**	**194,856,213**	**38,509,448**	**233,365,661**	**306,641,163**	**80,907,382**	**387,548,545**	**96,286,552**	**39,144,469**	**135,431,021**
		Total Projects by Year:	**64**			**235**			**177**			**123**			**99**		

This table reflects 2021 BUDGET appropriations while years 2022 - 2025 represent anticipated or planned projects. Appropriations have only been made for the 2021 BUDGET year. Any 2021 requested projects NOT included in the 2021 BUDGET are rolled into the 2022 planning year.

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Attachment 1

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Total Available Point from (Scoring) Criteria:	44
Highest Multiplier:	1.294
Highest Total Possible Score (Criteria PTS x Dept Ranking):	56.9

Capital Improvements Committee Scoring Detail

CRITERIA	IMPACT	DEPT RANKING
1.) Safety – Safety – The project contributes to health, safety, welfare, and/or cyber security risk	**10 – Eliminates an existing hazard** *Addresses an existing life-safety Hazard that is posing an immediate threat to health and safety (within the 1st year).* **5 – Eliminates a potential hazard** *Remedies a Hazard that would pose a threat to health and safety in the future (i.e. the next 2 - 3 years), but does not demand immediate attention.* **OR** **5 – Mitigates technology cyber security risk** *Addresses a known risk posing a security threat to County data and/or technology assets (i.e. the next 0 - 2 years).* **0 – No Safety Impact**	1.294 **High:** Top 25% Ranked projects in Department's Request 1.156 **Medium:** Top 26% - 50% ranked projects in Department's Request 1.056 **Low:** All other projects ranked in Department's Request
2.) Policy/Plan Compliance - Project needed to comply with County and/or departmental policy/plans	**3 – Complies with County and/or Departmental policy or plans** *Specifically complies with adopted policy and/or plan (i.e. included in the most recent 5-YR plan)* **0 – No related program or policy**	
3.) Operational		
*NET Annual Impact on Operating Costs	5 – Significant Documentation Provided (including major net operational savings) 2 – Minor/General data provided 0 – No impact	
*Deferred Maintenance	5 – Immediately Addresses Failing Assets 3 – Addresses Assets anticipated to fail within the next 12 - 24 months 0 – No impact	
*ADA/Building Code	3 – Addresses ADA and/or Building Code violations 0 – No impact	
4.) Non-County Funding	5 – 100% 4 – 76% to 99% 3 – 51% to 75% 2 – 25% to 50% 1 – less than 25% 0 – 0%	
5.) Continuing Program	3 – The specific sub-project (7-digit) is part of a continuing project program (5-digit) 0 – Not a Continuing Program related project	
6.) Racial Equity **Minority Population: defined as any group other than non-Hispanic white (United States Census Bureau).*	5 – 76-100% minority population* served (PRIMARY) OR population of Zip Code where the project is located (SECONDARY) 4 – 51%-75% minority population* served (PRIMARY) OR population of Zip Code where the project is located (SECONDARY) 3 – 26%-50% minority population* served (PRIMARY) OR population of Zip Code where the project is located (SECONDARY) 2 – 15%-25% minority population* served (PRIMARY) OR TBD population of Zip Code where project is located (SECONDARY) 0 – 0%-14% minority population* served (PRIMARY) OR population of Zip Code where the project is located (SECONDARY)	
7.) Building Mission Categories	5 – Project relates to a building mission 1 category 3 – Project relates to a building mission 2 category 1 – Project relates to a building mission 3 category 0 – Relates to a building mission 4 or 5 category	

NOTE: Requested capital projects that are mandated (State, Federal, Local, Court Ordered), fulfill contractual obligations, and/or are continuing projects from the previous adopted budget year(s) receive the maximum score of 56.94. However, continuing capital projects with incomplete design are moved to a subsequent budget year pending completion of design.

ADA Code Compliance
Existing facility areas and attributes that are currently non-compliant with ADA are "Grandfathered" until or unless there is a significant remodel or reconstruction to the non-complying facility area and attribute(s) OR a complaint is formally issued with County's OPD to ensure that reasonable accommodations are being met.

Building Code Compliance
Existing facility areas and attributes that are currently non-compliant with Building Codes are typically "Grandfathered" until or unless there is a significant remodel or reconstruction to the non-complying facility area and attribute(s).

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COUNTY OF MILWAUKEE

Inter-Office Communication

DATE: September 8, 2020

TO: Marcelia Nicholson, Chairwoman, Milwaukee County Board of Supervisors
David Crowley, County Executive

FROM: Scott B. Manske, Comptroller/Capital Improvements Committee Chairman

SUBJECT: 2021 - 2025 Capital Improvements Projects

Pursuant to Chapter 36 of the Milwaukee County Code of General Ordinances, the Capital Improvements Committee (CIC) is to review departmental requests for capital improvements, establish a priority for each capital project based upon established criteria, and develop a countywide Five-Year Capital Improvements Plan (5YR CIP).

