



**VILLAGE OF MAPLE PARK
CAPITAL IMPROVEMENT AND
MAINTENANCE (CIP/MP) PLAN
APPROVED: DECEMBER 1, 2020**



Village of Maple Park

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MEMORANDUM

TO: Village President and Board of Trustees

FROM: Village Administrator Dawn Wucki-Rossbach *DW*

DATE: November 12, 2020

SUBJECT: CAPITAL IMPROVEMENT PLAN AND MAINTENANCE PLAN (CIP/MP)

OVERVIEW

The Village of Maple Park has talked about completing a Five-Year Capital Improvement Plan and having a Maintenance Plan (CIP/MP) for the last several years. The CIP/MP is a process that assesses the capital needs of the Village against its overall goals and objectives, using a multi-year planning timeframe of eight (8) years. However, the actual CIP/MP file is projected out for 18 years, but only eight (8) years of the plan show in the CIP/MP document. The expenditures for the CIP/MP Plan will be prioritized through coordination of goals and priorities established through the Village Board's Strategic Plan, TIF District Policies and budget process. The CIP/MP is not a legally binding document, and it can change from year-to-year depending on the financial position of the Village and/or the cost of the particular project or purchase.

The Government Finance Officers Association (GFOA) has identified capital planning as a best practice ... *Capital planning is critical to water, sewer, transportation, sanitation, and other essential public services. It is also an important component of a community's economic development program and strategic plan. Capital facilities and infrastructure are important legacies that serve current and future generations. It is extremely difficult for governments to address the current and long-term needs of their constituents without a sound multi-year capital plan that clearly identifies capital and major equipment needs, maintenance requirements, funding options, and operating budget impacts.*

The Capital Improvement Plan (CIP) focuses on long-range planning of infrastructure investments. The Village has evaluated and prioritized the assets for eventual replacement over an eight-year period. Each asset is scheduled for replacement based on current condition, regulatory or functional requirements, life expectancy and replacement costs. Assets targeted for replacement is based on need. Even with ongoing maintenance, assets have varying service lives; sanitary and water mains are expected to last up to 50 years and roads may last 10. Replacing these types of items place a large strain on the Village's financial resources so long-term planning is essential. The CIP will be reviewed annually and where the assets lay in the plan may be adjusted based on the condition of the asset. Repair or replacement of the assets identified on the CIP list will be reviewed during the budget process where the cost of their replacements can be balanced against incoming revenue. The Top CIP Priorities are listed on Page 1 of the CIP spreadsheet. The remainder of projects valued at \$20,000 or greater follow on the next five (5) pages. As projects are completed, they will be removed and placed in the next projected replacement year.

The Maintenance Plan (MP) focuses on annual and long-range planning for the replacement of such as computers, pumps and valves and vehicle purchases, etc. The Village has evaluated and prioritized the assets for eventual replacement over five-year period. Each asset is scheduled for replacement based on current condition, regulatory or functional requirements, life expectancy and replacement costs. Assets targeted for replacement is based on need. Even with ongoing maintenance, assets have varying service lives; police vehicles for Maple Park are usually replaced after 10 years based on mileage and historical maintenance costs and wastewater lift station pumps are evaluated every five (5) years and are either repaired or replaced based on the condition of the pump. Replacing these types of items are a strain on the Village's financial resources so annual and long-term planning is essential. The MP will be reviewed annually and assets and the repair/replacement year may be adjusted based on the condition of the asset. Repair or replacement of the assets identified on the MP list will also be reviewed during the budget process where the cost of their replacements can be balanced against incoming revenue.

As good fiscal stewards for the Village, the Village Board and Staff agreed that the CIP/MP should be a plan that is financially realist. As a result, the proposed CIP/MP has been aligned with the Village's Long-Term Financial Forecast and Analysis (LTFFA). The dollars shown in each fiscal year in the CIP/MP have been included in each fiscal year of the Long-Term Financial Plan.

Types of Capital Improvement Projects

Capital projects are classified into one (1) of seven (7) of the following categories and are valued at over \$20,000.

Facilities – Façade upgrades, carpet and flooring repairs/replacements, HVAC repair/replacement and upgrades, retrofitting of lighting, generators, roof repairs on public buildings.

Parks & Grounds – Playground equipment, shelter structure repairs/replacements, and roofing.

Stormwater - Detention ponds and storm sewer mains.

Streets – Maintenance of streets, rights-of-way, sidewalks, street lighting, utility boxes, curbs, gutters and catch basins. The CIP looks at the current street replacement program budgeted and proactively looks ahead to the next street replacement project so that it serves as a visual reminder to the Village Board and Staff.

TIF District – Street and storm sewer projects, water and water treatment facility projects; and wastewater and wastewater treatment facility projects.

Water & Water Treatment Facility – Water treatment plant, water softeners, valves, pumps, chemical storage tanks, water storage tanks, water control system, control panels, alarm systems, customer water meters, effluent and brine meters, wells, chemical residue analyzers, utility billing software and generators. Also includes the cost associated with implementing the Risk and Resilience and Emergency Response Plan for the Village's Water Treatment Facilities.

Wastewater & Wastewater Treatment Facility – Wastewater treatment plant facility, lagoon maintenance, effluent meters, lift stations and lift station pumps, blowers, control panels, alarm systems and generators.

Types of Maintenance Items/Projects

Maintenance items/projects are classified into one (1) of nine (9) categories, items/projects are less than \$20,000.

Information Technology & Equipment – Hardware and software systems and components, which address the communication and information processing needs for daily Village operations such as public safety and emergency services, wireless networks, communications to the residents, etc.

Vehicles – Police vehicles and public works motorized equipment such as backhoes, skid steer loaders, dump trucks, mowers, etc.

