



**Village of Sparta
Capital Improvement Plan
2021-2026**

Prepared By:

Shay P. Gallagher, Village Manager
David Carpenter, Finance Director & Village Staff

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Monday, December 14, 2020

Capital Improvement Plan Information

The requirement for capital budgeting for the following six years is found in the Michigan Planning Enabling Act (Public Act 33 of 208, as amended). Capital budgeting has two elements: the first is a Capital Improvement Plan, and the second is the incorporation of that plan into the annual budget and future budget forecasts.

This Capital Improvement Plan will be reviewed annually by staff as we review more efficient ways to operate and look at maintaining the village infrastructure. The plan that is enclosed has been reviewed by the Planning Commission CIP committee, reviewed and recommended for approval by the Planning Commission and reviewed and approved by the Village Council. Although there are estimates for FY 2021-2026 those are not being approved as part of the budget and no funding is being allocated for them based on this plan. The Village Council is only approving the first-year expenditures as part of the budget.

What is a Capital Improvement Plan?

The Capital Improvement Plan is a six-year schedule of all proposed major capital improvement projects including project priorities, cost estimates and funding source. Each year the Capital Improvement Plan is revised for the next fiscal year.

Important Information Regarding this Capital Improvement Plan

The Village recently completed its Stormwater, Asset Management, and Wastewater (SAW) Program which identified improvements necessary for the sanitary sewer system. The results from this study are in the process of being implemented, and some of the projects are subject to change.

Projects Status Update from 2020 Capital Improvement Plan

The projects below were scheduled for completion in FY 2020, and the global COVID-19 presented challenges for the completion of the projects. Below is a status regarding whether the project was completed or delayed, what the cost was (above/below budgeted amount) and what the next steps are if the project was not completed.

General

Accessible Playground Equipment:

Status: The project was completed, and under budget.

Amount Budgeted: \$6,000.00

Amount Spent: \$4,166.94

Infill Sidewalk Project:

Status: The project is currently in progress, and will be completed during 2020. It is funded by a CDBG grant in the amount of \$352,000.

Amount Budgeted: \$383,583.00

Amount Spent: \$204,554 as of December 11, 2020

Resurface Band Shell and Pavilion:

Status: Due to COVID-19, and scheduling, this project will be changed to 2021.

Amount Budgeted: \$15,500.00

Amount Spent: \$0.00

Parklet Incubators:

Status: The Village Town Square opened in 2020 with retail incubator shops with private funding.

Amount Budgeted: \$50,000.00

Amount Spent: \$10,000.00

Comprehensive Master Plan Update:

Status: Due to Economic Development study, COVID-19, and scheduling, this project will be changed to 2021.

Amount Budgeted: \$20,000.00

Amount Spent: \$0.00

Economic Development Study:

Status: Due to COVID-19, and scheduling, this project will be changed to 2021.

Amount Budgeted: \$20,000.00

Amount Spent: \$0.00

New Water Line at Rogers Park:

Status: The project will be completed during 2021.

Amount Budgeted: \$2,000.00

Amount Spent: \$0.00

Police Department

Replace Police Cruiser:

Status: A 2020 Tahoe was purchased under budget, and has been in use by the Police Department during 2020.

Amount Budgeted: \$47,000.00

Amount Spent: \$43,717.15

Misc. Police Equipment:

Status: The purchase of the vests, and vest carriers has been delayed until FY 2021.

Amount Budgeted: \$15,900.00

Amount Spent: \$0.00

Major Street Department

2020 Maintenance Program:

Status: Due to COVID-19, and scheduling, the contract to have crack sealing/maintenance performed to extend the life of the roads will be changed to 2021.

Amount Budgeted: \$10,000.00

Amount Spent: \$0.00

N Union Street Bridge Design Engineering:

Status: The bridge was built in 1937, and is scheduled to be replaced in 2021 with funding provided in part by an MDOT grant.

Amount Budgeted: \$44,500.00

Amount Spent: \$42,503.00

Local Street Department

2020 Maintenance Program:

Status: Due to COVID-19, and scheduling, the contract to have crack sealing/maintenance performed to extend the life of the roads will be changed to 2021.

Amount Budgeted: \$20,000.00

Amount Spent: \$0.00

Tentree St Mill and Fill:

Status: Due to COVID-19, and scheduling, this project will be changed to 2021.

Amount Budgeted: \$40,000.00

Amount Spent: \$0.00

Maize Court Mill and Fill:

Status: Due to COVID-19, and scheduling, this project will be changed to 2021.

Amount Budgeted: \$47,000.00

Amount Spent: \$0.00

Maintenance GSB Liquid - Anderson, Clay St:

Status: Due to COVID-19, and scheduling, this project will be changed to 2021.

Amount Budgeted: \$10,000.00

Amount Spent: \$0.00

Sparta Municipal Airport

Crack Sealing/Mill & Fill:

Status: Due to COVID-19, and scheduling, this project will be changed until FY 2021.