At its July 21, 2020 meeting, the CIC adopted a design first approach that shifted most requested construction appropriations for projects from 2021 to later in the 5YR CIP.

At its meeting on August 28th, 2020, the CIC recommended the attached 2021 - 2025 5YR CIP including:

- Airport projects totaling $5.9 million (pgs. 3 - 7), which will be separately financed with airport rates and charges.[1]

- Non-Airport projects totaling $46.9 million ($35.3 million of bonds and $11.6 million of cash) are recommended for inclusion in the 2021 capital budget.[2] Projects NOT recommended for inclusion in the 2021 budget total $83.8 million ($47.0 million of bonds and $36.9 million of cash).[3] The recommended bond amount of $35.3 million is $10.9 million below the bonding cap of $46.3 million. The variance is primarily driven by the lack of projects with completed design. The funding detail is included on pages 11 - 23.

- The 2022 - 2025 requested projects (pgs. 27 – 45) are listed in order of Department priority. Those future year requests significantly exceed anticipated available funding. Future CIC reviews will annually evaluate and recommend projects for each annual capital improvements budget.

[1] *Airport capital projects are typically locally funded with general airport revenue bonds, airport reserves, and passenger facility charges. In this case, revenue bonds will not be issued as adequate reserves are available to cash fund the projects.*

[2] *County financing of non-airport capital projects is primarily provided from general obligation bonds/notes, and cash which comes from sales taxes, property tax levy, and vehicle registration fees.*

[3] *Project WS12601 Youth Services Admin Relocation and Tenant Improvements included $3.8 million from the Behavioral Health Division Capital Reserve.*

Scott B. Manske

Comptroller/CIC Chair

cc:

Kelly Bablitch, Chief of Staff, Milwaukee County Board of Supervisors
Mary Jo Meyers, Chief of Staff, County Executive's Office
Members, Milwaukee County Board of Supervisors
Members, Capital Improvements Committee
Julie Landry, Director, Department of Administrative Services
Stephen Cady, Research and Policy Director, Office of the Comptroller

Cash Financed Projects

DEPT: AIRPORT ONLY

Mandated, Contractual, On-Going (FUNDED) 1	4,222,198
HIGH-Not Mandated, Contractual, On-going (FUNDED	1,725,051
TOTAL Funded:	5,947,249

Alpha-Numeric Scoring

A1	56.9 - 48.1	B1	36.6 - 29.1	C1	18.8 - 15.2	D1	11.3 - 10.2	F1	7.4 - 3.7
A2	48.0 - 43.1	B2	29.0 - 24.1	C2	15.1 - 12.7	D2	10.1 - 8.9	F2	3.6 - 1
A3	43.0 - 36.7	B3	24.0 - 18.9	C3	12.6 - 11.4	D3	8.8 - 7.5	F3	0.9 - 0

Item #	REQ DEPT	DEPT RANK	Project Number	Project Name	Mandated	Contractual	Continuing	2021 County Financing	Cash/Bond Financing	A-F ADJ Grading	A-F Grading	Sub-Project Continues into Out-Years?	2022	2023	2024	2025	Total Out-Year Costs
1	DOT-AIRPORT	1	WA29901	GMIA Taxiway A Extension			YES	$1,259,008	CASH	A1	B3	NO	-	-	-	-	-
2	DOT-AIRPORT	2	WA28001	GMIA Parking Strc Replace Decorative Metal Panel-REC DESGN 1ST			YES	$2,963,190	CASH	A1	D1	NO	-	-	-	-	-
3	DOT-AIRPORT	4	WA37701	GMIA South Maintenance Air Handling Unit				$259,575	CASH	C3	C3	YES	2,031,095	-	-	-	2,031,095
4	DOT-AIRPORT	3	WA39401	Parking Structure Repair - 2021				$1,465,476	CASH	D2	D2	YES	-	-	1,304,183	-	1,304,183
							Subtotal:	$5,947,249					2,031,095	-	1,304,183	-	3,335,278

2021 Scored Project Overview

DEPT: **ALL (EXCL AIRPORT)**

Table 1: High Score/Funded Projects				Scored Projects	
	High Scored Projects	**2021 CAP**	**(OVER)/UNDER 2021 CAP**	% BOND	% CASH
BOND	35,343,308	$46,275,475	10,932,167	75%	
CASH	11,569,820	11,568,869	(951)		25%
TOTAL	**46,913,128**	**57,844,344**	**10,931,216**		

Table 2: Low Score/Non-Funded Projects		Scored Projects	
	Low Scored Projects	% BOND	% CASH
BOND	0	0%	
CASH	16,682,280		100%
TOTAL	**16,682,280**		

Table 3: High + Low Scored Projects					Scored Projects	
	Prior to Design 1st Adj	**ALL Scored Projects**	**2021 CAP**	**(OVER)/UNDER 2021 CAP**	% BOND	% CASH
BOND	82,304,205	35,343,308	46,275,475	10,932,167	56%	
CASH	48,452,372	28,252,100	11,568,869	(16,683,231)		44%
TOTAL	**130,756,577**	**63,595,408**	**57,844,344**	**(5,751,064)**		