Facilities – Façade upgrades such as lentil repair, carpet and flooring repairs/replacements, HVAC repair/replacement and upgrades, retrofitting of lighting, and minor roof repairs on public buildings, etc.

Parks & Grounds – Playground equipment repairs, shelter structure repairs, minor roof repairs, park benches, and picnic tables, etc.

Streets – Maintenance of streets, rights-of-way, sidewalks, street lighting, utility boxes, curbs, gutters and catch basins. May include crack sealing, pavement rejuvenation, and catch basin cleaning, etc.

Stormwater – Detention pond maintenance, pond aerators and storm sewer mains.

TIF District – May include the General Improvements Assistance Grant Program; minor street and storm sewer projects, water and water treatment facility projects; and wastewater and wastewater treatment facility projects.

Water & Water Treatment Facility – Repair/replacement of water softeners, valves, pumps, chemical storage tanks, water storage tanks, water control system, control panels, alarm systems, customer water meters, effluent and brine meters, wells, chemical residue analyzers, utility billing software and generators. Also include the cost associated with implementing the Risk and Resilience and Emergency Response Plan for the Village's Water Treatment Facility.

Wastewater & Wastewater Treatment Facility – Lagoon maintenance, effluent meters, lift stations and lift station pumps, blowers, control panels, and alarm system.

CIP/MP Detail Information

The CIP/MP contains the following details:

1. Work Area – The Village has been divided into six (6) work areas. Each item is identified in the Work Area in which the item is located. See Work Area Map.
2. Department – Defines the Department or Fund in which the item is budgeted/expensed under.
3. Fund/Department Number – This identifies the Fund Number the items are budgeted/expensed under. The following Village funds are applicable to the CIP/MP: General, Motor Fuel Tax, Road & Bridge, Water and Sewer Fund, Water Improvement, Sewer Improvement, Tax Increment Finance (TIF) District and the Utility Tax.
4. CIP/MP ID# - Each item is assigned a CIP/MP ID # that is used as a tracking measure and is listed in Budget Detail when the capital item is to be purchased.
5. Description – Identifies what the item is and may include the position to which the item is assigned.
6. Manufacturer/Work to be Done – If the manufacturer's name is known it is listed; otherwise, the location and type of work to be done is listed.

7. Make/Model – If known, the make and model of the item is listed.
8. Replacement Year & Replacement Cost – These columns include the past fiscal year and then the Current Fiscal Year serves as Year 1 of the program. The CIP and the MP are rolling plans. Cost for items are updated each year and new items are added as the repair/replacement cycle continues.
9. The last page of the CIP and MP is where the capital item costs are totaled by Fund and then by year in the CIP/MP.

As time permits, a specification sheet will be developed for each item on the CIP/MP list. The specification sheet will include a picture and expected lifespan of the item.

CIP/MP projects appearing in the Current Fiscal Year – Year 1 have been included in the FY2020 – 2021 Budget.

Annual Review Process

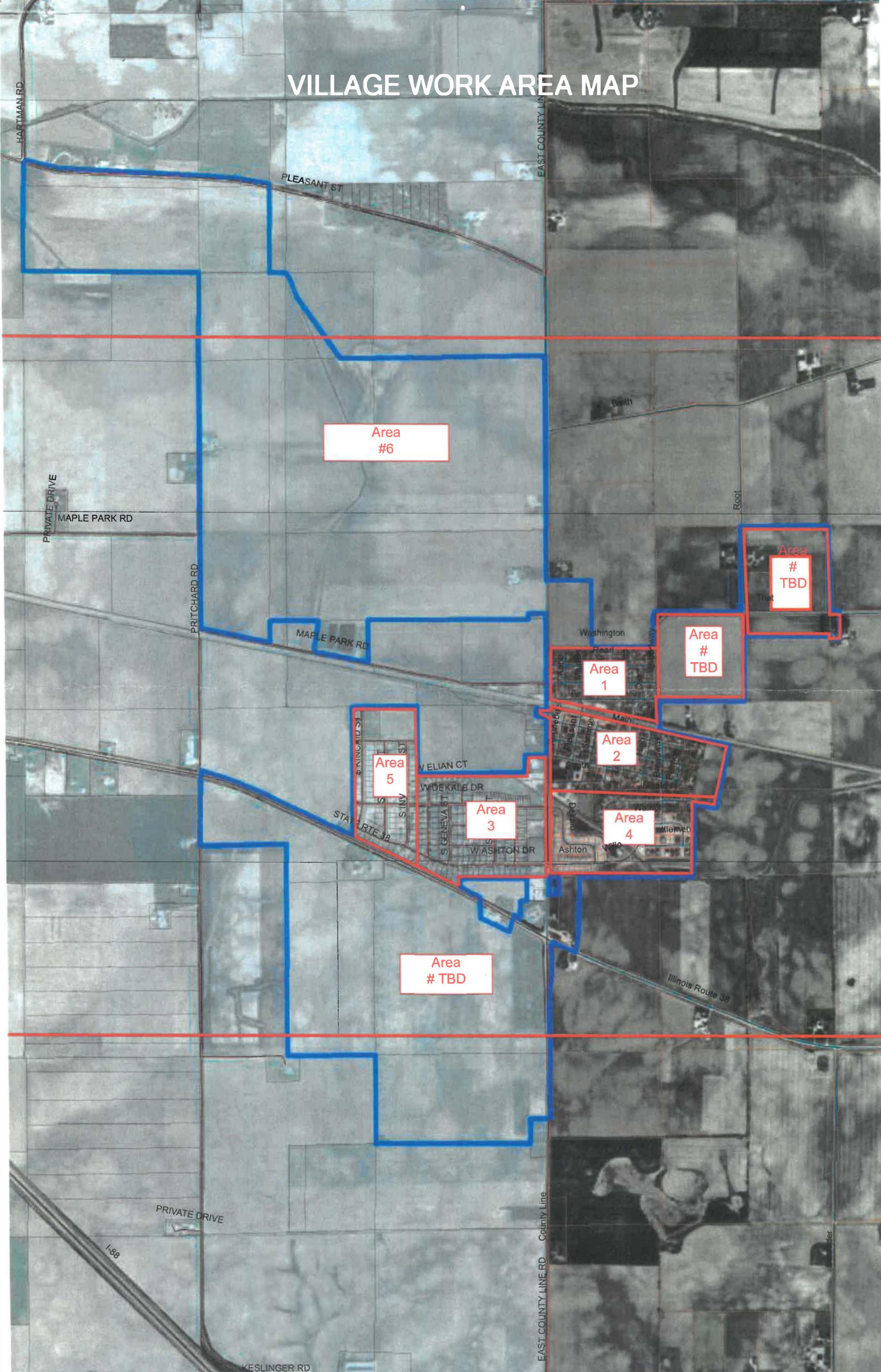
Each year the CIP/MP will be reviewed by the Committee of the Whole, via the Infrastructure Committee Liaison. New items may be added to the list as the Village continues to maintain a complete inventory of Village assets; as existing items are replaced and projects completed, they will be added back onto the CIP/MP list in the next appropriate future replacement/repair year based on the life expectancy of the item.

