

2016-2021 Capital Improvements Plan

	2016	2017	2018	2019	2020	2021
	BUDGET	PLAN	PLAN	PLAN	PLAN	PLAN
SPECIAL CAPITAL PROJECTS						
Municipal Art Fund	25,000	25,000	25,000	25,000	25,000	25,000
Grant & Aid	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000
Housing Trust Fund	400,000	400,000	400,000	400,000	400,000	400,000
Land Management System						
Capital Improvements Committee ¹	87,000	89,000	89,000	91,000	91,000	93,000
TOTAL SPECIAL CAPITAL PROJECTS	\$8,512,000	\$8,514,000	\$8,514,000	\$8,516,000	\$8,516,000	\$8,518,000
Dept of Administration						
IT Upgrades/Replacement	225,000	300,000	400,000	500,000	500,000	500,000
Workplace Safety & Efficiency						
Tax Collection System	1,150,000					
Mobile Device Security						
Corporate Database Server Upgrade	270,000	200,000				300,000
Corporate Server and Storage Replacement					500,000	
CSWAN-COMON Upgrade	500,000	250,000				500,000
Call Center Lagan Upgrade	220,000					200,000
Peoplesoft Financial Upgrade		1,300,000				
Peoplesoft HRMS Upgrade	1,000,000					
Peoplesoft HRMS E-Module/Timesheet Entry			500,000			
Peoplesoft Employee Portal				300,000		
Oracle Fusion Upgrade Study			300,000			
Data Dashboard and Analytics		300,000				
Web Security Appliance			350,000			
MapMilwaukee ArcGIS Upgrade					300,000	
Better Buildings- Energy Efficient Lighting & Controls	400,000	400,000	400,000	400,000	400,000	400,000
Data Backup System Replacement			200,000			
Network Monitoring				200,000		
Budget Module		750,000				
City IT Training Facility				300,000		
City Assessor Modernization		325,000	179,000			
Facilities Communication Repair Vehicle						100,000
DSS E-Vault Upgrade						
Public Facilities Communications	575,000	500,000	575,000	575,000	575,000	575,000
TOTAL ADMINISTRATION	\$4,340,000	\$4,325,000	\$2,904,000	\$2,275,000	\$2,275,000	\$2,575,000
Assessor's						
Assessment System	556,000	250,000				
TOTAL ASSESSORS	\$556,000	\$250,000				

	2016	2017	2018	2019	2020	2021
	BUDGET	PLAN	PLAN	PLAN	PLAN	PLAN
City Attorney						
City Hall Remodel - 8th Floor - City Attorney				1,800,000	1,800,000	
TOTAL CITY ATTORNEY				\$1,800,000	\$1,800,000	
City Clerk						
Channel 25 - Digital Conversion	225,000					
LRB Research Office Upgrade			438,000			
CH Rm 205 Renovation				1,915,000		
TOTAL CITY CLERK	\$225,000		\$438,000	\$1,915,000		
DCD						
Neighborhood Commercial Dist Street Improve Fund		300,000		300,000		300,000
Business Improvement Districts			250,000			250,000
Tax Incremental Districts	53,900,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000
TID Developer-Financed	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000
Advance Planning Fund	150,000	150,000	150,000	150,000	150,000	150,000
Healthy Neighborhoods Initiative						
Housing Infrastructure Preservation Fund	450,000	450,000	450,000	450,000	450,000	450,000
Vacant Lot Loan Program	150,000					
Arts & Resource Buildings	100,000					
In Rem Property	1,330,000	1,000,000	1,000,000	1,500,000	1,500,000	1,500,000
Strong Homes Loan Program	1,500,000	750,000	750,000	750,000	1,000,000	1,000,000
Rental Housing Rehabilitation						
Commercial In Rem Property	250,000	250,000	250,000	250,000	250,000	250,000
Commercial Investment Program	500,000	500,000	500,000	500,000	500,000	500,000
Brownfields	500,000	500,000	500,000	500,000	500,000	500,000
TOTAL DEPARTMENT OF CITY DEVELOPMENT	\$61,830,000	\$27,400,000	\$27,350,000	\$27,900,000	\$27,850,000	\$28,400,000
FIRE DEPARTMENT						
Major Capital Equipment	1,504,000	1,800,000	2,700,000	2,700,000	2,700,000	2,700,000
Fire Facilities Maintenance Program	725,000	750,000	775,000	570,000	750,000	1,100,000
Auxiliary Power Supply		110,000	110,000	110,000	110,000	
Fire Repair Shop - land acquisition, design & const.						6,000,000
Digital Radio System	400,000					
RMS System	550,000					
TOTAL FIRE DEPARTMENT	\$3,179,000	\$2,660,000	\$3,585,000	\$3,380,000	\$3,560,000	\$9,800,000
ELECTION COMMISSION						
Voting Machine Replacement						
TOTAL ELECTION COMMISSION						
FIRE & POLICE COMMISSION						
Office Remodeling			150,000			
TOTAL FIRE & POLICE COMMISSION						

