



# Village of Maple Park

302 Willow Street ♦ P.O. Box 220 ♦ Maple Park, Illinois 60151

Village Hall: 815-827-3309  
Fax: 815-827-4040  
Website: <http://www.villageofmaplepark.org>

**INFRASTRUCTURE COMMITTEE MEETING AGENDA  
TUESDAY, AUGUST 11, 2020  
Maple Park Civic Center  
302 Willow Street, Maple Park, IL  
7:00 p.m.**

- 1. CALL TO ORDER / ESTABLISHMENT OF QUORUM**
- 2. PUBLIC COMMENTS** – *Any resident wishing to address the Board may do so according to the Rules of Public Comment and should register with the Village Clerk prior to the meeting. You may also send an email to [villageclerk@villageofmaplepark.com](mailto:villageclerk@villageofmaplepark.com) in advance of the meeting. The Village Clerk will read such comments during the Public Comment portion of the meeting.*
- 3. APPROVAL OF MEETING MINUTES**
  - June 9, 2020
  - July 14, 2020
- 4. REVIEW OF CURRENT OPERATIONS**
  - a) Water/Wastewater
  - b) Streets
- 5. PROJECT LIST STATUS**
  - a) Cla-Valves
  - b) Civic Center Water Heater
  - c) Lift Station Pump – County Line Road
  - d) Work Area 4 – Televising /Root Cutting/Jetting & Smoke
  - e) Risk and Resilience Assessment/Emergency Response Plan (RRA/ERP) RFP
  - f) Pearl Street – Engineering /Storm
- 6. FIVE-YEAR CAPITAL IMPROVEMENT PLAN/MAINTENANCE PLAN (CIP/MP)**
- 7. ADJOURNMENT**



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## INFRASTRUCTURE COMMITTEE MEETING MINUTES

TUESDAY, JUNE 9, 2020

7:00 P.M.

Maple Park Civic Center  
302 Willow Street, Maple Park, IL

### Join Zoom Meeting

<https://us02web.zoom.us/j/81418067799?pwd=S1U2c2htMi9KemZsYmRSVjBHcGR4Zz09>

Meeting ID: 814 1806 7799

Password: 998237

Dial by your location

+1 312 626 6799 US (Chicago)

### 1. CALL TO ORDER / ESTABLISHMENT OF QUORUM

Chairman Dries called the meeting to order at 7:00pm and asked for a roll call. Members answering present were Chairman Dries, Trustee Rebone, Trustee Harris, Also present were Village Administrator Dawn Wucki-Rossbach and Village Clerk Terri D'Amato.

### 2. PUBLIC COMMENTS – Any resident wishing to address the Committee may also do so by submitting an email to [villageclerk@villageofmaplepark.com](mailto:villageclerk@villageofmaplepark.com) in advance of the meeting. The Committee will read such comments during the Public Comment portion of the meeting.

None heard.

### 3. APPROVAL OF MEETING MINUTES

- Infrastructure Minutes 5-12-20

Motion by Trustee Rebone with 2<sup>nd</sup> by Trustee Harris to approve as read. Motion carried by voice vote.

### 4. STORMWATER MANAGEMENT INFRASTRUCTURE SYSTEM REQUIREMENTS PACKET

Chairman Dries turned it over to Village Administrator Wucki-Rossbach to review the requirements packet regarding the HOA. Reviewed the changes to the checklist that was submitted.

Ability to charge for Jeremy's time for work done. Monthly billable hours or consider the changes in red. Add drawings to bottom of checklist.

Reimbursement for Jeremy's time for inspection – Rebone, yes to recoup some type of fee.

Inspection frequency – Lin – private HOA retention ponds to keep up the maintenance.  
Checklist of items to maintain their own pond – private contractor or neighbors on their own. Making sure that these retention ponds would function like they were intended.  
Timeline/timeframe – May to August annually.  
Jeremy's cost is listed so the cost will be known. Hourly rate included per pond  
Motion to approve the packet with the changes and including

## **5. PROJECT LIST STATUS**

- Review List

Center St paving is completed-restoration meeting-accounting with project, added additional patching of sections along the roadway. Looks good. Landscape some of the ditches, contractor will do and be right at budget. Parking off the road, gravel parkin on gravel shoulders, Lou and Jeremy add stones to kind of fill in areas that would need that stone, and some areas to fill in with dirt on roads not so trafficked, All within base project, add stones in these areas will be additional cost above and beyond what we've talked about. If the village wants to entertain Lin can get the contractor cost.  
Sewer gradings and off-street parking – estimate on gravel? 8-10K for gravel and a roller to have paving contractor do it. Questions included:

- Do we need a change order?
- Put it before the Board?
- Dawn or Kathy to ok?
- Hiring out or contracting individually?

Line item for finishing but not for gravel discussed. Push it to Finance to find the funds to finish with the gravel discussed. Not qualified for Rebuild Illinois Grant because project was already an approved project. Add this to some additional projects to reach the qualifying dollar amount.

Complete this as a separate project. Lou spoke of urgency to finish to avoid any damage to the road.

Jeremy to talk to contractor-ca6 used /grindings to fill up and then dress it? Alternatives? Storm sewer adjustments.

Wrapping up review on commercial property-water & sewer service where it's coming from/WWTP reports sent out to the committee.

Downtown areas where the INI is happening.

PW Administrator Larson-aerator put in at the pond/so far so good/got a bid for hot water for common side of building, set up electric and then hot water heater can be installed.

Clay valves coming Thursday. Rebuild clay valves hoping to not have to replace; power wash the parks, replaced the motor for ventilation in treatment plant.

Cross connection working on trying to get that resolved. No information from the county as work was done before tracking was done. Connection has been sealed up temporarily until this can be resolved.

## **6. OTHER ITEMS FOR DISCUSSION**

- Wastewater Treatment Plant Testing Sampler

Dawn – Cost/Jeremy donation giving DirecTv to us/not in our best interest to accept.

Costs to purchase – 15K/concrete pad/met with Holmgren schedule a meeting with ComED dropping a line off the pole closest to the outlet.

Calculate – Housing structure around discharge area 4.5 x 21 ft long concrete pad/scratched

All weather unit concrete pad and control pad/work on getting price for electrical/not in this year's budget. /Committee to make recommendation would require budget

amendment/wastewater funds in better condition than general fund/or draft budget for next year.

Dawn-suggested to do it in next year's budget. Whole project together after budget approved next year.

Model choice? Cost of each example? Time to reevaluate if we wait until next year/true cost/sampler in building would save electrical costs for separate building/electrical/no can do/can't run longer than 50 feet.

Consensus to research/pricing from ComED/2022 budget.

## **7. ADJOURNMENT**

Having no further business before the committee, motion by Trustee Rebone with 2<sup>nd</sup> by Trustee Harris to adjourn. Motion carried by voice vote.

Meeting adjourned at 7:43pm.



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## INFRASTRUCTURE COMMITTEE MEETING AGENDA

TUESDAY, JULY 14, 2020

Maple Park Civic Center

302 Willow Street, Maple Park, IL

7:00 p.m.