Bond Financed Projects - Design 1st Review Applied

DEPT: ALL Depts (EXCL Airport)

Mandated, Contractual, On-Going (FUNDED) 1 - 23; EXCL BLACK HIGHLIGHTED:	17,659,781
High Scored (FUNDED) 24 - 51:	17,683,527
TOTAL Funded:	35,343,308
TOTAL FUNDED PROJECTS--(OVER)/UNDER BOND CAP:	10,932,167
LOW Scored (OR NOT FUNDED): None	0

Alpha-Numeric Scoring

A1	56.9 - 48.1	B1	36.6 - 29.1	C1	18.8 - 15.2	D1	11.3 - 10.2	F1	7.4 - 3.7
A2	48.0 - 43.1	B2	29.0 - 24.1	C2	15.1 - 12.7	D2	10.1 - 8.9	F2	3.6 - 1
A3	43.0 - 36.7	B3	24.0 - 18.9	C3	12.6 - 11.4	D3	8.8 - 7.5	F3	0.9 - 0

Item #	REQ DEPT	DEPT RANK	Project Number	Project Name	Mandated	Contractual	Continuing	2021 County Financing	Cash/Bond Financing	A-F ADJ Grading	A-F Grading	Sub-Project Continues into Out-Years?	2022	2023	2024	2025	Total Out-Year Costs
1	DOT-HWY	1	WH24201	I_North Shop Improvement	YES			$0	BOND	A1	B1	YES	11,171,996	-	-	-	11,171,996
2	DOT-HWY	1	WH24201	I_North Shop Improvement--Parking Lot Improvements ONLY				$600,000					-	-	-	-	-
3	WMC	1	WO65501	II_WMC (Saarinen Bldg)-Switchgear Rplcmnt (CC Options in NOTES below; Possibly Revise to $200k based on 8-28-20 MTG)		YES		$200,000	BOND	A1	B2	NO	-	-	-	-	-
4	DAS-FM		WG03501	Vel Phillips Roof Replacement (apprx. $62k reduction in design costs from AE report as design has been completed)			YES	$2,740,376					-	-	-	-	-
5	DOT-TRANSIT	5	WT10901	Bus Lift Replacement (7) (Maint Facility)			YES	$2,368,856	BOND	A1	C1	NO	-	-	-	-	-
6	DOT-TRANSIT	8	WT10601	Bus Lift Replacement (2) (KK Garage)			YES	$676,829	BOND	A1	C1	NO	-	-	-	-	-
7	DOT-TRNS SRV	2	WH09701	E. North Ave Bridge over Oak Leaf Bike Trail		YES		$217,938	BOND	A1	C1	NO	-	-	-	-	-
8	DOT-TRNS SRV	1	WH01006	Reconstruct CTH "Y" Layton Avenue 27th to 43rd		YES	YES	$4,688,646	BOND	A1	C1	NO	-	-	-	-	-
9	PARKS	4	WP05046	Lincoln Park Baseball Lighting			YES	$595,104	BOND	A1	C1	NO	-	-	-	-	-
10	PARKS	6	WP49801	Underwood Creek Pkwy Rd Rplcmnt-Bluemound to 119th			YES	$1,623,596	BOND	A1	C1	YES	-	-	-	-	-
11	PARKS	5	WP32001	North Point Parking Lot			YES	$0	BOND	A1	C1	YES	2,607,922	-	-	-	2,607,922
12	DOT-TRNS SRV	4	WH09501	W Rawson Ave- S. 27th St to S. 20th St.		YES	YES	$628,000	BOND	A1	C2	NO	-	-	-	-	-
13	ZOO	2	WZ17701	Zoo Parking Lot #4-Repavement			YES	$0	BOND	A1	C2	YES	1,192,803	-	-	-	1,192,803