Once the Infrastructure Committee Liaison has reviewed and recommended the list for the next budget year, the information will then be reviewed and considered by the Committee of the Whole, via the Finance Committee Liaison. This review process ensures that both the physical and financial aspects of the list are evaluated. The Finance Committee Liaison recommends a budget to the Village Board for final approval. Once the Village Board approves the budget, the items/projects will be included in the appropriate line items of the appropriation ordinance and budget. Staff will then move forward with implementing the budget through the purchasing of good/services or projects throughout the fiscal year.

Conclusion

The Village of Maple Park is fiscally conscious of the revenues it receives from various sources and is fiscally conservative with its expenditures. Annual review of the CIP/MP will ensure that the Village continues to maintain functional facilities, equipment and vehicles so that it can continue to deliver daily operations without interruption. Having a Capital Improvement Plan and Maintenance Plan (CIP/MP) in place illustrates that the Village Board are acting as good financial stewards for the residents and business/property owners within the Village by having this best management practice in place.

VILLAGE WORK AREA MAP



VILLAGE OF MAPLE PARK
WORK AREA BOUNDARY DEFINITIONS

Area 1

North: Washington Street
South: Railroad Tracks
East: North Broadway Street
West: West County Line Road

Area 2

North: Railroad Tracks
South: Maple Street
East: Eastern Village of Maple Park Municipal Border
West: West County Line Road

Area 3

North: Elian Court
South: West Ashton Street
East: Elizbeth Street
West: South Huntley Street

Area 4

North: Willow Street
South: West Ashton Street
East: Eastern Village of Maple Park Municipal Border
West: Elizabeth Street

Area 5

North: Northern Village of Maple Park Municipal Border
South: West Ashton Street
East: South Huntley Street
West: Western Village of Maple Park Municipal Border

Area 6

North: Northern Village of Maple Park Municipal Border
South: Maple Park Road
East: County Line road
West: Pritchard Road



**VILLAGE OF MAPLE PARK
CAPITAL IMPROVEMENT PLAN (CIP)**

**VILLAGE OF MAPLE PARK
CAPITAL IMPROVEMENT PLAN**

TOP CIP PRIORITIES

CIP							Replacement Year & Replacement Cost								
Work Area	Department	Fund/Dept. Number	CIP/MF	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Current Fiscal Year - Year 1 - FY2021	Year 2 - FY2022	Year 3 - FY2023	Year 4 - FY2024	Year 5 - FY2025	Year 6 - FY2026	Year 7 - FY2027	Year 8 - FY2028

WATER & WATER TREATMENT FACILITY

WA1	Water Improv.	54-00	W-0016	Water Tower - Engineering + Additional Location Analysis				30,000							
WA1	TIF	13-00	W-0022	Water Tower - Construction				0	30,000	0	912,500	912,500	0	0	0

WASTEWATER & WASTEWATER TREATMENT PLANT

WA6	WWTP	56-10	WWTP-0002	WWTP Facility (New) - 3.23 Acre Land Purchase, Appraisal, Legal/Closing				275,000							
								0	0	0	0	0	0	0	0

STREET REPAIR/REPLACEMENT

WA1	Road & Bridge	15-00	RB-0001	Center Street - East of Broadway	Engineering - Road/Stormwater Construction - Stormwater Construction - Pavement										
WA1	MFT	19-00	MF-T-0001	Center Street - East of Broadway							25,000				
WA1	MFT	19-00	MF-T-0002	Center Street - East of Broadway								85,000			
WA1	Road & Bridge	19-00	RB-0002	Pearl Street - Maiden to North Broadway	Engineering - Road						25,000				
WA1	Road & Bridge	19-00	RB-0003	Pearl Street - Charles	Engineering - Stormwater Construction - Stormwater Construction - Pavement						15,000				
WA1	Road & Bridge	15-00	RB-0006	Broadway								60,000			
WA1	MFT	19-00	MF-T-0003	Pearl Street - Maiden to North Broadway	Construction - Pavement								159,000		
								0	40,000	0	25,000	85,000	60,000	159,000	0
								0	70,000	275,000	937,500	987,500	60,000	159,000	0