1. **CALL TO ORDER / ESTABLISHMENT OF QUORUM**
2. **PUBLIC COMMENTS** – *Any resident wishing to address the Board may do so according to the Rules of Public Comment and should register with the Village Clerk prior to the meeting.*
3. **APPROVAL OF MEETING MINUTES**
4. **REVIEW OF CURRENT OPERATIONS**
5. **PROJECT LIST STATUS**
6. **OTHER ITEMS FOR DISCUSSION**
7. **ADJOURNMENT**

### Committee Members:

Trustee Dries, Chair  
Trustee Harris  
Trustee Higgins  
Trustee Rebone



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## MEMORANDUM

**TO:** Infrastructure Committee

**FROM:** Village Administrator Dawn Wucki-Rossbach 

**DATE:** August 3, 2020

**SUBJECT:** FIVE-YEAR CAPITAL IMPROVEMENT PLAN

### **BACKGROUND**

A draft Five-Year Capital Improvement Plan was completed and forwarded to the Finance Committee for review at their July 28, 2020 Meeting, see Attachment A. The Committee discussed the difference between the need to have a master list of maintenance items versus a capital improvement list of items/projects over \$20,000. The document has been revised and includes a Capital Improvement Plan and a Maintenance Plan (CIP/MP.) The Plan now separates the capital improvement projects from the maintenance list. The CIP has been revised to show a "Top CIP Priorities" List. The "Top" list is followed by the remainder of the projects that are over \$20,000. Please note that several of the over \$20,000 projects are preceded by engineering work, etc. needed to move towards the higher dollar valued project that are under \$20,000. The master list of maintenance items is now on the Maintenance Plan and includes the items/projects that are under \$20,000. Currently, the CIP/MP spreadsheets show Years 1 (2021) through Year 19 (2028); however, the approved CIP/MP document will ONLY reflect the past Fiscal Year 2020 and then Years 1 (2021) through Year 5 (2025), Attachment B.

### **RECOMMENDATION**

That the Committee review and discuss the following:

1. Is the separation of the capital projects list from the maintenance list, based on the \$20,000 criteria, acceptable?
2. Does the Top CIP Priorities list include all the projects that the Infrastructure Committee believes should be on this list? If not, please be prepared to identify the other projects that should be added/removed from the list. Do the projects need to be placed in a different order?
3. Discuss the years in which the projects begin or items purchased, are they acceptable and are there any the Committee wishes to move up in years or push back in years.

Once the Committee has made these decisions Staff will prepare the final document. The final document will contain only five-years (Year 1 – 2021 through Year 5 – 2025) and will be reviewed with the Committee Chair. If the Committee Chair is in agreement, the document will then be sent to the Village Board. Final changes to the document may also mean that the same projected listed in the TIF Policy may be adjusted to reflect the recommendation of the Infrastructure Committee and finally, the approval of the Village Board.

Attachment

Attachment A – Draft Five-Year CIP

Attachment B – Revised Five-Year Capital Improvement Plan/Maintenance Plan (CIP/MP)



**VILLAGE OF MAPLE PARK  
FIVE-YEAR CAPITAL IMPROVEMENT PLAN  
APPROVED:**



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## MEMORANDUM

**TO:** Village President and Board of Trustees

**FROM:** Village Administrator Dawn Wucki-Rossbach 

**DATE:** July 16, 2020

**SUBJECT:** FIVE-YEAR CAPITAL IMPROVEMENT PLAN

### OVERVIEW

The Village of Maple Park has talked about completing a Five-Year Capital Improvement Plan (CIP) for the last several years. The CIP is a process that assesses the capital needs of the Village against its overall goals and objectives, using a multi-year planning timeframe – five years. However, the actual CIP file is projected out for 20 years, but is not showing in this document. The expenditures for the CIP Plan will be prioritized through coordination of goals and priorities established through the Village Board's Strategic Plan and TIF District Policies. The CIP 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 capital project.

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 CIP focuses on long-range planning of infrastructure investments. 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; sanitary and water mains are expected to last up to 50 years. Replacing these types of items are a huge strain on the Village's financial resources so long-term planning is essential. The CIP will be reviewed annually and assets 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.



## **Types of Capital Projects**

Capital projects are classified into one of the following categories:

**Information Technology & Equipment** – Hardware and software systems and components, which address the communication information processing needs for 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, 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, roofing, park benches, and picnic tables, etc.

**Streets** – Maintenance of streets, rights-of-way, sidewalks, street lighting, utility boxes, curbs, gutters and catch basins.

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

**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 include 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.

## **CIP Detail Information**

The CIP 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. **Category** – 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: 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 ID#** - Each item is assigned a CIP 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 Five-Year CIP is a rolling five years. Cost for items are updated each year and new items are added as the repair/replacement cycle continues.
9. The last page of the Five-Year CIP is where the capital item costs are totaled by Fund and then by year in the CIP.

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

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

### **Annual Review Process**

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

Once the Infrastructure Committee has reviewed and recommended the list for the next budget year, the information will then be reviewed and considered by the Finance Committee. This review process ensures that both the physical aspect and the financial aspect of the list is evaluated. Final approval for the list takes place when the Board approves the next fiscal year's appropriation ordinance and budget.

### **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 plan 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 Five-Year Capital Improvement Plan (CIP) in place illustrates that the Village Board are acting as good financial stewards for the residents and business/property owners within the Village.

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: Elia Court  
South: West Ashton Street  
East: Elizabeth 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 WORK AREA MAP**

The map displays the Village Work Area with the following labeled areas and roads:

- Area #6**: A large area in the upper left, outlined in blue.
- Area # TBD**: A small area in the upper right, outlined in red.
- Area # TBD**: A small area in the middle right, outlined in red.
- Area 1**: A small area in the middle right, outlined in red.
- Area 2**: A small area in the middle right, outlined in red.
- Area 3**: A small area in the middle right, outlined in red.
- Area 4**: A small area in the middle right, outlined in red.
- Area 5**: A small area in the middle left, outlined in red.
- Area # TBD**: A large area in the lower middle, outlined in red.

**Roads and Features:**

- HARTMAN RD**: Located at the top left.
- PLEASANT ST**: Located at the top.
- PRIVATE DRIVE**: Located on the left side.
- MAPLE PARK RD**: Located in the middle left.
- PRITCHARD RD**: Located in the middle left.
- MAPLE PARK RD**: Located in the middle.
- STATE RTE 38**: Located in the middle.
- W ELIAN CT**: Located in the middle.
- W DEKALE DR**: Located in the middle.
- S GENEVA ST**: Located in the middle.
- WASHINGTON DR**: Located in the middle.
- Washington Road**: Located in the middle right.
- Main**: Located in the middle right.
- Ashton**: Located in the middle right.
- Illinois Route 38**: Located at the bottom right.
- KESLINGER RD**: Located at the bottom.
- EAST COUNTY LINE RD**: Located at the bottom.
- County Line**: Located at the bottom.
- I-88**: Located at the bottom left.



**VILLAGE OF MAPLE PARK  
FIVE-YEAR CAPITAL IMPROVEMENT PLAN**

							Replacement Year & Replacement Cost					
Work Area	Category	Fund/Dept. Number	CIP ID #	Desscription	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Curent Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025
INFORMATION TECHNOLOGY & EQUIPMENT												
WA4	Administration	01-10	A-0001	Server	HP	ProLiant ML110 Gen10						13,000
WA4	Administration	01-10	A-0002	Desktop - Village Clerk	HP	HP ProDesk 400 G4 SFF			1,000			
WA4	Administration	01-10	A-0003	Laptop - Village Accountant	Lenovo	20EV002JUS			1,000			
WA4	Administration	01-10	A-0004	Laptop - Village Administrator	Lenovo	20NB001JUS				1,300		
WA4	Police	01-30	PD-0001	Laptop - Police Department	HP	HP ProBook 450 G4			1,000			
WA4	Police	01-30	PD-0003	Desktop - Police Chief	HP	HP ProDesk 400 G4 SFF			1,000			
WA4	Police	01-30	PD-0004	Desktop - Sergeant	HP	HP EliteDesk 705 G4 DM 65W (TAA)					1,500	
WA4	Police	01-30	PD-0005	Desktop - Patrol 1	HP	HP EliteDesk 705 G4 DM 65W (TAA)					1,500	
WA4	Police	01-30	PD-0006	Desktop - Patrol 2	HP	HP EliteDesk 705 G4 DM 65W (TAA)					1,500	
WA4	Streets, Water, Sewer	01-50	ST-0001	Desktop - Public Works Dir/Bidg. Inspctr. (1/3)	LENOVO	10MR0004US			333			
WA4	Administration	01-10	A-0005	Desktop - Board Room	HP	HP ProDesk 600 G3 DM				1,000		
WA4	Administration	01-10	A-0006	Desktop -Village Accountant	Lenovo	20NB001JUS				1,000		
WA4	Administration	01-10	A-0007	Uninterrupted Power Source	APC	Model 1500						900
WA4	Administration, Water, Sewer*	01-10, 01-30, 52-10, 52-20	A-0008, A-0009, A-0010, A-0011	Monitors - Six (6) 24"								
WA4	Police	01-30	PD-0007 - PD-0010	Monitors - Four (4) 24"								
WA4	Administration	01-10	A-0014	Copy Machine - Village Hall						15,000		
WA4	Police	01-30	A-0015	Copy Machine - Police Dept.								15,000
WA4	Administration	01-10	A-0016	Automated External Defibrillators (AED) - Two (2) (LE 5 - 8 years)					1,700			
WA4	Administration, Water, Sewer*	01-10, 52-10, 52-20	A-0017	Generator	Generac							
							0	0	6,033	18,300	4,500	28,900