14	PARKS	3	WP70101	Grant Park North Access Roads-Parking Lots			YES	$0	BOND	A1	C2	YES	1,255,952	-	-	-	1,255,952
15	DOT-TRNS SRV	7	WH11701	Signals CTH PP (Good Hope Rd)-99th St - 60th St		YES		$21,061	BOND	A1	C3	YES	-	75,495	-	-	75,495
16	DOT-TRNS SRV	8	WH11101	W Forest Home Ave (CTHOO)-Hi-View Dr to S N Cape		YES	YES	$375,000	BOND	A1	D1	YES	275,000	2,835,004	-	-	3,110,004
17	DOT-TRNS SRV	3	WH11401	Mill Rd Bridge B-40-0936 Rehabilitation		YES	YES	$155,458	BOND	A1	D1	NO	-	-	-	-	-
18	MARCUS CNTR	1	WO88901	Pedestrian Pavement Replacement (2021)		YES		$778,675	BOND	A1	D1	NO	-	-	-	-	-
19	DAS-FM-FM	9	WC20901	VI_Forensic Science Center-Phase 2 ($11M REQ for 2021 per Dept Revision)			YES	$0	BOND	A1	D1	YES	28,052,083	-	-	-	28,052,083
20	DHHS	2	WS12401	III_Secure Youth Facility Phase 1			YES	$0	BOND	A1	D1	YES	2,675,495	-	-	-	2,675,495
21	DOT-TRNS SRV	6	WH11001	W Beloit Rd (CTH T)-S 124th St to S Wollmer Rd		YES		$100,000	BOND	A1	D3	YES	2,192,008	-	-	-	2,192,008
22	DOT-TRNS SRV	5	WH11801	Signals CTH PP (Good Hope Rd)-CTH W (Prt Wsh Rd)		YES		$23,773	BOND	A1	D3	YES	87,437	-	-	-	87,437
23	WMC	3	WO53501	WAR MEMORIAL GRN PRINT PH 1			YES	$1,399,998	BOND	A1	F2	NO	-	-	-	-	-
24	DOT-TRANSIT	7	WT14801	IV_FDL Garage Fire Alarm & Sprinkler Replacement				$2,565,721	BOND	B3	B3	YES	-	-	-	-	-
25	ZOO	1	WZ11901	V_Adventure Africa - Elephants - Pool Filtration System				$2,020,036	BOND	B3	B3	NO	-	-	-	-	-
26	PARKS	19	WP69501	Washington Park Bridge Replacements				$118,414	BOND	B3	B3	YES	926,543	-	-	-	926,543
27	WMC		WO64301	VIII_War Memorial Center - Flood Mitigation (ADJ 2021 Cost per 8-24-20 revised AE estimate/report is $605,880. AE cost adj included in NOTES below.)				$605,880	BOND	B2	B2	NO	-	-	-	-	-
28	PARKS	11	WP42501	Playground Resurfacing - Phase 1				$325,231	BOND	C1	C1	NO	-	-	-	-	-
29	HOC	1	WJ11201	VII_HOC Admin Building Roof Replacement				$112,399	BOND	C1	C1	YES	1,429,209	-	-	-	1,429,209
30	PARKS	25	WP53401	Rainbow Park Playground Replacement				$278,737	BOND	C1	C1	NO	-	-	-	-	-
31	DOT-FLEET	1	WO34001	Fleet General Equipment-2021				$4,459,000	BOND	C1	C1	NO	-	-	-	-	-
32	DOT-TRANSIT	3	WT14901	FDL Garage Trnspt Bldg Roof Rplcmnt				$95,122	BOND	C1	C1	YES	625,889	-	-	-	625,889
33	DAS-FM-EE	3	WV04101	Oak Creek Skate Lift station				$63,306	BOND	C2	C2	YES	495,306	-	-	-	495,306