TIF DISTRICT

WA1	TIF	13-00	TIF-0001	Wayside Horns	Preliminary Engineering										
WA1	TIF	13-00	TIF-0002	Wayside Horns	Horn Installation										
WA2	TIF	13-00	TIF-0003	Water Tower	Construction										
WA2	TIF	13-00	TIF-0004	Area 2 Televising							29,891	912,500			
WA2	TIF	13-01	TIF-0005	Area 4 Televising					0	0	23,889	936,389	912,500	0	0
WA3	TIF														600,000

CIP						Replacement Year & Replacement Cost									
Work Area	Department	Fund/Dept. Number	CIP/IMP	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Current Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	Year 6 FY2026	Year 7 FY2027	Year 8 FY2028
WA4	Admin	01-10	A-0016	Civic Center - Space Needs Study											
WA4	Admin	01-10	A-0017	Civic Center - Kitchen Cabinets											
WA4	Admin	01-10	A-0018	Civic Center - Roof											
WA4	Admin	01-10	A-0019	Civic Center - Gym Floor											
WA4	Admin	01-10	A-0020	Civic Center - Gym HVAC											
WA4	Admin	01-10	A-0021	Civic Center - Gym Electrical/Plumbing											
WA4	Admin	01-10	A-0022	Civic Center - Stage											
WA4	Admin	01-10	A-0023	Civic Center - Lintels											
WA4	Admin	01-10	A-0024	Civic Center - Gutters											
WA4	Admin	01-10	A-0025	Civic Center - Board Room Floor, screening											
WA4	Admin	01-10	A-0026	Civic Center - HVAC - Site Survey & Design Prep.											
WA4	Admin	01-10	A-0027	Civic Center - HVAC - Install New Equipment											
WA4	Admin	01-10	A-0028	Civic Center - Exterior Brick Tuckpointing											
WA4	Admin	01-10	A-0029	Police Department - Bathroom Remodel											
WA4	Admin	01-10	A-0030	Police Department - Emergency Operations Center Work - IT/Electrical											
WA4	Admin	01-10	A-0031	Civic Center - Generator, Pad and ATS											
WA4	Admin	01-10	A-0032	Civic Center - Wheelchair Lift											
WA4	Admin	01-10	A-0033	Civic Center - Tile Removal/Replacement*											
WA4	Admin	01-10	A-0034	Public Works Garage											
WA4	Admin	01-10	A-0035	Welcome Sign - County Line Road											

*Estimate at \$40 sf X 600 sf

CIP							Replacement Year & Replacement Cost								
Work Area	Department	Fund/Dept. Number	CIP/MP	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year -	Current Fiscal Year - Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
							FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
PARKS & GROUNDS															
WA1	Parks	01-20	PK-0005	Washington Park - Playground Equipment											
WA4	Parks	01-20	PK-0006	McAdams Park - Pavilion Roof											
WA4	Parks	01-20	PK-0007	McAdams Park - Playground Equipment											
WA4	Parks	01-20	PK-0008	Civic Center - Playground											
WA4	Parks	01-20	PK-0011	Willow Park - Playground Equipment											
							0	0	0	0	0	0	0	0	
														25,000	

CIP						Replacement Year & Replacement Cost									
Work Area	Department	Fund/Dept. Number	CIP/MF	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Current Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	Year 6 FY2026	Year 7 FY2027	Year 8 FY2028
STREET REPAIR/REPLACEMENT															
WA4	MFT	19-00	MFT-0004	Maple - Walnut to end of street at corn field	Engineering - Stormwater								15,000		
WA4	MFT	19-00	MFT-0008	Maple - Walnut to end of street at corn field	Engineering - Road								25,000		
WA4	Road & Bridge	15-00	RB-0007	Maple - Walnut to end of street at corn field	Construction - Stormwater										
WA4	MFT	19-00	MFT-0005	Maple - Walnut to end of street at corn field	Construction - Pavement										
WA4	MFT	19-00	MFT-0006	State Street	Preliminary										
WA2	TIF	13-00	TIF-0001	Wayside Horns	Engineering								7,500		
WA3	TIF	13-00	TIF-0002	Wayside Horns	Horn Installation		0	0	0	0	0	47,500	0	600,000	

CIP							Replacement Year & Replacement Cost								
Work Area	Department	Fund/Dept. Number	CIP/MP	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Current Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	Year 6 FY2026	Year 7 FY2027	Year 8 FY2028
WATER & WATER TREATMENT FACILITY															
WA1	Water	52-10	W-0021	Source Water Protection Plan Generator - ATS, electric, pad, natural gas piping											
WA1	Water	52-10	W-0027	Chemical Chloride Feed System & Storage Tank		Regulatory									
WA1	Water	52-10	W-0028	Well No. 4											
WA1	Water	52-10	W-0050	Softener No. 1		220 gpm @ 485 ft									
WA1	Water	52-10	W-0051	Tonka 40 HP											
WA1	Water	52-10	W-0052	Softener No. 2		Tonka Media replaced 2018									
WA1	Water	52-10	W-0053	Well No. 5		350 gpm @ 520 ft Media replaced 2018									
WA1	Water	52-10	W-0054	Chlorine Residual Analyzer		Evogqua 75 HP									
WA1	Water	52-10	W-0055	Loss of Head Gauge		US Filter Control Systems Depolox 3 Plus									
WA1	Water	52-10	W-0056	Water Treatment Control Panel/PLC		Wunderlich-Malec Model A300	0	0	0	30,000	175,000	85,000	20,000	0	