Work Area	Category	Fund/Dept. Number	CIP ID #	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Curent Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025
<b>VEHICLES</b>												
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	L850						
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 #LZE730KA60455						3,000
WA4	Parks & Grounds, Street, Water, Sewer**	01-20, 01-50, 52-10, 52-20	PK-0003	Skidster	2001 Bob Cat	Model 873G High Flo						
							<b>24,784</b>	<b>0</b>	<b>675</b>	<b>0</b>	<b>0</b>	<b>3,000</b>

\*Split three ways.

\*\*Split four ways.

Work Area	Category	Fund/Dept. Number	CIP ID #	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Curent Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025
<b>FACILITIES</b>												
WA4	Admin	01-10	A-0016	Civic Center - Space Needs Study								
WA4	Admin	01-10	A-0017	Civic Center - Kitchen Cabinets						2,000		
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				30,000				
WA4	Admin	01-10	A-0024	Civic Center - Gutters								
WA4	Admin	01-10	A-0025	Civic Center - Board Room Floor, screening			400					
WA4	Admin	01-10	A-0026	Civic Center - HVAC -Site Survey & Design Prep.						41,280		
WA4	Admin	01-10	A-0027	Civic Center - HVAC - Install New Equipment						567,600		
WA4	Admin	01-10	A-0028	Civic Center - Exterior Brick Tuckpointing				10,000				
WA4	Admin	01-10	A-0029	Police Department - Bathroom Remodel						41,854		
WA4	Admin	01-10	A-0030	Police Department - Emergency Operations Center Work - IT/Electrical						10,000		
WA4	Admin	01-10	A-0031	Civic Center - Generator, Pad and ATS						250,000		
WA4	Admin	01-10	A-0032	Civic Center - Wheelchair Lift								32,475
WA4	Admin	01-10	A-0033	Civic Center - Tile Removal/Replacement*						24,000		
WA4	Admin	01-10	A-0034	Public Works Garage						120,000		
WA4	Admin	01-10	A-0035	Welcome Sign - County Line Road						2,000		
*Estimate at \$40 sf X 600 sf							400	40,000	0	1,058,734	0	32,475

Work Area	Category	Fund/Dept. Number	CIP ID #	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Curent Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025
<b>PARKS &amp; GROUNDS</b>												
WA1	Parks	01-20	PK-0004	Washington Park - Pavillion								
WA1	Parks	01-20	PK-0005	Washington Park - Playground Equipment						20,000		
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 Cener - Playground							20,000	
WA4	Parks	01-20	PK-0009	Civic Center - Baseball Diamond	Field replacement							
WA4	Parks	01-20	PK-0010	Civic Center - Baseball Diamond	Fence replacement							
WA4	Parks	01-20	PK-0011	Willow Park - Playground Equipment								
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 #LZE730KA60455						3,000
WA4	Parks & Grounds, Street, Water, Sewer**	01-20, 01-50, 52-10, 52-20	PK-0003	Skidster	2001 Bob Cat	Model 873G High Flo						
							<b>0</b>	<b>0</b>	<b>675</b>	<b>20,000</b>	<b>20,000</b>	<b>3,000</b>



Work Area	Category	Fund/Dept. Number	CIP ID #	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Curent Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025
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**TIF DISTRICT**

WA4	TIF	13-00	TIF-0004 through TIF-0008	General Improvemets Assistance Grants - 5 @ \$3,000 ea.						15,000	15,000	15,000
							0	0	0	15,000	15,000	15,000

Work Area	Category	Fund/Dept. Number	CIP ID #	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Curent Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025
<b>STREET REPAIR/REPLACEMENT</b>												
WA1	Road & Bridge	15-00	RB-0001	Center Street - East of Broadway	Engineering - Road/Stormwater		15,000					
WA1	MFT	19-00	MFT-0001	Center Street - East of Broadway	Construction - Stormwater			25,000				
WA1	MFT	19-00	MFT-0002	Center Street - East of Broadway	Construction - Pavement					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			15,000				
WA1	Road & Bridge	15-00	RB-0004	Pearl Street - Survey Topography Pearl and Center	W.E. Hanna		5,400					
WA1	Road & Bridge	15-00	RB-0005	Pearl Street - Survey Topography Charles and Washington	W.E. Hanna		3,700					
WA1	Road & Bridge	15-00	RB-0006	Pearl Street - Maiden to North Broadway	Construction - Stormwater					60,000		
WA1	MFT	19-00	MFT-0003	Pearl Street - Maiden to North Broadway	Construction - Pavement					147,000		
WA4	Road & Bridge	15-00	RB-0005	Maple - Survey Topography	W.E. Hanna			5,400				
WA4	MFT	19-00	MFT-0004	Maple - Walnut to end of street at corn field	Engineering - Road/Stormwater				25,000			
WA4	Road & Bridge	15-00	RB-0007	Maple - Walnut to end of street at corn field	Construction - Stormwater				61,800			
WA4	MFT	19-00	MFT-0005	Maple - Walnut to end of street at corn field	Construction - Pavement					151,410		
WA4	MFT	19-00	MFT-0006	State Street								
WA1	MFT	19-00	MFT-0007	Kenebec - HD Rockers to Post Office	Engineering - Stormwater				20,000			
WA1	Road & Bridge	15-00	RB-0008	Main to Kennebec - Downtown	Parking Study				5,000			
WA2	TIF	13-00	TIF-0001	Wayside Horns	Preliminary Engineering							
WA3	TIF	13-00	TIF-0002	Wayside Horns	Horn Installation							
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 #LZE730KA60455						3,000
WA4	Parks & Grounds, Street, Water, Sewer**	01-20, 01-50, 52-10, 52-20	PK-0003	Skidster	2001 Bob Cat	Model 873G High Flo						
							<b>24,100</b>	<b>70,400</b>	<b>112,475</b>	<b>443,410</b>	<b>0</b>	<b>3,000</b>

Work Area	Category	Fund/Dept. Number	CIP ID #	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Curent Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025
<b>STORMWATER</b>												
WA3	Streets	15-00	ST-0005	Aerators - Heritage Hills Detention	3 aerators					11,000		
WA4	TIF	13-00	TIF-003	Televise, Root Cut, Jet Storm Sewer - Pearl Street				15,930				
							0	15,930	0	11,000	0	0