Bond Financed Projects - Design 1st Review Applied

DEPT: ALL Depts (EXCL Airport)

Mandated, Contractual, On-Going (FUNDED) 1 - 23; EXCL BLACK HIGHLIGHTED:	17,659,781
High Scored (FUNDED) 24 - 51:	17,683,527
TOTAL Funded:	35,343,308
TOTAL FUNDED PROJECTS--(OVER)/UNDER BOND CAP:	10,932,167
LOW Scored (OR NOT FUNDED): None	0

Alpha-Numeric Scoring

A1	56.9 - 48.1	B1	36.6 - 29.1	C1	18.8 - 15.2	D1	11.3 - 10.2	F1	7.4 - 3.7
A2	48.0 - 43.1	B2	29.0 - 24.1	C2	15.1 - 12.7	D2	10.1 - 8.9	F2	3.6 - 1
A3	43.0 - 36.7	B3	24.0 - 18.9	C3	12.6 - 11.4	D3	8.8 - 7.5	F3	0.9 - 0

Item #	REQ DEPT	DEPT RANK	Project Number	Project Name	Mandated	Contractual	Continuing	2021 County Financing	Cash/Bond Financing	A-F ADJ Grading	A-F Grading	Sub-Project Continues into Out-Years?	2022	2023	2024	2025	Total Out-Year Costs
34	DAS-FM-EE	2	WV04301	Oakwood Lift Station Upgrade				$93,574	BOND	C2	C2	YES	-	655,289	-	-	655,289
35	PARKS	23	WP72501	Vogel Playground Replacement				$278,737	BOND	C2	C2	NO	-	-	-	-	-
36	DOT-FLEET	4	WO34101	House of Correction Fleet Equipment-2021				$250,000	BOND	C2	C2	NO	-	-	-	-	-
37	DOT-FLEET	2	WO34201	Sheriff Fleet Equipment-2021				$1,055,000	BOND	C2	C2	NO	-	-	-	-	-
38	DOT-FLEET	3	WO34301	Fleet Parks Equipment-2021				$2,420,000	BOND	C2	C2	NO	-	-	-	-	-
39	PARKS	18	WP68201	Whitnall Clubhouse HVAC Rplcmnt-Kitchen Remodel				$167,205	BOND	C2	C2	YES	1,073,295	-	-	-	1,073,295
40	PARKS	22	WP72601	Lindsay Playground Replacement				$278,737	BOND	C2	C2	NO	-	-	-	-	-
41	*SHERIFF	2	WO16901	VII_Training Academy Roof Repairs				$124,178	BOND	C2	C2	YES	470,086	-	-	-	470,086
42	PARKS	1	WP72701	Oak Leaf Trail Zip Line Sinkhole				$689,838	BOND	C2	C2	NO	-	-	-	-	-
43	DOT-TRANSIT	12	WT12801	Concrete Yard Replacement (KK Garage off-site)				$55,497	BOND	C2	C2	YES	434,207	-	-	-	434,207
44	PARKS	20	WP72901	Boerner Garden House Boiler Replacement				$105,418	BOND	C2	C2	YES	676,680	-	-	-	676,680
45	PARKS	26	WP53501	Pulaski-Cudahy Park Playground Replacement				$278,737	BOND	C2	C2	NO	-	-	-	-	-
46	PARKS	2	WP70701	Old Loomis Road Reconstruction				$170,000	BOND	C2	C2	YES	390,000	-	-	-	390,000
47	DOT-TRANSIT	4	WT15001	FDL Garage Transportation Bldg HVAC Repl				$38,332	BOND	C3	C3	YES	246,019	-	-	-	246,019
48	PARKS	9	WP70601	South Shore Breakwater				$1,066,471	BOND	C3	C3	YES	9,220,809	6,508,806	-	-	15,729,615
49	PARKS	14	WP65801	Currie Park-Replace Parking Lot & Cart Path Impr				$232,981	BOND	C3	C3	YES	1,970,947	603,806	-	-	2,574,753
50	DOT-TRNS SRV	9	WH24701	E Rawson Ave. (CTH BB)-S 13th St to S Howell Ave				$55,000	BOND	C3	C3	YES	275,000	275,000	285,000	6,270,000	7,105,000
51	PARKS	21	WP72801	Highland Park Playground Remove & Restore				$146,447	BOND	D2	D2	NO	-	-	-	-	-
							Subtotal:	$35,343,308					$67,744,686	$10,953,400	$285,000	$6,270,000	$85,253,086

Project costs (and/or County financing) adjusted based on updates from the REQ Dept(s) and/or additional contract/legal agreement review.

*2021 Construction cost estimate is not based on a completed design. Construction appropriation moved to 2022 to allow for design completion in 2021.

Dept REQs made in August (after the June 30th deadline to DAS).

Additional Notes:

I_Construction Phase moved to 2022 based on discussions with DOT Management and level of design completion.

II_From August 21st Dept testimony, DAS-ED review indicates County is responsible for 1/3 of the total project cost ($459,999). As a result, the County funding was reduced to $153,333

Corp Counsel Memo Options (agenda item #3, legal opinion):

1. Adhere to the terms of the 2013 Development Agreement, which caps the County's contribution to the project at $200,000; or
2. Follow the path outlined in the 2017 condominium agreements to assess the need of the project, determine the scope, and establish how the costs will be split among the Unit Owners at the next Meeting of the Condominium Board.

III_Based on discussions with DHHS staff, current design and location may not be located @ the Vel Philips Juvenile Justice Center. There may also be some uncertainty with the State's plan.

IV_Due to the significant life-safety nature of the project, MCDOT is submitting a September 2020 appropriation transfer (from Contingency - Org 1945) to begin design. The 2021 REQ was updated to reflect the construction phase in anticipation of a completed design in the next few months (assuming the September 2020 appropriation transfer is approved).

V_Based on conversation with Zoo staff, funding adjusted to 50/50; Project start and spending can begin pending Board approval of any required contract modification(s) and verification of Zoo Society funding.

Bond Financed Projects - Design 1st Review Applied

DEPT: ALL Depts (EXCL Airport)

Mandated, Contractual, On-Going (FUNDED) 1 - 23; EXCL BLACK HIGHLIGHTED:	17,659,781
High Scored (FUNDED) 24 - 51:	17,683,527
TOTAL Funded:	35,343,308
TOTAL FUNDED PROJECTS--(OVER)/UNDER BOND CAP:	10,932,167
LOW Scored (OR NOT FUNDED): None	0

Alpha-Numeric Scoring

A1	56.9 - 48.1	B1	36.6 - 29.1	C1	18.8 - 15.2	D1	11.3 - 10.2	F1	7.4 - 3.7
A2	48.0 - 43.1	B2	29.0 - 24.1	C2	15.1 - 12.7	D2	10.1 - 8.9	F2	3.6 - 1
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VI_Updated 2021 REQ from Dept reduces BONDS to $11M and CASH is reduced to $0 (non-bond eligible project costs shifting to 2022/2023... i.e. relocation costs, furniture/fixtures/equipment).

VII_Design appropriation made in a previous budget. Updated Design is 100% complete as of 8-12-10. Therefore, dept is requesting 2021 construction appropriation.