CIP						Replacement Year & Replacement Cost								
Work Area	Department	Fund/Dept. Number	CIP/IMP	Description	Manufacturer/ Work To Be Done	Past Fiscal Year - FY2020	Current Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	Year 6 FY2026	Year 7 FY2027	Year 8 FY2028
WASTEWATER & WASTEWATER TREATMENT PLANT														
WA6	WWTP	56-10	WWTP-0001	WWTP Cesspool vegetation management - burn/removal			20,000							
WA6	WWTP	56-10	WWTP-0003	WWTP Facility (New) - Engineering/Design/Permitting										
WA6	WWTP	56-10	WWTP-0004	WWTP Facility (New) Construction										
WA6	WWTP	56-10	WWTP-0011	Decommission/Remove Cesspools at WWTP										
WA6	WWTP	56-10	WWTP-0005	Blower #1: Enclosures & VFD*	Gardner, Denver									
WA6	WWTP	56-10	WWTP-0006	Blower #2: Enclosures & VFD*	Gardner, Denver			70,000						
WA6	WW	52-20	WWTP-0008	WWTP - Generator, ATS, electric, pad, natural gas piping										
WA6	WWTP	56-10	WWTP-0009	Point Source Protection Plan										
WA6	WWTP	52-20	WWTP-0012	Lift Station - WWTP										
WA3	WWTP	52-20	WWTP-0013	Lift Station - County Line Road										
WA4	Administration, Water, Sewer*	01-10, 52-10, 52-20	A-0017	Generator	Generac	0	20,000	0	0	70,000	30,000	0	175,000	
TOTAL						400	130,000	275,000	967,500	1,242,500	175,000	226,500	175,000	625,000

*Can be transferred to new WWTP Facility based on proposed design.

CAPITAL IMPROVEMENT PLAN (CIP) BY FUND

Fund	Fund/Dept. Number	Description	Replacement Year & Replacement Cost								
			Past Fiscal Year - FY2020	Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	Year 6 FY2026	Year 7 FY2027	Year 8 FY2028
General Fund	01-10	Facilities		400	40,000	0	0	0	0	0	0
	01-20	Parks & Grounds	0	0	0	0	0	0	0	0	25,000
		TOTAL	400	40,000	0	0	0	0	0	0	25,000
Road & Bridge	15-00	Street Repair/Replace.	0	40,000	0	0	0	60,000	0	0	0
		TOTAL	0	40,000	0	0	0	60,000	0	0	0
MFT	19-00	Street Repair/Replace.	0	0	0	25,000	25,000	85,000	0	159,000	0
		TOTAL	0	0	0	25,000	25,000	85,000	0	159,000	0
TIF District	13-00		0	0	0	936,389	912,500	0	7,500	0	600,000
		TOTAL	0	0	0	936,389	912,500	0	7,500	0	600,000
Water Fund	52-10	Water/Water Treatment Plant	0	0	0	30,000	175,000	85,000	20,000	0	0
		TOTAL	0	0	0	30,000	175,000	85,000	20,000	0	0
Sewer Improvement Fund	56-00	WWTP & Lift Stations	20,000	0	275,000	70,000	30,000	0	175,000	0	0
		TOTAL	20,000	0	275,000	70,000	30,000	0	175,000	0	0
		TOTAL	20,400	105,000	275,000	1,061,389	1,202,500	145,000	361,500	0	625,000



**VILLAGE OF MAPLE PARK
MAINTENANCE PLAN (MP)**

**VILLAGE OF MAPLE PARK
MAINTENANCE PLAN**

Work Area	Department	MAINTENANCE PLAN				Replacement Year & Replacement Cost											
		Fund/Dept. Number	CIP/MP	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Current Fiscal Year - FY2021	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7		
															FY2027 FY2028		
INFORMATION TECHNOLOGY & EQUIPMENT																	
WA4	Utility	12-00	A-C001	Server	HP	Proliant ML110 Gen10									13,000		
WA4	Administration	01-10	A-C002	Desktop - Village Clerk	HP										1,000		
WA4	Administration	01-10	A-C003	Laptop - Village Accountant	Lenovo	20E/002/US									1,000		
WA4	Administration	01-10	A-C004	Laptop - Village Administrator	Lenovo	20NB001/US									1,300		
WA4	Police	01-30	PD-C001	Laptop - Police Department	HP	HP ProBook 450 G4									1,000		
WA4	Police	01-30	PD-C003	Desktop - Police Chief	HP	HP ProDesk 400 G4 SFF									1,000		
WA4	Police	01-30	PD-C004	Desktop - Sergeant	HP	HP EliteDesk 705 G4 DM 65W (TAA)									1,500		
WA4	Police	01-30	PD-C005	Desktop - Patrol 1	HP	HP EliteDesk 705 G4 DM 65W (TAA)									1,500		
WA4	Police	01-30	PD-C006	Desktop - Patrol 2	HP	HP EliteDesk 705 G4 DM 65W (TAA)									1,500		
WA4	Streets, Water, Sewer	01-50	ST-C001	Desktop - Public Works Drilling, Inspir. (13)	LENOVO	10M/PRO04/US									333		
WA4	Administration	01-10	A-C005	Desktop - Board Room	HP	HP ProDesk 600 G3 DM									1,000		
WA4	Administration	01-10	A-C006	Desktop - Village Accountant	Lenovo	20NB001/US									900		
WA4	Administration	01-10	A-C007	Uninterrupted Power Source	APC	Model 1500											
WA4	Administration, Water, Sewer*	01-10, 01-30, 52-10, 52-20	A-C008, A-C009, A-C010, A-C011	Monitors - Six (6) 24"													
WA4	Police	01-30	PD-C007 - PD-0010	Monitors - Four (4) 24"													
WA4	Utility	12-01	A-C014	Copy Machine - Village Hall											600		
WA4	Utility	12-00	A-C015	Copy Machine - Police Dept.											15,000		
WA4	Administration	01-10	A-C016	Automated External Defibrillators (AED) - Two (2) (LE 5 - 8 years)											1,700		
WA4	Administration, Water, Sewer*	01-10, 01-32-10, 52-20	A-C017	Generator	Generic											1,750	
							0	0	6,033	3,300	4,500	28,900	600	600	1,750		