Work Area	Category	Fund/Dept. Number	CIP ID #	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Curent Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025
<b>WATER &amp; WATER TREATMENT FACILITY</b>												
WA1	Water	52-10	W-0001	Softener 1 Control Valve - A	Cla-Val	4" solenoid valve	3,500					
WA1	Water	52-10	W-0002	Softener 1 Control Valve - B	Cla-Val	4" solenoid valve	3,500					
WA1	Water	52-10	W-0003	Softener 2 Control Valve - B	Cla-Val	4" solenoid valve	3,500					
WA1	Water	52-10	W-0004	150,000 gallon waterspheroid* - Item #1 Overflow Pipe Discharge Replacement				3,900				
WA1	Water	52-10	W-0005	150,000 gallon waterspheroid - Item #2 Concrete splash Pad under Overflow Pipe Discharge				5,200				
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				7,800				
WA1	Water	52-10	W-0007	Softener 2 Control Valve - A	Cla-Val	4" solenoid valve	Replaced					
WA1	Water	52-10	W-0008	Softener 1 Control Valve - C	Cla-Val	4" solenoid valve		3,500				
WA1	Water	52-10	W-0009	Softener 1 Control Valve - D	Cla-Val	4" solenoid valve		3,500				
WA1	Water	52-10	W-0010	Softener 1 Control Valve - E	Cla-Val	4" solenoid valve			3,500			
WA1	Water	52-10	W-0011	Softener 2 Control Valve - C	Cla-Val	4" solenoid valve		3,500				
WA1	Water	52-10	W-0012	Softener 2 Control Valve - D	Cla-Val	4" solenoid valve		3,500				
WA1	Water	52-10	W-0013	Softener 2 Control Valve - E	Cla-Val	4" solenoid valve			3,500			
WA1	Water	52-10	W-0014	Emergency Shower				1,000				
WA1	Water Improv.	54-00	W-0015	Water Tower - Engineering				25,000				
WA1	Water	52-10	W-0016	Well No. 4 Well Pump Control Valve 6A - 4"	Cla-Val	Model 61-02			3,500			
WA1	Water	52-10	W-0017	Well No. 5 Well Pump Control Valve 6B - 4"	Cla-Val	Model 61-02			3,500			
WA1	Water	52-10	W-0018	Make up Control Valve	Cla-Val				3,500			
WA1	Water	52-10	W-0019	Softener Bypass Control Valve	Cla-Val	130-01			3,500			
WA1	Water	52-10	W-0020	Brine Pump	Met-Pro Global Pump Solutions					10,000		
WA1	Water	52-10	W-0021	Source Water Protection Plan		Regulatory				30,000		
WA1	Water Improv.	54-00	W-0022	Water Tower - Construction							1,825,000	
WA1	Water	52-10	W-0023	Sodium Hypochlorite Pump #5	Stenner	No. 2 Tube					3,500	
WA1	Water	52-10	W-0024	Sodium Hypochlorite Pump #4	Stenner	No. 2 Tube					3,500	
WA1	Water	52-10	W-0025	Hypochlorite Scale #5	Scalettron						2,500	
WA1	Water	52-10	W-0026	Hypochlorite Scale #4	Scalettron						2,400	
WA1	Water	52-10	W-0027	Generator - ATS, electric, pad, natural gas piping							175,000	
WA1	Water	52-10	W-0028	Chemical Chloride Feed System & Storage Tank							85,000	
WA1	Water	52-10	W-0029	Polyphosphate Pump #5	LMI	A151-91S						2,500
WA1	Water	52-10	W-0030	Polyphosphate Pump #4	LMI	A151-91S						2,500
WA1	Water	52-10	W-0031	Polyphosphate Scale #5	Scalettron							2,500
WA1	Water	52-10	W-0032	Polyphosphate Scale #4	Scalettron							2,500

Work Area	Category	Fund/Dept. Number	CIP ID #	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Curent Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025
WA1	Water	52-10	W-0033	150,000 gallon waterspheroid** - Item #1 Blast Clean/Repaint/Containment; Item #6 Coat Foundation; Item #8 Ring Couplings; Items #11, 12 # 13								193,000
WA1	Water	52-10	W-0034	150,000 gallon waterspheroid - Items #2 Abrasive Blast Clean; Item #3 Install Clips/Pressure Fitting for Cathodic Protection								22,600
WA1	Water	52-10	W-0035	150,000 gallon waterspheroid - Item #4 Blast Clean Pit Pipe/Repaint; Item #5 Repair Spalling Concrete Foundation								5,300
WA1	Water	52-10	W-0036	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.								14,300
WA1	Water	52-10	W-0037	150,000 gallon waterspheroid - Item #14 Remove Glandular Expansion Joint Replc. w/Bellows; Item #15 Install AL Cover over Fill/Draw Pipe Insulation.								18,900
WA1	Water	52-10	W-0038	150,000 gallon waterspheroid - Item #16 Install Mud Valve; Item #17 Replace Condensate Drain Line								6,600
WA1	Water	52-10	W-0039	150,000 gallon waterspheroid - Inspection								4,000
WA1	Water	52-10	W-0040	Globe style silent check valve	Valmatic	1806BN						
WA1	Water	52-10	W-0041	Globe style silent check valve	Valmatic	1806BN						
WA1	Water	52-10	W-0042	Well No. 4 Influent Meter 10A	Sparling	FT194						2,500
WA1	Water	52-10	W-0043	Well No. 5 Influent Meter 10B	Sparling	FT194						2,500
WA1	Water	52-10	W-0044	Make-up Water Meter	Badger Meter	Model ER with MS-ER1						
WA1	Water	52-10	W-0045	Brine Meter	Badger Meter							
WA1	Water	52-10	W-0046	Unit No. 1 Effluent Meter 32A	Sparling	FM 104 with FT194						
WA1	Water	52-10	W-0047	Unit No. 2 Effluent Meter 32A	Sparling	FM 104 with FT194						
WA1	Water	52-10	W-0048	Bypass Meter	Sparling	FM 104 with FT194						
WA1	Water	52-10	W-0049	Regeneration Waste Meter	Sparling	FM 104 with FT194						
WA1	Water	52-10	W-0050	Well No. 4	220 gpm @ 485 ft	40 HP						
WA1	Water	52-10	W-0051	Softener No. 1	Tonka	Media replaced 2018						
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	75 HP						

Work Area	Category	Fund/Dept. Number	CIP ID #	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
WA1	Water	52-10	W-0054	Chlorine Residual Analyzer	Evoqua	Depolox 3 Plus						
WA1	Water	52-10	W-0055	Loss of Head Gauge	US Filter Control Systems	Model A300						
WA1	Water	52-10	W-0056	Water Treatment Control Panel/PLC	Wunderlich-Malec							
WA1	Water	52-10	W-0057	Fire Hydrant Replacement - Broadway & Center				7,000				
WA4	Streets, Water, Sewer	52-10	ST-001	Desktop - Public Works Dir/Bidg. Inspctr. (1/3)	LENOVO	10MR0004US			333			
WA4	Administration, Water, Sewer	52-10	A-0012	Monitors - Six (6) 24"								
WA4	Administration, Water, Sewer*	01-10, 52-10, 52-20	A-0017	Generator	Generac							
WA4	Street, Water, Sewer*	01-50, 52-10, 52-20	ST-0002	Dump Truck	1998 Ford	L850						
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 #LZE730KA60455						3,000
WA4	Parks & Grounds, Street, Water, Sewer**	01-20, 01-50, 52-10, 52-20	PK-0003	Skidster	2001 Bob Cat	Model 873G High Flo						
							10,500	63,900	22,008	40,000	2,096,900	282,700