VIII_AE discussion of cost increases from 8-24-20 memo/report to CIC:

DAS-FM has been working with the MAM/WMC and a planning consultant to prepare a refined cost estimate for this work. In general, the scope of work and cost sources are listed below, and a summary cost provided. We recommend carrying a contingency of 20% as actual costs for some of the equipment are being carried as allowances, and while these values are based on previous and similar work, the marketplace, especially for pumps and controls, is not as predictable due to high demand. The scope of work includes:

Cash Financed Projects - Design 1st Review Applied

DEPT: ALL Depts (EXCL Airport)

Mandated, Contractual, On-Going (FUNDED) 1 - 6:	3,057,146
HIGH-Not Mandated, Contractual, On-going (FUNDED) 7 - 33:	8,512,674
TOTAL Funded:	11,569,820
TOTAL FUNDED PROJECTS--(OVER)/UNDER CASH GOAL:	(951)
LOW Scored (OR NOT FUNDED) 34 - 62:	16,682,280

Alpha-Numeric Scoring

A1	56.9 - 48.1	B1	36.6 - 29.1	C1	18.8 - 15.2	D1	11.3 - 10.2	F1	7.4 - 3.7
A2	48.0 - 43.1	B2	29.0 - 24.1	C2	15.1 - 12.7	D2	10.1 - 8.9	F2	3.6 - 1
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Item #	REQ DEPT	DEPT RANK	Project Number	Project Name	Mandated	Contractual	Continuing	2021 County Financing	Cash/Bond Financing	A-F ADJ Grading	A-F Grading	Sub-Project Continues into Out-Years?	2022	2023	2024	2025	Total Out-Year Costs
1	DAS-IMSD	2	WO21701	Phone and Voicemail Replacement			YES	$422,025	CASH	A1	C2	NO	-	-	-	-	-
2	DAS-FM-EE	1	WV05401	County-wide Sanitary Sewers Repairs-2021	YES			$150,001	CASH	A1	C3	NO	-	-	-	-	-
3	DAS-IMSD	4	WO64701	Enterprise Platform Modernization-Phase 3			YES	$2,000,000	CASH	A1	D2	YES	2,000,000	-	-	-	2,000,000
4	DAS-IMSD	1	WO55101	I_CJIS Remediation	YES			$485,120	CASH	A1	D2	NO	-	-	-	-	-
5	*DHHS	1	WS12601	II_Youth Services Admin Relocation and Tenant Imprv **($900k updated County Cash REQ based on 8-28-20 CIC MTG update given by DHHS staff).**			YES	$0	CASH	A1	C3	YES	2,554,871	6,391,240	-	-	8,946,111
6	DAS-FM-FM	9	WC20901	III_Forensic Science Center-Phase 2			YES	$0	CASH	A1	D1	YES	3,966,498	3,966,498	-	-	7,932,996
7	DOT-HWY	1	WH24201	IV_North Shop Improvement				$0	CASH	A1	B1	YES	300,000	-	-	11,508,222	22,980,218
8	MC HIST SCTY	1	WO13401	Trimborn Farm Bunkhouse Restoration				$105,613	CASH	B2	B2	YES	-	802,280	-	-	802,280
9	*SHERIFF	4	WO48501	CJF Pod 4D Renovations				$37,908	CASH	B2	B2	YES	176,192	-	-	-	176,192
10	DAS-FM-FM	1	WC21901	CH Complex Fire Alarm Replacement				$1,823,410	CASH	B2	B2	NO	-	-	-	-	-
11	*DHHS	3	WS10201	Control Center Panel Replacement				$25,895	CASH	B3	B3	YES	202,590	-	-	-	202,590