MAINTENANCE PLAN									Replacement Year & Replacement Cost							
Work Area	Department	Fund/Dept. Number	CIP/MP	Description	Manufacturer/ Model	Work To Be Done	Make/Model	Current Fiscal Year - FY2020	Past Fiscal Year - FY2021	Year 1 FY2022	Year 2 FY2023	Year 3 FY2024	Year 4 FY2025	Year 5 FY2026	Year 6 FY2027	Year 7 FY2028
VEHICLES																
WA4	Police	01-30	PD-0011	Police SUV	2007 Ford Expedition			24,784								
WA4	Police	01-30	PD-0012	Police Squad	2004 Chevrolet Impala											
WA4	Police	01-30	PD-0013	Police SUV	2017 Ford Interceptor											
WA4	Police	01-30	PD-0014	Police Squad	2017 Ford Taurus											
WA4	Street, Water, Sewer	01-50, 52-10, 52-20	ST-0002	Dump Truck	1998 Ford L350											
WA4	Street, Water, Sewer*	01-50, 52-10, 52-20	ST-0003	Pickup Truck w/Snow Plow	2004 Ford F350											
WA4	Street, Water, Sewer*	01-50, 52-10, 52-20	ST-0004	Pickup Truck w/Snow Plow	2015 Ford F350 Super Duty											
WA4	Bike & Grounds, Street, Water, Sewer	01-20, 01-50, 52-10, 52-20	PK-0001	Lawn Mower	2007 Exmark 675											
WA4	Parks & Grounds, Street, Water, Sewer**	Changes from 01-20, 01-50, 52-10, 52-20 to Utility Tax Fund 12-00	PK-0002	Lawn Mower	2015 Exmark Lazer Z - E Series Model #ZE20KA50155											
WA4	Parks & Grounds, Street, Water, Sewer**	Changes from 01-20, 01-50, 52-10, 52-20 to Utility Tax Fund 12-00	PK-0003	Skidster	2001 Bob Cat Model B73G High Flo											
*Split three ways.									24,784	0	675	0	0	3,000	11,250	0
**Split four ways.																

MAINTENANCE PLAN										
Work Area	Department	Fund/Dept. Number	CIP/MP	Description	Manufacturer/ Model	Work To Be Done	Current Fiscal Year -			
							Past Fiscal Year -	Year 1	Year 2	Year 3
FACILITIES										
WA4	Admin	01-10	A-0016	Civic Center - Space Needs Study						
WA4	Admin	01-10	A-0017	Civic Center - Kitchen Cabinets						
WA4	Admin	01-10	A-0018	Civic Center - Roof						
WA4	Admin	01-10	A-0019	Civic Center - Gym Floor						
WA4	Admin	01-10	A-0020	Civic Center - Gym HVAC						
WA4	Admin	01-10	A-0021	Civic Center - Gym Electrical/Plumbing						
WA4	Admin	01-10	A-0022	Civic Center - Stage						
WA4	Admin	01-10	A-0023	Civic Center - Utilities						
WA4	Admin	01-10	A-0024	Civic Center - Gutters						
WA4	Admin	01-10	A-0025	Civic Center - Board Room Floor, screening						
WA4	Admin	01-10	A-0026	Civic Center - HVAC - Site Survey & Design Prep.						
WA4	Admin	01-10	A-0027	Civic Center - HVAC - Install New Equipment						
WA4	Admin	01-10	A-0028	Civic Center - Exterior Brick Touchpointing						
WA4	Admin	01-10	A-0029	Police Department - Bathroom Remodel						
WA4	Admin	01-10	A-0030	Police Department - Emergency Operations Center Work - IT/Electrical						
WA4	Admin	01-10	A-0031	Civic Center - Generator, Pad and A/S						
WA4	Admin	01-10	A-0032	Civic Center - Wheelchair Lift						
WA4	Admin	01-10	A-0033	Civic Center - Tile Removal/Replacement*						
WA4	Admin	01-10	A-0034	Public Works Garage						
WA4	Admin	01-10	A-0035	Welcome Sign - County Line Road						

*Estimate at \$40 sf X 600 sf

MAINTENANCE PLAN																
Work Area	Department	Fund/Dept. Number	CIP/MP	Description	Manufacturer/ Model	Work To Be Done	Past Fiscal Year -	Current Fiscal Year -	Replacement Year & Replacement Cost							
							FY2020	FY2021	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
PARKS & GROUNDS																
WA1	Parks	01-20	PK-0004	Washington Park - Pavilion												
WA4	Parks	01-20	PK-0010	Civic Center - Baseball Diamond	Fence replacement											
WA4	Parks & Grounds, Street, Water, Sewer**	01-20, 01-50, 52-10, 10, 52-20	PK-0001	Lawn Mower	2007 Exmark	56" Zero Turn/Model #314633400				675						
WA4	Parks & Grounds, Street, Water, Sewer**	Change from 01-20, 01-50, 52-10, 52-20 to Utility Tax Fund 12-00	PK-0002	Lawn Mower	2015 Exmark	Lazer Z - E Series/Model #ZE7301460455										
WA4	Parks & Grounds, Street, Water, Sewer**	Change from 01-20, 01-50, 52-10, 52-20 to Utility Tax Fund 12-00	PK-0003	Skidsteer	2001 Bob Cat	Model 873G High F0										
									0	0	675	0	0	3,000	11,250	0