	2016	2017	2018	2019	2020	2021
	BUDGET	PLAN	PLAN	PLAN	PLAN	PLAN
HEALTH DEPARTMENT						
Health Facilities Capital Projects	405,000	431,000	402,000	401,000	397,000	279,000
Lead Paint Prevention/Abatement	340,000					
TOTAL HEALTH DEPARTMENT	\$745,000	\$431,000	\$402,000	\$401,000	\$397,000	\$279,000
LIBRARY						
Central Library Improvements Fund	1,000,000	1,200,000	1,700,000	1,700,000	1,700,000	850,000
Neighborhood Library Improvements (Int, ext, mech)					400,000	1,680,000
Branch Library- New Construction	4,800,000	500,000	4,100,000	600,000		
TOTAL LIBRARY	\$5,800,000	\$1,700,000	\$5,800,000	\$2,300,000	\$2,100,000	\$2,530,000
NEIGHBORHOOD SERVICES						
Conversion of Anderson Water Tower Garage	225,000					
Concentrated Blight Elimination	2,200,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Code Compliance Loan Program	500,000	500,000	500,000	500,000	500,000	500,000
TOTAL DEPARTMENT OF NEIGHBORHOOD SERVICES	\$2,925,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000
MUNICIPAL COURT						
CATS and Website Upgrade		384,000				
TOTAL MUNICIPAL COURT		\$384,000				
POLICE DEPARTMENT						
Police Administration Building Remodeling	2,100,000	6,662,000	1,200,000	6,150,000	5,731,000	5,800,000
District Repairs	500,000	500,000	500,000	500,000	500,000	500,000
Radio & Communications Upgrade	440,000		375,000			
RMS System	1,100,000	1,000,000				
Upgrade CAD System	1,300,000					
Mobile Data Computer Upgrades	758,000					
Digital Asset Management System Replacement			150,000			
911 Network Upgrade	72,000					
MediaSolv Interview Room Camera Upgrade	250,000		250,000			
Radio Dispatch Console Upgrades	1,900,000					
Mobile Fingerprint ID System			850,000			
Warrants & Alerts Application System				350,000		
Uninterruptable Power Supply	425,000		425,000			
IT Server and Data Storage Replacement	225,000					
3rd District Parking Deck Repairs						
TOTAL POLICE DEPARTMENT	\$9,070,000	\$8,162,000	\$3,750,000	\$7,000,000	\$6,231,000	\$6,300,000

	2016	2017	2018	2019	2020	2021
	BUDGET	PLAN	PLAN	PLAN	PLAN	PLAN
PORT OF MILWAUKEE						
Dockwall Rehabilitation		150,000		150,000		150,000
Pier Berth and Channel Improvements		200,000		200,000		200,000
Roadway Paving					100,000	
Port Security			100,000		100,000	
Terminal Resurfacing		50,000	250,000			100,000
Harbor Dredging		50,000				
Rail Track & Service Upgrades	400,000	500,000		100,000		100,000
Transload Terminal						350,000
New Crane	4,000,000					
Heavy Lift Dock		520,000				
Demolish/Rehab Expired Leasehold Facilities			100,000			
TOTAL PORT OF MILWAUKEE	\$4,400,000	\$1,470,000	\$450,000	\$450,000	\$200,000	\$900,000
DPW OPERATIONS DIVISION						
Brine Makers	100,000		275,000			
Municipal Recovery Facility Project						2,000,000
Concealed Irrigation and Landscaping City Blvds	250,000	500,000	500,000	500,000	500,000	500,000
Tree Planting & Production Program	1,400,000	1,560,000	1,560,000	1,560,000	1,560,000	1,560,000
Hazardous Tree Removal		75,000	75,000	75,000	75,000	75,000
Stump Removal	500,000	500,000	500,000	500,000	500,000	500,000
Emerald Ash Borer Readiness & Response	980,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Emerald Ash Borer Transition						
Major Capital Equipment (\$50,000 or More)	6,725,000	6,000,000	6,000,000	7,100,000	7,200,000	5,000,000
Vacant Lot Beautification						
TOTAL DPW OPERATIONS DIVISION	\$9,955,000	\$9,635,000	\$9,910,000	\$10,735,000	\$10,835,000	\$10,635,000