12	*SHERIFF	6	WO47901	V_CJF Kitchen Upgrades				$0	CASH	B3	B3	YES	1,105,504	-	-	-	1,105,504
13	PARKS	17	WP55001	Parks Demolitions - Phase 1				$578,974	CASH	B3	B3	NO	-	-	-	-	-
14	DAS-FM-FM	2	WC21701	CH Complex Facade Inspect & Repair-Phase 3				$132,291	CASH	B3	B3	YES	973,726	-	-	-	973,726
15	DAS-FM-FM	6	WG10001	Vel Phillips-Wood Window Replacements				$410,367	CASH	C1	C1	NO	-	-	-	-	-
16	DAS-FM-FM	4	WC21601	CH Complex Improvements-CJF Caulking Phase 2				$1,013,061	CASH	C1	C1	NO	-	-	-	-	-
17	DAS-FM-FM	7	WC22201	Courthouse Cmplx-Interior Finishes Renew-Phase 1				$158,837	CASH	C1	C1	YES	-	1,039,693	-	-	1,039,693
18	PARKS	8	WP71801	Mitchell Park Domes Mesh/Structure Inspection & Repair				$500,001	CASH	C1	C1	YES	-	-	243,800	-	243,800
19	DOT-TRANSIT	10	WT11401	Lighting Improvements (FDL Garage)				$197,517	CASH	C1	C1	YES	-	1,545,487	-	-	1,545,487
20	*DOT-TRANSIT	11	WT11501	Lighting Improvements (KK Garage)				$61,105	CASH	C1	C1	YES	478,113	-	-	-	478,113
21	DOT-HWY	2	WH10701	Short Term CTH Rehabilitation 2021				$500,000	CASH	C1	C1	NO	-	-	-	-	-
22	MPM	1	WM05101	VI_MPM-North Stairwell Structural Wall Repair				$375,780	CASH	C1	C1	NO	-	-	-	-	-
23	SHERIFF	3	WO63801	CCFC Camera System-Phase 3				$694,467	CASH	C1	C1	NO	-	-	-	-	-
24	EMERGENCY MNG	2	WO72301	OEM 911 - Backup 911 Trunks				$289,006	CASH	C1	C1	NO	-	-	-	-	-
25	*DA	1	WO65401	Security Barriers - Safety Building 6th Floor DA				$41,092	CASH	C1	C1	YES	235,668	-	-	-	235,668
26	*DAS-FM-FM	8	WS11101	Wilson Senior Center Access Lighting				$14,885	CASH	C2	C2	YES	116,441	-	-	-	116,441
27	DOT-TRANSIT	9	WT05901	MCTS Admin Building Lighting Upgrades				$48,598	CASH	C2	C2	YES	-	380,227	-	-	380,227
28	EMERGENCY MNG	3	WO72501	Vel Philips - Bi Directional Amplifier (BDA)				$123,283	CASH	C2	C2	NO	-	-	-	-	-
29	DAS-FM-FM	3	WS06201	Wilson Senior Center Restroom ADA Renovations				$194,830	CASH	C2	C2	YES	-	1,308,134	-	-	1,308,134
30	DAS-IMSD	9	WO19701	Wireless Infrastrctr Cnty Bldgs-Phase 1				$290,000	CASH	C2	C2	NO	-	-	-	-	-
31	DAS-IMSD	3	WO65301	Asset Protection-Remediation Services-Phase 2				$707,500	CASH	C2	C2	NO	-	-	-	-	-
32	PARKS	16	WP55101	Pulaski Park Pavilion Exterior Improvements				$108,300	CASH	C2	C2	YES	708,871	-	-	-	708,871
33	*DAS-FM-FM	10	WC16301	Annex Parking Lot				$79,954	CASH	C3	C3	YES	625,597	-	-	-	625,597
34	SHERIFF	1	WC05301	Courts Videoconferencing				$993,764	CASH	C2	C2	NO	-	-	-	-	-
35	PARKS	24	WP34401	Replace Incandescent with HPS				$120,000	CASH	C2	C2	YES	938,941	-	-	-	938,941
36	DAS-OPD	1	WO64601	Lincoln Blatz & South Shore Pavilions ADA Accessibility				$247,080	CASH	C3	C3	YES	-	1,617,300	-	-	1,617,300