Work Area	Category	Fund/Dept. Number	CIP ID #	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Curent Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025
<b>WASTEWATER &amp; WASTEWATER TREATMENT PLANT</b>												
WA6	WWTP	56-10	WWTP-0001	WWTP - Cesspool vegetation management - burn/removal				20,000				
WA6	WW	52-10	WW-0002	WTP Effluent Meter	Sparling	Monitor and check in FY22						
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			16,000			
WA6	WWTP	56-10	WWTP-0002	WWTP Facility (New) - 3.23 Acre Land Purchase, Appraisal, Legal/Closing							275,000	
WA6	WWTP	56-10	WWTP-0003	WWTP Facility (New) - Engineering/Design/Permitting							125,000	
WA6	WWTP	56-10	WWTP-0004	WWTP Facility (New) Construction							5,500,000	
WA6	WWTP	56-10	WWTP-0005	Blower #1, Enclosures & VFD* w/Control Panel	Gardner Denver				70,000			
WA6	WWTP	56-10	WWTP-0006	Blower #2, Enclosures & VFD*	Gardner Denver							
WA6	WWTP	56-10	WWTP-0007	Water Well & Booster Tank	NOT USED							
WA6	WWTP	56-10	WWTP-0008	WWTP - Generator, ATS, electric, pad, natural gas piping							175,000	
	WWTP	56-10	WWTP-0009	Point Source Protection Plan							30,000	
	WWTP	56-10	WWTP-0010	Demolish/Remove WWTP Bldg.								
WA6	WWTP	56-10	WWTP-0011	Decommission/Remove Cesspools at WWTP							275,000	
WA6	WWTP	56-10	WWTP-0012	Lift Station - WWTP							450,000	
WA3	WWTP	56-10	WWTP-0013	Lift Station - County Line Road								
WA4	Streets, Water, Sewer	01-10, 52-10, 52-20	ST-001	Desktop - Public Works Dir/Bidg. Inspctr. (1/3)	LENOVO	10MR0004US			334			
WA4	Administration, Water, Sewer	52-10	A-0012 - A-0013	Monitors - Six (6) 24"								
WA4	Administration, Water, Sewer*	01-10, 52-10, 52-20	A-0017	Generator	Generac							
WA4	Street, Water, Sewer*	01-50, 52-10, 52-20	ST-0002	Dump Truck	1998 Ford	L850						
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 #LZE730KA60455						3,000

Work Area	Category	Fund/Dept. Number	CIP ID #	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Curent Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025
WA4	Parks & Grounds, Street, Water, Sewer**	01-20, 01-50, 52-10, 52-20	PK-0003	Skidster	2001 Bob Cat	Model 873G High Flo						
							16,000	30,000	17,009	70,000	6,830,000	3,000
<b>TOTAL</b>							<b>75,784</b>	<b>220,230</b>	<b>158,876</b>	<b>1,661,444</b>	<b>8,951,400</b>	<b>356,075</b>

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



# **FIVE-YEAR CAPITAL EXPENDITURES BY FUND**

Fund	Description	Replacement Year & Replacement Cost					
		Past FY2020	Current - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025
General Fund							
	IT & Equipment	0	0	6,033	18,300	4,500	28,900
	Vehicles	24,784	0	675	0	0	3,000
	Facilities	400	40,000	0	1,058,734	0	32,475
	Street Repair/Replace.	0	0	675	0	0	3,000
	Parks & Grounds	0	0	675	20,000	20,000	3,000
	Stormwater	0	15,930	0	11,000	0	0
	<b>TOTAL</b>	<b>25,184</b>	<b>55,930</b>	<b>8,058</b>	<b>1,108,034</b>	<b>24,500</b>	<b>70,375</b>
Road & Bridge	Street Repair/Replace.	24,100	20,400	66,800	60,000	0	0
MFT	Street Repair/Replace.	0	25,000	45,000	383,410	0	0
TIF District	General Improvement Grants, Televis Storm Sewers	0	0	15,930	0	15,000	15,000
Water Fund	Water/Water Treatment Plant	10,500	38,900	22,008	40,000	271,900	282,700
Water Improvement Fund	Water/Water Treatment Plant	0	25,000	0	0	1,825,000	0
Sewer Fund	WWTP & Lift Stations	16,000	10,000	17,009	0	0	3,000
Sewer Improvement Fund	WWTP & Lift Stations	0	20,000	0	70,000	6,830,000	0
<b>TOTAL</b>		<b>75,784</b>	<b>170,230</b>	<b>174,806</b>	<b>1,661,444</b>	<b>7,141,400</b>	<b>371,075</b>



**VILLAGE OF MAPLE PARK  
FIVE-YEAR CAPITAL IMPROVEMENT  
AND MAINTENANCE (CIP/MP) PLAN  
APPROVED:**



# Village of Maple Park

302 Willow Street ♦ P.O. Box 220 ♦ Maple Park, Illinois 60151


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Website: <http://www.villageofmaplepark.com>

## MEMORANDUM

**TO:** Village President and Board of Trustees

**FROM:** Village Administrator Dawn Wucki-Rossbach 

**DATE:** August 3, 2020

**SUBJECT:** FIVE-YEAR 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 – five years. However, the actual CIP/MP file is projected out for 20 years, but only five (5) years of the plan showing 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.

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 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; sanitary and water mains are expected to last up to 50 years and roads may last 10. Replacing these types of items are a huge 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.

### **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.

**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 lenth 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 Five-Year CIP/MP is a rolling five years. Cost for items are updated each year and new items are added as the repair/replacement cycle continues.
9. The last page of the Five-Year CIP/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 Infrastructure Committee. 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 has reviewed and recommended the list for the next budget year, the information will then be reviewed and considered by the Finance Committee. This review process ensures that both the physical and financial aspects of the list are evaluated. The Finance Committee 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 Five-Year 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 OF MAPLE PARK  
CAPITAL IMPROVEMENT PLAN (CIP)

VILLAGE OF MAPLE PARK

FIVE-YEAR CAPITAL IMPROVEMENT PLAN

TOP CIP PRIORITIES

CIP																								
Work Area	Department	Fund/Dept. Number	CIP/IMP	Description	Manufacturer/ Work To Be Done	Make/Model	Replacement Year & Replacement Cost																	
							Past Fiscal Year - FY2020	Current Fiscal Year - FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037

WATER & WATER TREATMENT FACILITY																								
WA1	Water Improv.	54-00	W-0015	Water Tower - Engineering				25,000																

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

STREET REPAIR/REPLACEMENT																								
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			15,000																
WA1	Road & Bridge	15-00	RB-0006	Pearl Street - Maiden to North Broadway	Construction - Stormwater					60,000														
WA1	MFT	19-00	MFT-0003	Pearl Street - Maiden to North Broadway	Construction - Pavement					147,000														
								0	40,000	0	207,000	0	0											

WATER & WATER TREATMENT FACILITY																								
WA1	Water Improv.	54-00	W-0022	Water Tower - Construction				105,000	0	414,000	1,825,000	0												
								0																



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 - FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038
FACILITIES																									
WA4	Admin	01-10	A-0016	Civic Center - Space Needs Study																					
WA4	Admin	01-10	A-0017	Civic Center - Kitchen Cabinets						2,000															
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													8,000								
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				30,000																	
WA4	Admin	01-10	A-0024	Civic Center - Gutters																					
WA4	Admin	01-10	A-0025	Civic Center - Board Room Floor, screening			400																		
WA4	Admin	01-10	A-0026	Civic Center - HVAC - Site Survey & Design Prep.						41,280															
WA4	Admin	01-10	A-0027	Civic Center - HVAC - Install New Equipment						567,600															
WA4	Admin	01-10	A-0028	Civic Center - Exterior Brick Truckpointing				10,000																	
WA4	Admin	01-10	A-0029	Police Department - Bathroom Remodel						41,854															
WA4	Admin	01-10	A-0030	Police Department - Emergency Operations Center Work - IT/Electrical						10,000															
WA4	Admin	01-10	A-0031	Civic Center - Generator, Pad and ATS						250,000															
WA4	Admin	01-10	A-0032	Civic Center - Wheelchair Lift								32,475													
WA4	Admin	01-10	A-0033	Civic Center - Tile Removal/Replacement*						24,000															
WA4	Admin	01-10	A-0034	Public Works Garage						120,000															
WA4	Admin	01-10	A-0035	Welcome Sign - County Line Road						2,000															
							400	40,000	0	1,058,734	0	32,475	0	0	0	0	8,000	0	0	0	0	0	0	0	0
*Estimate at \$40 sq ft X 600 sq ft																									