	2016	2017	2018	2019	2020	2021
	BUDGET	PLAN	PLAN	PLAN	PLAN	PLAN
DPW INFRASTRUCTURE SERVICES DIVISION						
Major Bridge Program - State & Federal Aided	277,000	2,471,000	1,209,000	680,000	600,000	690,000
Bridge Program - Local	4,100,000	4,950,000	5,000,000	6,300,000	7,725,000	6,480,000
St Improvements - State/Federal Aided Projects	8,136,000	7,500,000	5,800,000	6,600,000	9,000,000	4,800,000
****Special Assessment****	473,000	310,000	325,000	325,000	500,000	175,000
New Street Construction		200,000			200,000	
****Special Assessment****		150,000			150,000	
New Street - Developer	100,000		400,000			400,000
Street Reconstruction and Resurface	7,000,000	5,000,000	9,300,000	14,000,000	12,300,000	14,000,000
****Special Assessment****	600,000	600,000	1,200,000	1,200,000	1,200,000	1,200,000
High Impact Streets Program	8,000,000	6,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Alley Reconstruction and Resurface		500,000	500,000	500,000	500,000	500,000
****Special Assessment****		250,000	250,000	250,000	250,000	250,000
Sidewalk Repl Program (Contract and Scattered Sites)	1,425,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
****Special Assessment****	475,000	500,000	500,000	500,000	500,000	500,000
Street Lighting Program Citywide	9,120,000	8,650,000	9,150,000	9,150,000	9,150,000	9,150,000
Traffic Control Facilities Citywide	520,000	750,000	1,500,000	1,500,000	1,500,000	1,500,000
Underground Conduit and Manholes	736,000	500,000	500,000	500,000	500,000	500,000
Electrical & Comm. Manhole Reconstruction Program	1,225,000	1,000,000	1,225,000	1,225,000	1,225,000	1,225,000
TOTAL DPW INFRASTRUCTURE SERVICES DIVISION	\$42,187,000	\$40,831,000	\$40,359,000	\$46,230,000	\$48,800,000	\$44,870,000
Facilities						
City Hall Foundation Repairs	13,000,000	13,000,000	12,000,000	8,500,000	8,500,000	
Environmental Remediation Program	150,000	150,000	150,000	150,000	150,000	150,000
ADA Compliance Program	200,000	2,000,000	2,000,000	75,000	75,000	75,000
Facilities Exterior Program	1,000,000	600,000	1,000,000	1,250,000	1,250,000	1,250,000
Facilities Systems Program	680,000	600,000	1,000,000	1,250,000	1,250,000	1,250,000
MKE Plays	250,000	200,000	200,000	200,000	200,000	200,000
Space Planning Alterations and Engineering	400,000	400,000	400,000	400,000	400,000	400,000
Energy Efficiency & Renewable Energy Initiative						
North Point Lake Tower Restoration						400,000
Hartung Park Landfill Closure	200,000					
TOTAL DPW FACILITIES PROJECTS	\$15,880,000	\$16,950,000	\$16,750,000	\$11,825,000	\$11,825,000	\$3,725,000
Sub Total - Departmental	\$169,604,000	\$124,712,000	\$122,212,000	\$126,727,000	\$126,389,000	\$120,532,000
FUNDING SOURCES						
GO Borrowing	93,907,000	86,767,000	83,802,000	88,317,000	87,654,000	82,271,999
Cash Levy	949,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,001
TID-Financed	53,900,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000
Special Assessment	1,548,000	1,810,000	2,275,000	2,275,000	2,600,000	2,125,000
Cash Revenues	19,300,000	14,935,000	14,935,000	14,935,000	14,935,000	14,935,000
Total	169,604,000	124,712,000	122,212,000	126,727,000	126,389,000	120,532,000