Cash Financed Projects - Design 1st Review Applied

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TOTAL Funded:	11,569,820
TOTAL FUNDED PROJECTS--(OVER)/UNDER CASH GOAL:	(951)
LOW Scored (OR NOT FUNDED) 34 - 62:	16,682,280

Alpha-Numeric Scoring

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A2	48.0 - 43.1	B2	29.0 - 24.1	C2	15.1 - 12.7	D2	10.1 - 8.9	F2	3.6 - 1
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Item #	REQ DEPT	DEPT RANK	Project Number	Project Name	Mandated	Contractual	Continuing	2021 County Financing	Cash/Bond Financing	A-F ADJ Grading	A-F Grading	Sub-Project Continues into Out-Years?	2022	2023	2024	2025	Total Out-Year Costs
37	PARKS	13	WP70501	Cool Waters Heaters				$83,407	CASH	D1	D1	YES	652,594	-	-	-	652,594
38	*PARKS	10	WP72301	Parks Bridges - Repairs-Replcmnt -Phase 1				$35,283	CASH	D1	D1	YES	276,048	-	-	-	276,048
39	DOT-TRANSIT	1	WT14301	CAD/AVL System and Radio Replacement (buses)				$3,300,000	CASH	D1	D1	NO	-	-	-	-	-
40	DOT-TRANSIT	2	WT14501	Intelligent Vehicle Network Replacement (buses)				$1,800,000	CASH	D1	D1	NO	-	-	-	-	-
41	DAS-IMSD	8	WO32101	Enterprise Video Surveillance Program-Phase 1				$817,790	CASH	D2	D2	NO	-	-	-	-	-
42	*DAS-FM-FM	5	WC22601	Courthouse Negative Pressure Mitigation				$43,609	CASH	D2	D2	YES	697,612	-	-	-	697,612
43	HOC	2	WJ10801	HOC Camera Storage SAN Upgrade				$271,900	CASH	D2	D2	NO	-	-	-	-	-
44	DOT-TRANSIT	6	WT14401	Replace Routers on MCTS Buses				$600,000	CASH	D2	D2	NO	-	-	-	-	-
45	*PARKS	7	WP69401	Oak Creek Parkway – S Mke Mill Pond Dam				$27,057	CASH	D2	D2	YES	247,893	-	-	-	247,893
46	EMERGENCY MNG	1	WO27001	700MHz Back-Up Radio System (County)-Phase 1				$1,148,728	CASH	D3	D3	NO	-	-	-	-	-
47	DAS-IMSD	7	WO33001	IMSD Operational Enhancements-Phase 1				$372,000	CASH	F1	F1	NO	-	-	-	-	-
48	DAS-IMSD	6	WO29701	Asset Protection-Security Subscriptions-Phase 1				$460,000	CASH	F1	F1	NO	-	-	-	-	-
49	EMERGENCY MNG	5	WO49801	800MHz Doppler System				$150,000	CASH	F1	F1	NO	-	-	-	-	-
50	EMERGENCY MNG	4	WO29201	700MHz Back-Up Radio System (County)-Phase 2				$1,148,728	CASH	F1	F1	NO	-	-	-	-	-
51	EMERGENCY MNG	6	WO54801	OEM 911 CAD Replacement				$2,389,601	CASH	F1	F1	YES	-	2,389,601	-	-	2,389,601
52	SHERIFF	8	WO44901	Automated License Plate Readers				$250,920	CASH	F1	F1	NO	-	-	-	-	-
53	SHERIFF	5	WO49101	Lakefront Cameras & Video Analytics				$696,140	CASH	F1	F1	NO	-	-	-	-	-
54	SHERIFF	7	WO29301	Sheriff Foreclosure Sale & Posting Solution				$199,200	CASH	F1	F1	NO	-	-	-	-	-
55	PARKS	15	WP62601	Cool Waters Overflow Parking Lot & Service Yard				$135,188	CASH	F1	F1	YES	1,057,764	-	-	-	1,057,764
56	DAS-IMSD	5	WO65001	Phone and Voicemail-Fax Solution-Phase 1				$264,600	CASH	F2	F2	NO	-	-	-	-	-
57	DAS-IMSD	10	WO65201	Enterprise Virtual Desktop Srvcs-Hrdwre-Phase 1				$337,500	CASH	F2	F2	NO	-	-	-	-	-
58	DOT-FLEET	5	WO72201	Inmate Processing Area/Holding Cell Completion				$37,548	CASH	F2	F2	YES	319,885	-	-	-	319,885
59	EMERGENCY MNG	8	WO64501	OEM Equipment - Locus DiagnostX-Radio Analyzer				$123,000	CASH	F2	F2	NO	-	-	-	-	-
60	EMERGENCY MNG	7	WO72401	OEM-EMS Information Builders				$229,237	CASH	F2	F2	NO	-	-	-	-	-
61	PARKS	12	WP72401	Aquatics Master Plan				$200,000	CASH	F2	F2	NO	-	-	-	-	-
62	DOT-TRNS SRV	10	WH11501	Signal Upgrades for Improved Efficiency-Mobility				$200,000	CASH	F2	F2	NO	-	-	-	-	-
							Subtotal:	$28,252,100					17,634,808	19,440,460	243,800	11,508,222	59,999,286

Project costs (and/or County financing) adjusted based on updates from the REQ Dept(s) and/or additional contract/legal agreement review.

*2021 Construction cost estimate is not based on a completed design. Construction appropriation moved to 2022 to allow for design completion in 2021.

Projects that may be eligible for Federal CARES Act funding.

Additional Notes:

I_Scored as A1, but is pending MANDATE documentation from DAS-IMSD.

II_DHHS indicated $1.672M as potential tenant improvement allocation… as this is an assumption and not committed, the $1.672M is included as County Cash. Additionally, there is $882,871 (updated by DHHS staff to $900k @ 2-28-20 CIC mtg) of County Cash included that comprises the total $2.55M County commitment. BHD reserves of $3.76M are included in the total project costs, but is not counted toward the County Cash portion as it is not Sales Tax or Tax Levy. Therefore, total project costs REQ for 2021 are $6.3M.

III_Updated 2021 REQ from Dept reduces BONDS to $11M and CASH is reduced to $0 (non-bond eligible project costs shifting to 2022/2023… i.e. relocation costs, furniture/fixtures/equipment).

Cash Financed Projects - Design 1st Review Applied

DEPT: ALL Depts (EXCL Airport)

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IV_Construction Phase moved to 2022 based on discussions with DOT Management and level of design completion.

V_Based on discussions with Shrf and HOC staff, assessment of both kitchens and food service provided by HOC and Shrf will be done with existing appropriations (pending fund transfer to change bond financing to cash financing of $99,226). Anticipate future budget appropriation request for design and construction upon completion of this assessment.

VI_Although design is currently on-going (from a previous budget appropriation), this project presents a life-safety component that should be addressed within the 2021 capital budget.