MAINTENANCE PLAN									Replacement Year & Replacement Cost									
TIF District	Work Area	Department	Fund/Dept. Number	CIP/MP	Description	Manufacturer/ Model	Work To Be Done	Make/Model	Current Fiscal Year - FY2020	Past Fiscal Year - FY2021	Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	Year 6 FY2026	Year 7 FY2027	Year 8 FY2028
WA4	TIF	13-00	Will be assigned when awarded	General Improvements Assistance Grants - 5 @ \$3,000 ea.					0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	

MAINTENANCE PLAN										Replacement Year & Replacement Cost							
Work Area	Department	Fund/Dept. Number	CIP/MP	Description	Manufacturer	Model	Work To Be Done	Current Fiscal Year - FY2020	Past Fiscal Year - FY2021	Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	Year 6 FY2026	Year 7 FY2027	Year 8 FY2028
STORMWATER																	
WA3	Streets	01-50	ST-005	Aerators - Heritage Hills Detention	3 aerators							11,000					
WA4	TIF	13-00	TIF-003	Teleose, Root Cut, Jet Storm Sewer - WA4					15,930								
								0	15,930	0	11,000	0	0	0	0	0	0

MAINTENANCE PLAN										
Work Area	Department	Fund/Dept. Number	CIP/MP	Description	Manufacturer/ Model	Work To Be Done	Current Fiscal Year -			
							FY2020	FY2021	Year 2	Year 3
WATER & WATER TREATMENT										
WA1	Water	52-10	W-0001	Softener 1 Control Valve - A	Cla-Vai	4" solenoid valve	3,500			
WA1	Water	52-10	W-0002	Softener 1 Control Valve - B	Cla-Vai	4" solenoid valve	3,500			
WA1	Water	52-10	W-0003	150,000 gallon waterspheroid - Item #1 Overflow Pipe Discharge & Replacement	Cla-Vai	4" solenoid valve	3,500			
WA1	Water	52-10	W-0004							
WA1	Water	52-10	W-0005	150,000 gallon waterspheroid - Item #2 Concrete splash Pad under Overflow Pipe Discharge						
WA1	Water	52-10	W-0006	150,000 gallon waterspheroid - Item #3 Frost-Free Pressure Vacuum Vent & Item #4 Weather Tight Cover over Access tube	Cla-Vai	4" solenoid valve	7,800			
WA1	Water	52-10	W-0007	Softener 2 Control Valve - A	Cla-Vai	4" solenoid valve				
WA1	Water	52-10	W-0008	Softener 1 Control Valve - C	Cla-Vai	4" solenoid valve	3,500			
WA1	Water	52-10	W-0009	Softener 1 Control Valve - D	Cla-Vai	4" solenoid valve	3,500			
WA1	Water	52-10	W-0010	Softener 1 Control Valve - E	Cla-Vai	4" solenoid valve	3,500			
WA1	Water	52-10	W-0011	Softener 2 Control Valve - C	Cla-Vai	4" solenoid valve	3,500			
WA1	Water	52-10	W-0012	Softener 2 Control Valve - D	Cla-Vai	4" solenoid valve	3,500			
WA1	Water	52-10	W-0013	Softener 2 Control Valve - E	Cla-Vai	4" solenoid valve				
WA1	Water	52-10	W-0014	Emergency Shower			1,000			
WA1	Water	52-10	W-0016	Well No. 4 Well Pump Control Valve 6A - 4"	Cla-Vai	Model 61-02	3,500			
WA1	Water	52-10	W-0017	Well No. 5 Well Pump Control Valve 6B - 4"	Cla-Vai	Model 61-02	3,500			
WA1	Water	52-10	W-0018	Make up Control Valve	Cla-Vai		3,500			
WA1	Water	52-10	W-0019	Softener Bypass Control Valve	Cla-Vai	130-01				
WA1	Water	52-10	W-0020	Brine Pump	Met-Pro Global Pump Solutions		10,000			
WA1	Water	52-10	W-0023	Sodium Hypochlorite Pump #5	Stemer	No. 2 Tube				
WA1	Water	52-10	W-0024	Sodium Hypochlorite Pump #4	Stemer	No. 2 Tube				
WA1	Water	52-10	W-0025	Hypochlorite Scale #5	Scatleton					
WA1	Water	52-10	W-0026	Hypochlorite Scale #4	Scatleton					
WA1	Water	52-10	W-0029	Polyphosphate Pump #5	LMI	A151-91S				
WA1	Water	52-10	W-0030	Biochlorinate Pump #4	LMI	A151-91S				
WA1	Water	52-10	W-0031	Polyphosphate Scale #5	Scatleton					
WA1	Water	52-10	W-0032	Polyphosphate Scale #4	Scatleton					
WA1	Water	52-10	W-0033	150,000 gallon waterspheroid - Items #2 Abrasive Blast Clean; Item #3 Install Clips/Pressure Fitting for Cathodic Protection						
WA1	Water	52-10	W-0034	150,000 gallon waterspheroid - Item #4 Abrasive Blast Clean; Item #5 Repair Spalling Concrete Foundation						
WA1	Water	52-10	W-0035	150,000 gallon waterspheroid - Item #7 Install Handrail/Painter's Railing on Roof; Item #9 Replace Globe/Cage for Light Fixture; Item #10 Install Ladder Extension on Condensate Plat.						
WA1	Water	52-10	W-0036	150,000 gallon waterspheroid - Item #14 Remove Glandular Expansion Joint Topic; Item #5 Install AL Wbelow; Item #5 Install AL Cover over Fill/Draw Pipe Insulation.						
WA1	Water	52-10	W-0037	150,000 gallon waterspheroid - Item #16 Install Mud Valve; Item #17 Replace Condensate Drain Line.						
WA1	Water	52-10	W-0038	150,000 gallon waterspheroid - Inspection Item #5 Install AL Globe/stile silent check valve	Valmatic	180GBN				
WA1	Water	52-10	W-0039	Globe/stile silent check valve	Valmatic	180GBN				
WA1	Water	52-10	W-0040	Well No. 4 Influent Meter 10A Spacing	FT194					
WA1	Water	52-10	W-0041	Well No. 4 Influent Meter 10A Spacing	F194					
WA1	Water	52-10	W-0042	Well No. 5 Influent Meter 10B Spacing						
WA1	Water	52-10	W-0043	Well No. 5 Influent Meter 10B Spacing						
WA1	Water	52-10	W-0044	Make-up Water Meter	Badger Meter					
WA1	Water	52-10	W-0045	Brine Meter						
WA1	Water	52-10	W-0046	Unit No. 1 Effluent Meter 32A Spacing	FM 104 with F194					
WA1	Water	52-10	W-0047	Unit No. 2 Effluent Meter 32A Spacing	FM 104 with F194					