	2016	2017	2018	2019	2020	2021
	BUDGET	PLAN	PLAN	PLAN	PLAN	PLAN
PARKING FUND						
Parking Facility Maintenance	100,000	200,000	200,000	200,000	200,000	200,000
1000 North Water Parking Structure Repairs	150,000				88,000	855,000
MacArthur Square Parking Structure Repairs	30,000	1,000,000	750,000	1,250,000	950,000	974,000
Milwaukee/Michigan Parking Structure Repairs	550,000	300,000		300,000	600,000	600,000
Fourth and Highland Parking Structure Repairs	50,000					
Second and Plankinton Parking Structure Repairs						38,000
Multi-Space Meter Replacement				1,100,000	900,000	600,000
Purchase Single-Space Credit Card Meters	650,000					
Replace Parking Structure Revenue Control & Access Equip	50,000	1,500,000				
Repave Tow Lots and Some Surface Lots	200,000		25,000		25,000	
Tow Lot Office Expansion						
Permanent Improvement Reserve	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
TOTAL PARKING FUND	\$6,780,000	\$8,000,000	\$5,975,000	\$7,850,000	\$7,763,000	\$8,267,000
DPW WATER WORKS						
Distribution System	19,500,000	20,000,000	23,400,000	23,400,000	26,000,000	26,500,000
Assessable Main Program	5,000	100,000	5,000	5,000	100,000	5,000
Developer Out-of-Program Agreement (Various Loc)	5,000	100,000	5,000	5,000	150,000	5,000
Feeder Main Program						
Linnwood Plant Building Improvements	425,000	1,035,000	350,000	1,175,000	850,000	550,000
Linwood Plant Treatment Improvements	775,000	2,750,000	1,090,000	1,350,000	2,765,000	5,000,000
Howard Plant Building Improvements		575,000	170,000	50,000	550,000	250,000
Howard Plant Treatment Improvements	750,000	1,350,000	550,000	550,000		1,000,000
Pump Facilities Improvements	200,000	2,500,000	2,850,000	5,200,000	4,500,000	2,500,000
Storage Facilities Improvements	2,000,000	1,400,000	3,600,000			
Meter Shop Improvements		125,000	175,000			
Backup Power Generation						
Capital Projects Contingencies	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
TOTAL DPW WATER WORKS	\$25,660,000	\$31,935,000	\$34,195,000	\$33,735,000	\$36,915,000	\$37,810,000

	2016	2017	2018	2019	2020	2021
	BUDGET	PLAN	PLAN	PLAN	PLAN	PLAN
DPW SEWER MAINTENANCE FUND						
Sewer Relief & Relay Program	28,000,000	32,000,000	32,000,000	32,000,000	33,000,000	33,000,000
Developer Out-of-Program Agreement (Various Loc)						
Water Quality Projects to meet TMDL Requirements	1,000,000	500,000	500,000	500,000	500,000	500,000
Water Quality Projects- Grant & Aid	674,000	674,000	674,000	845,000		
Stormwater TSS Reduction						
Sanitary Pump Facility Projects	700,000	700,000	700,000	700,000	700,000	700,000
River Channel Maintenance		200,000	200,000	200,000	200,000	200,000
Flood Mitigation	4,300,000	1,500,000				
I&I Reduction Projects	4,500,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
I&I Grants & Aid	1,650,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000
TOTAL DPW SEWER MAINTENANCE FUND	\$40,824,000	\$42,374,000	\$40,874,000	\$41,045,000	\$41,200,000	\$41,200,000
TOTAL ENTERPRISE FUNDS	\$73,264,000	\$82,309,000	\$81,044,000	\$82,630,000	\$85,878,000	\$87,277,000
TOTAL CAPTIAL IMPROVEMENTS PLAN	\$242,868,000	\$207,021,000	\$203,256,000	\$209,357,000	\$212,267,000	\$207,809,000