\*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 - FY2020	Current Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038		
PARKS & GROUNDS																											
WA1	Parks	01-20	PK-0005	Washington Park - Playground Equipment						20,000																	
WA4	Parks	01-20	PK-0006	McAdams Park - Pavilion Roof											25,000												
WA4	Parks	01-20	PK-0007	McAdams Park - Playground Equipment																							
WA4	Parks	01-20	PK-0008	Civic Center - Playground Equipment							20,000																
WA4	Parks	01-20	PK-0011	Willow Park - Playground Equipment																							
							0	0	0	0	20,000	0	20,000	0	25,000	0	0	0	0	0	0	0	0	0	0		

CIP										Replacement Year & Replacement Cost																
Work Area	Department	Fund/Dept. Number	CIP/MP	Description	Manufacturer/ Work To Be Done	Maker/Model	Past Fiscal Year - FY2020	Current Fiscal Year - FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038	
STREET REPAIR/REPLACEMENT																										
WA1	Road & Bridge	15-00	RB-0001	Center Street - East of Broadway	Engineering - Road/Stormwater		15,000																			
WA1	MFT	19-00	MFT-0001	Center Street - East of Broadway	Construction - Stormwater			25,000																		
WA1	MFT	19-00	MFT-0002	Center Street - East of Broadway	Construction - Pavement					85,000																
WA4	MFT	19-00	MFT-0004	Maple - Walnut to end of street at corn field	Engineering - Road/Stormwater				25,000																	
WA4	Road & Bridge	15-00	RB-0007	Maple - Walnut to end of street at corn field	Construction - Stormwater				61,800																	
WA4	MFT	19-00	MFT-0005	Maple - Walnut to end of street at corn field	Construction - Pavement					151,410																
WA4	MFT	19-00	MFT-0006	State Street																						
WA2	TIF	13-00	TIF-0001	Wayside Horns	Preliminary Engineering								7,500													
WA3	TIF	13-00	TIF-0002	Wayside Horns	Horn Installation		15,000	25,000	86,800	236,410	0	0	0	7,500	600,000	600,000	0	0	0	0	0	0	0	0	0	

CIP										Replacement Year & Replacement Cost																
Work Area	Department	Fund/Dept. Number	CIP/MP	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - Year 1 FY2020	Current Fiscal Year - Year 2 FY2021	Year 3 FY2022	Year 4 FY2023	Year 5 FY2024	Year 6 FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038	
WATER & WATER TREATMENT FACILITY																										

WA1	Water	52-10	W-0021	Source Water Protection Plan Generator - ATS, electric, pad, natural gas piping		Regulatory					30,000														
WA1	Water	52-10	W-0027	Chemical Chloride Feed System & Storage Tank							175,000														
WA1	Water	52-10	W-0028								85,000														
WA1	Water	52-10	W-0050	Well No. 4	220 gpm @ 485 ft	40 HP										20,000									
WA1	Water	52-10	W-0051	Softener No. 1	Tonka	Media replaced 2018													25,000						
WA1	Water	52-10	W-0052	Softener No. 2	Tonka	Media replaced 2018													25,000						
WA1	Water	52-10	W-0053	Well No. 5	350 gpm @ 520 ft	75 HP														30,000					
WA1	Water	52-10	W-0054	Chlorine Residual Analyzer	Evoqua	Depolox 3 Plus																			
WA1	Water	52-10	W-0055	Loss of Head Gauge	US Filter Control Systems	Model A300																			
WA1	Water	52-10	W-0056	Water Treatment Control Panel/PLC	Wunderlich-Malec																				
							0	0	0	0	30,000	260,000	0	0	0	0	20,000	0	0	50,000	0	30,000	0	0	0

CIP					Replacement Year & Replacement Cost																	
Work Area	Department	Fund/Dept. Number	CIP/MP	Description	Manufacturer/ Work To Be Done	Maker/Model	Past Fiscal Year - FY2020	Current Fiscal Year - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025										
WASTEWATER & WASTEWATER TREATMENT PLANT																						
WA6	WWTP	56-10	WWTP-0001	WWTP - Cesspool vegetation management - burn/removal																		
WA6	WW	52-10	WW-0002	WTP Effluent Meter	Starling	Monitor and check in FY22		20,000														
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			16,000													
WA6	WWTP	56-10	WWTP-0003	WWTP Facility (New) - Engineering/Design/Permitting							125,000											
WA6	WWTP	56-10	WWTP-0004	WWTP Facility (New) Construction							5,500,000											
WA6	WWTP	56-10	WWTP-0011	Decommission/Remove Cesspools at WWTP							275,000											
WA6	WWTP	56-10	WWTP-0005	Blower #1, Enclosures & VFD*	Gardner Denver					70,000												
WA6	WWTP	56-10	WWTP-0006	Blower #2, Enclosures & VFD*	Gardner Denver																	
WA6	WWTP	56-10	WWTP-0008	WWTP - Generator, ATS, electric, pad, natural gas piping							175,000											
WA6	WWTP	56-10	WWTP-0009	Point Source Protection Plan							30,000											
WA6	WWTP	56-10	WWTP-0012	Lift Station - WWTP							450,000											
WA3	WWTP	56-10	WWTP-0013	Lift Station - County Line Road																		
WA4	Administration, Water, Sewer*	01-10, 52-10, 52-20																				
			A-0017	Generator	Generac		0	30,000	16,000	70,000	6,555,000	0	750,000	0	0	467,333	0	0	0			
													0	0	0	0	0	0	0	0	0	0
TOTAL							15,400	200,000	102,800	1,829,144	8,935,000	32,475	770,000	7,500	625,000	487,333	8,000	0	0	0		

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

FIVE-YEAR CAPITAL IMPROVEMENT PLAN (CIP) BY FUND

Fund	Fund/Dept. Number	Description	Replacement Year & Replacement Cost										FY2037	FY2038	FY2039					
			Past FY2020	Current - Year 1 FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	FY2026	FY2028	FY2029	FY2030				FY2031	FY2032	FY2033	FY2034	FY2035
General Fund																				
	01-10	Facilities	400	40,000	0	1,058,734	0	32,475	0	0	0	8,000	0	0	0	0	0	0	0	0
	01-20	Parks & Grounds	0	0	0	20,000	20,000	0	20,000	0	25,000	0	0	0	0	0	0	0	0	0
		TOTAL	400	40,000	0	1,078,734	20,000	32,475	20,000	0	25,000	0	8,000	0	0	0	0	0	0	0
Road & Bridge	01-15	Street Repair/Replace.	15,000	40,000	61,800	60,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL	15,000	40,000	61,800	60,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MFT	01-19	Street Repair/Replace.	25,000	25,000	85,000	298,410	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL	25,000	25,000	85,000	298,410	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIF District	13-00	Wayside Horns	0	0	0	0	0	0	7,500	600,000	0	0	0	0	0	0	0	0	0	0
		TOTAL	0	0	0	0	0	0	7,500	600,000	0	0	0	0	0	0	0	0	0	0
Water Fund	52-10	Water/Water Treatment Plant	0	0	0	30,000	260,000	0	0	0	20,000	0	0	50,000	0	30,000	0	0	0	0
		TOTAL	0	0	0	30,000	260,000	0	0	0	20,000	0	0	50,000	0	30,000	0	0	0	0
Water Improvement Fund	54-10	Water/Water Treatment Plant	0	25,000	0	0	1,825,000	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL	0	25,000	0	0	1,825,000	0	0	0	0	0	0	0	0	0	0	0	0	0
Sewer Fund	52-20	WWTP & Lift Stations	10,000	16,000	0	0	0	750,000	0	0	13,333	0	0	0	0	0	0	0	0	0
		TOTAL	10,000	16,000	0	0	0	750,000	0	0	13,333	0	0	0	0	0	0	0	0	0
Sewer Improvement Fund	56-00	WWTP & Lift Stations	20,000	0	70,000	6,555,000	275,000	0	0	0	450,000	0	0	0	0	0	0	0	0	0
		TOTAL	20,000	0	70,000	6,555,000	275,000	0	0	0	450,000	0	0	0	0	0	0	0	0	0
		TOTAL	70,400	146,000	216,800	8,022,144	2,380,000	782,475	20,000	7,500	1,088,333	20,000	8,000	0	50,000	0	30,000	0	0	0