MAINTENANCE PLAN										
Work Area	Department	Fund/Dept. Number	CIP/MP	Description	Manufacturer/ Model	Work To Be Done	Make/Model	Past Fiscal Year - Year 1	Current Fiscal Year - Year 2	Replacement Year & Replacement Cost
WA6	WWTP	56-00	WWTP-0014	WWTP Sampler Televise, Root Cut, Jet Storm Server - Peer Street					15,281	
WA6	WW	56-00	WWTP-0015	WWTP-0015 Server - Peer Street					17,817	
WA6	WW	52-10	WW-0002	WW-0002 WTP Effluent Meter						
WA6	WW	52-20	WW-0003	Lift Station Submersible Pump - Backup Pump				16,000		
WA6	WW	52-20	WW-0004	County Line Lift Station Submersible Pump #1		How old - 20 years	\$16,000 Pull/repair		10,000	
WA6	WW	52-20	WW-0005	County Line Lift Station Submersible Pump #2		How old - 20 years	\$16,000 Pull/repair		10,000	
WA6	WWTP	56-00	WWTP-0007	Water Well & Booster Tank NOT USED						
WA4	Streets, Water, Sewer	01-10, 52-10, 52- 20	ST-001	Desktop - Public Works Dir/Bdg. Inspr. (1/3)	LENOVO		10MR004UDS		334	
WA4	Administration, Water, Sewer	52-10	A-0012-A- 0013	Monitors - Six (6) 24"						100
WA4	Administration, Water, Sewer	01-10, 52-10, 52- 20	A-0017	Generator	Generic					
WA4	Street, Water, Sewer	01-50, 52-10, 52- 20	ST-0022	Dump Truck	1998 Ford	L350				
WA4	Street, Water, Sewer*	01-50, 52-10, 52- 20	ST-0003	Pickup Truck w/Snow Plow	2004 Ford	F350				
WA4	Street, Water, Sewer*	01-50, 52-10, 52- 20	ST-0004	Pickup Truck w/Snow Plow	2015 Ford	F350 Super Duty				
WA4	Parks & Grounds, Street, Water, Sewer**	01-20, 01-50, 52- 10, 52-20	PK-0001	Lawn Mower	2007 Exmark	56" Zero Turn/Model #314633400	675			
WA4	Parks & Grounds, Street, Water, Sewer**	01-20, 01-50, 52- 10, 52-20	PK-0002	Lawn Mower	2015 Exmark	Lazer Z - E Series/Model #ZET730KA60455				
WA4	Parks & Grounds, Street, Water, Sewer**	01-20, 01-50, 52- 10, 52-20	PK-0003	Skidster	2001 Bob Cat	Model 8733 High Flo	3,000			
TOTAL										
							60,784	128,047	87,357	34,300
										5,600
										1,750

*Can be transferred to new WWTP Facility based on proposed design.

MAINTENANCE PLAN (MP) BY FUND

Fund	Fund/Dept. Number	Description	Replacement Year & Replacement Cost								
			Past FY2020	Current - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	Year 6 FY2026	Year 7 FY2027	Year 8 FY2028
General Fund	01-10	IT & Equipment	0	0	6,033	3,300	4,500	900	600	600	1,750
	01-20-01-30, 01-50-52, 10-52-20	Vehicles	24,784	0	675	0	0	3,000	11,250	0	0
	01-10	Facilities	400	40,000	0	10,000	0	0	0	0	0
	01-20	Parks & Grounds	0	0	675	0	0	3,000	11,250	0	0
	01-50	Street Repair/Replace.	0	0	675	0	0	3,000	11,250	0	0
	01-30	Parks & Grounds	0	0	675	0	0	3,000	11,250	0	0
	01-50	Stormwater	0	15,930	0	11,000	0	0	0	0	0
	TOTAL		25,184	55,930	8,058	24,300	4,500	9,900	34,350	600	1,750
Road & Bridge	01-15	Street Repair/Replace.	9,100	5,400	0	0	0	0	0	0	0
MFT	01-19	Street Repair/Replace.	0	0	20,000	0	0	0	0	0	0
Utility Tax Fund	12-00	Computers						13,000			
		Equipment						24,000	33,750		
	TOTAL			0	0	0	0	37,000	33,750	0	0
TIF District	13-00	General Improvements Grants; Televiser Root Cut; Jet Storm Sewer	0	30,930	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Water Fund	52-10	Water/Water Treatment Plant	10,500	38,900	22,008	10,000	11,900	89,700	16,400	5,000	0
Sewer Fund	52-20	WWTP & Lift Stations	16,000	10,000	17,009	0	0	3,000	761,350	0	0
Sewer Improvement Fund	56-00	WWTP & Lift Stations	0	17,817	15,281	0	0	0	0	0	0
	TOTAL		60,784	158,977	102,357	49,300	31,400	117,600	327,100	20,600	16,750