VILLAGE OF MAPLE PARK  
MAINTENANCE PLAN (MP)

**VILLAGE OF MAPLE PARK  
FIVE-YEAR MAINTENANCE PLAN**

MAINTENANCE PLAN						Replacement Year & Replacement Cost																					
Work Area	Department	Fund/Dept. Number	CIP/MIP	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year FY2020	Current Fiscal Year FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038	FY2039	
INFORMATION TECHNOLOGY & EQUIPMENT																											
WA4	Administration	01-10	A-0001	Server	HP	ProLiant ML110 Gen10						13,000															
WA4	Administration	01-10	A-0002	Desktop - Village Clerk	HP	HP ProDesk 400 G4 SFF			1,000																		
WA4	Administration	01-10	A-0003	Laptop - Village Accountant	Lenovo	20EY002JUS			1,000																		
WA4	Administration	01-10	A-0004	Laptop - Village Administrator	Lenovo	20NB001JUS			1,300																		
WA4	Police	01-30	PD-0001	Laptop - Police Department	HP	HP ProBook 450 G4			1,000																		
WA4	Police	01-30	PD-0003	Desktop - Police Chief	HP	HP ProDesk 400 G4 SFF			1,000																		
WA4	Police	01-30	PD-0004	Desktop - Sergeant	HP	HP EliteDesk 705 G4 DM 65W (TAA)				1,500																	
WA4	Police	01-30	PD-0005	Desktop - Patrol 1	HP	HP EliteDesk 705 G4 DM 65W (TAA)				1,500																	
WA4	Police	01-30	PD-0006	Desktop - Patrol 2	HP	HP EliteDesk 705 G4 DM 65W (TAA)				1,500																	
WA4	Streets, Water, Sewer	01-50	ST-0001	Desktop - Public Works Dir/Bldg. Inspecr. (1/3)	LENOVO	10MR0004JUS			333																		
WA4	Administration	01-10	A-0005	Desktop - Board Room	HP	HP ProDesk 600 G3 DM			1,000																		
WA4	Administration	01-10	A-0006	Desktop - Village Accountant	Lenovo	20NB001JUS			1,000																		
WA4	Administration	01-10	A-0007	Uninterrupted Power Source	APC	Model 1500						900															
WA4	Administration, Water, Sewer	01-10, 01-30, 52-10, 52-20	A-0008, A-0009, A-0010, A-0011	Monitors - Six (6) 24"									600														
WA4	Police	01-30	PD-0007 - PD-0010	Monitors - Four (4) 24"										600													
WA4	Administration	01-10	A-0014	Copy Machine - Village Hall					15,000																		
WA4	Police	01-30	A-0015	Copy Machine - Police Dept.								15,000															
WA4	Administration	01-10	A-0016	Automated External Defibrillators (AED) - Two (2) (LE 5 - 8 years)					1,700						1,750												
WA4	Administration, Water, Sewer	01-10, 52-10, 52-20	A-0017	Generator	Generac																						
							0	0	6,033	18,300	4,500	28,900	600	600	1,750	13,333	0	0	0	0	0	0	0	0	0	0	



MAINTENANCE PLAN																										
Work Area	Department	Fund/Dept. Number	CIP/MP	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Current Fiscal Year - FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038	FY2039
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	L850																				
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															25,000					
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 #LZE730KA60455						3,000														
WA4	Parks & Grounds, Street Water, Sewer**	01-20, 01-50, 52-10, 52-20	PK-0003	Skidster	2001 Bob Cat	Model 873G High Flo							11,250													
							24,784	0	675	0	0	3,000	11,250	0	0	0	0	0	0	0	25,000	0	0	0	0	0
*Split three ways.																										

\*Split three ways.

\*\*Split four ways.

MAINTENANCE PLAN																												
Work Area	Department	Fund/Dept. Number	CIP/MP	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year - FY2020	Current Fiscal Year - FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	Replacement Year & Replacement Cost															
													FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038	FY2039		
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							2,000																	
WA4	Admin	01-10	A-0019	Civic Center - Gym Floor																								
WA4	Admin	01-10	A-0020	Civic Center - Gym HVAC													8,000											
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 - Linolea				30,000																				
WA4	Admin	01-10	A-0024	Civic Center - Gutters																								
WA4	Admin	01-10	A-0025	Civic Center - Board Room Floor, screening			400																					
WA4	Admin	01-10	A-0026	Civic Center - HVAC - Site Survey & Design Prep.							41,280																	
WA4	Admin	01-10	A-0027	Civic Center - HVAC - Install New Equipment							587,600																	
WA4	Admin	01-10	A-0028	Civic Center - Exterior Brick Tuckpointing				10,000																				
WA4	Admin	01-10	A-0029	Police Department - Bathroom Remodel							41,854																	
				Police Department - Emergency Operations Center Work - IT/Electrical																								
WA4	Admin	01-10	A-0030	Civic Center - Generator, Pad and ATS							10,000																	
WA4	Admin	01-10	A-0031	Civic Center - Wheelchair Lift							250,000																	
WA4	Admin	01-10	A-0032	Civic Center - Tile Removal/Replacement*								32,475																
WA4	Admin	01-10	A-0033	Public Works Garage							24,000																	
WA4	Admin	01-10	A-0034	Welcome Sign - County Line Road							120,000																	
WA4	Admin	01-10	A-0035								2,000																	
							400	40,000	0	1,065,734	0	32,475		0	0	0	8,000	0	0	0	0	0	0	0	0	0		
Estimate at \$40 sq X \$600 sf																												

\*Estimate at \$40 sf X 600 sf

MAINTENANCE PLAN																								
Work Area	Department	Fund/Dept. Number	CIP/MP	Description	Manufacturer/ Work To Be Done	Make/Model	Past Fiscal Year FY2020	Current Fiscal Year FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025	Replacement Year & Replacement Cost											
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, 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 #LZE730KA60455						3,000												
WA4	Parks & Grounds, Street, Water, Sewer**	01-20, 01-50, 52-10, 52-20	PK-0003	Skidster	2001 Bob Cat	Model 873G High Flo																		
							0	0	675	0	0	3,000	11,250	11,250	0	0	0	0	0	0	0	0	0	0



MAINTENANCE PLAN																										
Work Area	Department	Fund/Dept. Number	CIP/MP	Description	Manufacturer/ Work To Be Done	Make/Model	Replacement Year & Replacement Cost																			
							Past Fiscal Year FY2020	Current Fiscal Year FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025														
STREET REPAIR/REPLACEMENT																										
WA1	Road & Bridge	15-00	RB-0004	Pearl Street - Survey Topography Pearl and Center	W E Hanna		5,400																			
WA1	Road & Bridge	15-00	RB-0005	Pearl Street - Survey Topography Charles and Washington	W E Hanna		3,700																			
WA1	MFT	19-00	MFT-0003	Pearl Street - Maiden to North Broadway	Construction - Pavement						147,000															
WA4	Road & Bridge	15-00	RB-0005	Maple - Survey Topography	W E Hanna		5,400																			
WA4	MFT	19-00	MFT-0005	Maple - Walnut to end of street at corn field	Construction - Pavement						151,410															
WA4	MFT	19-00	MFT-0006	State Street	Engineering - Stormwater																					
WA1	MFT	19-00	MFT-0007	Kenebec - HD Rockers to Post Office			20,000																			
WA1	Road & Bridge	15-00	RB-0008	Main to Kenebec - Downtown	Parking Study		5,000																			
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 #LZE730KA60455							3,000													
WA4	Parks & Grounds, Street, Water, Sewer**	01-20, 01-50, 52-10, 52-20	PK-0003	Skidster	2001 Bob Cat	Model 873G High Flo																				
							9,100	5,400	25,675	298,410	0	3,000	11,250	0	0	0	0	0	0	0	0	0	0	0	0	0



MAINTENANCE PLAN													
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
							FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	
WATER & WATER TREATMENT FACILITY													
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	Softener 2 Control Valve - B	Cla-Vai	4" solenoid valve	3,500						
WA1	Water	52-10	W-0004	150,000 gallon waterspheroid* - Item #1 Overflow Pipe Discharge Replacement				3,900					
WA1	Water	52-10	W-0005	150,000 gallon waterspheroid - Item #2 Concrete splash Pad under Overflow Pipe Discharge				5,200					
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				7,800					
WA1	Water	52-10	W-0007	Softener 2 Control Valve - A	Cla-Vai	4" solenoid valve	Replaced						
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						3,500	
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							
WA1	Water	52-10	W-0017	Well No. 5 Well Pump Control Valve 6B - 4"	Cla-Vai	Model 61-02							
WA1	Water	52-10	W-0018	Make up Control Valve	Cla-Vai								
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	Stenner	No. 2 Tube					3,500		
WA1	Water	52-10	W-0024	Sodium Hypochlorite Pump #4	Stenner	No. 2 Tube					3,500		
WA1	Water	52-10	W-0025	Hypochlorite Scale #5	Scaletron						2,500		
WA1	Water	52-10	W-0026	Hypochlorite Scale #4	Scaletron							2,400	
WA1	Water	52-10	W-0029	Polyphosphate Pump #5	LMI	A151-91S							2,500
WA1	Water	52-10	W-0030	Polyphosphate Pump #4	LMI	A151-91S							2,500
WA1	Water	52-10	W-0031	Polyphosphate Scale #5	Scaletron								2,500
WA1	Water	52-10	W-0032	Polyphosphate Scale #4	Scaletron								2,500
WA1	Water	52-10	W-0034	150,000 gallon waterspheroid - Item #2 Abrasive Blast Clean; Item #3 Install Clips/Pressure Fitting for Cathodic Protection									22,600
WA1	Water	52-10	W-0035	150,000 gallon waterspheroid - Item #4 Blast Clean; Item #5 Repair Spalling Concrete Foundation									5,300
WA1	Water	52-10	W-0036	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.									14,300
WA1	Water	52-10	W-0037	150,000 gallon waterspheroid - Item #14 Remove Glandular Expansion Joint Replc. w/Bellows; Item #15 Install AL Cover over Fill/Draw Pipe Insulation.									18,900
WA1	Water	52-10	W-0038	150,000 gallon waterspheroid - Item #16 Install Mud Valve; Item #17 Replace Condensate Drain Line									6,600
WA1	Water	52-10	W-0039	150,000 gallon waterspheroid - Inspection									4,000
WA1	Water	52-10	W-0040	Globe style silent check valve	Valmatic	1806BN							5,000
WA1	Water	52-10	W-0041	Globe style silent check valve	Valmatic	1806BN							5,000
WA1	Water	52-10	W-0042	Well No. 4 Influent Meter 10A	Spalling	FT 194							2,500
WA1	Water	52-10	W-0043	Well No. 5 Influent Meter 10B	Spalling	FT 194							2,500
WA1	Water	52-10	W-0044	Make-up Water Meter	Badger Meter	Model ER with MS-ER1							4,000
WA1	Water	52-10	W-0045	Brine Meter	Badger Meter								4,000
WA1	Water	52-10	W-0046	Unit No. 1 Effluent Meter 32A	Spalling	FM 104 with FT 194							2,500
WA1	Water	52-10	W-0047	Unit No. 2 Effluent Meter 32A	Spalling	FM 104 with FT 194							2,500
WA1	Water	52-10	W-0048	Bypass Meter	Spalling	FM 104 with FT 194							2,500

MAINTENANCE PLAN										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 - FY2021	Year 2 FY2022	Year 3 FY2023	Year 4 FY2024	Year 5 FY2025															
WA1	Water	52-10	W-0049	Regeneration Waste Meter	Spalling	FM 104 with FT 194																					
WA1	Water	52-10	W-0050	Weil No. 4	220 gpm @ 485 ft	40 HP						20,000															
WA1	Water	52-10	W-0051	Softener No. 1	Tonka	Media replaced 2018																					
WA1	Water	52-10	W-0052	Softener No. 2	Tonka	Media replaced 2018																					
WA1	Water	52-10	W-0053	Weil No. 5	350 gpm @ 520 ft	75 HP																					
WA1	Water	52-10	W-0054	Chlorine Residual Analyzer	Evoqua	Depobox 3 Plus																					
WA1	Water	52-10	W-0055	Loss of Head Gauge	US Filter Control Systems	Model A300																					8,000
WA1	Water	52-10	W-0056	Water Treatment Control Panel/PLC	Wunderlich-Malec																						
WA1	Water	52-10	W-0057	Fire Hydrant Replacement - Broadway & Center				7,000																			
WA4	Streets, Water, Sewer	52-10	ST-001	Desktop - Public Works Dir/Bldg. Inspecr. (1/3)	LENOVO	10MR0004US			333																		
WA4	Administration, Water, Sewer	52-10	A-0012	Monitors - Six (6) 24"																							
WA4	Administration, Water, Sewer	01-10, 52-10, 52-20	A-0017	Generator	Generac								13,333														
WA4	Street, Water, Sewer	01-50, 52-10, 52-20	ST-0002	Dump Truck	1998 Ford	L850																					
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																	25,000				
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 #LZE730KA60455						3,000															
WA4	Parks & Grounds, Street, Water, Sewer	01-20, 01-50, 52-10, 52-20	PK-0003	Skidster	2001 Bob Cat	Model 873G High Flo								11,250													
							10,500	38,900	22,008	10,000	11,900	89,700		16,400	5,000	0	51,333	0	0	0	50,000	0	55,000	0	0	0	8,000





**FIVE-YEAR 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	FY2026	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034	FY2035	FY2036	FY2037	FY2038	FY2039
General Fund	01-10	IT & Equipment	0	0	6,033	18,300	4,500	28,900	600	600	1,750	13,333	0	0	0	0	0	0	0	0	0
	01-20,01-30,01-50,52-10,52-20	Vehicles	24,784	0	675	0	0	3,000	11,250	0	0	0	0	0	0	0	25,000	0	0	0	0
	01-10	Facilities	400	40,000	0	1,058,734	0	32,475	0	0	0	0	8,000	0	0	0	0	0	0	0	
	01-20	Parks & Grounds																			
	01-50	Street Repair/Replace.	0	0	675	0	0	3,000	11,250	0	0	0	0	0	0	0	0	0	0	0	
	01-30	Parks & Grounds	0	0	675	0	0	3,000	11,250	0	0	0	0	0	0	0	0	0	0	0	
	01-50	Stormwater	0	15,930	0	11,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		TOTAL	25,184	55,930	8,058	1,088,034	4,500	70,375	34,350	600	1,750	13,333	8,000	0	0	0	25,000	0	0	0	0
	Road & Bridge	01-15	Street Repair/Replace.	9,100	5,400	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	MFT	01-19	Street Repair/Replace.	0	0	20,000	298,410	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		General Improvements Assistance Grants;Televise, Root Cut, Jet Storm Sewer																			
TIF District	13-00		0	15,930	0	0	15,000	15,000	15,000	0	0	0	0	0	0	0	0	0	0	0	0
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	51,333	0	50,000	0	55,000	0	0	0	0	0
Sewer Fund	52-20	WWTP & Lift Stations	16,000	10,000	17,009	0	0	3,000	761,350	0	0	13,333	0	0	0	25,000	0	0	0	0	0
Sewer Improvement Fund	56-00	WWTP & Lift Stations	0	17,817	15,281	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL	60,784	143,977	87,357	1,396,444	31,400	178,075	827,100	5,600	1,750	78,000	8,000	50,000	0	105,000	0	0	0	0	0