Amount Budgeted: \$50,000.00

Amount Spent: \$0.00

Airport Layout Plan:

Status: This project is in progress, and the cost is expected to be close to the budgeted amount.

Amount Budgeted: \$9,000.00

Amount Spent: \$0.00

Repair Parking Lot:

Status: This project was completed.

Amount Budgeted: \$20,000.00

Amount Spent: \$16,257.00

FBO 2 Masonry Repair & Painting:

Status: Due to COVID-19, and scheduling, this project will be changed until FY 2021.

Amount Budgeted: \$20,000.00

Amount Spent: \$0.00

Sewer Department

Automate Treatment Train #2:

Status: This project was postponed, and is 1st on the list for FY 2021.

Amount Budgeted: \$200,000.00

Amount Spent: \$0.00

Permanent Hypochlorite Feed System:

Status: The work began October 2020, and is scheduled to be completed in FY 2020.

Amount Budgeted: \$100,000.00

Amount Spent: \$0.00

Electrical Project MCC #2:

Status: The work began October 2020, and is scheduled to be completed in FY 2020.

Amount Budgeted: \$170,000.00

Amount Spent: \$0.00 (Approved bid - \$118,500)

Polishing Pond Sludge Removal:

Status: This project is scheduled to be completed in FY 2020.

Amount Budgeted: \$40,000.00

Amount Spent: \$0.00

River Road Lift Station Upgrade:

Status: It was determined that a major upgrade was not necessary, and preventative maintenance was completed. The Muskegon alarm system was removed, and the mission alarm system was added.

Amount Budgeted: \$30,000.00

Amount Spent: \$4,141.00

Water Department

Southwest Water Tank Exterior Overcoat:

Status: It was later determined that the east water tank would be painted and needed repairs would be made per the Department of Environment, Great Lakes and Energy (EGLE), and it was completed in 2020.

Amount Budgeted: \$106,000.00

Amount Spent: \$113,837 (Approved bid - \$126,485)

E Spartan Drive Water Main Replacement:

Status: This project was completed in 2020.

Amount Budgeted: \$262,000.00

Amount Spent: \$273,862.94

Install Security Upgrades at Water Facilities:

Status: This project was slated to be completed during FY 2020, however, due to the COVID-19 outbreak, this has been delayed until FY 2021

Amount Budgeted: \$18,000.00

Amount Spent: \$0.00

General Fund (DDA, Village Hall, Parks)

Village of Sparta

Capital Improvement Plan – Six-year Executive Summary

Fiscal Year (FY 2021)		
Project	Cost	Funding Source
Resurface Rogers Band Shell & Pavilion	\$5,000.00	General Fund
Comprehensive Master Plan Update	\$20,000.00	General Fund
Economic Development Study	\$20,000.00	General Fund
Park Camera System	\$5,000.00	General Fund
Spartan Park Drainage System	\$5,000.00	General Fund
Rogers Park Water Line	\$2,000.00	General Fund
DDA Placemaking	\$34,500.00	DDA
Trash Receptacles	\$8,000.00	General Fund

Fiscal Year (FY 2022)		
Project	Cost	Funding Source
Roof Replacement 194 E. Division	\$25,000.00	DDA Fund
Re-Shingle Rogers Bandshell	\$5,000.00	General Fund
Replace Lamoreaux Pavilion	\$100,000.00	General Fund
Rogers Park Parking Mill & Fill	\$40,000.00	General Fund
Property Acquisition for Trailhead	\$50,000.00	General Fund/DNR Grant

Fiscal Year (FY 2023)		
Project	Cost	Funding Source
Arches Parking Lot Redesign	\$400,000.00	General Fund/CDBG/DDA
Resurface Bandshell & Pavilion	\$5,000.00	General Fund

Fiscal Year (FY 2024)		
Project	Cost	Funding Source
Balyeat Parking Mill & Fill	\$50,000.00	General Fund
S. Union Parking Mill & Fill	\$70,000.00	General Fund
Splash Pad Addition	Unknown	General Fund/CDBG

Fiscal Year (FY 2025)		
Project	Cost	Funding Source

Fiscal Year (FY 2026)		
Project	Cost	Funding Source

Village of Sparta Capital Improvement Plan

General Fund
Individual Project Description

Project Title:	Resurface Band Shell and Pavilion	Priority Rank (1-4):	3
Department/Fund:	Parks	Funding Source:	Parks
Total Cost: \$	\$5,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$5,000	-	-	\$5,000	-	-

Description of Project, Project Need & Impact
<p>The Band shell and Pavilion at Rogers Park was repainted in 2015, and the contractor indicated that the stain should be re-applied every three years. The stain includes a graffiti-resistant exterior coating.</p>

Project History (Is this replacing existing equipment?)
<p>Re-stained in 2015, and the stain included a graffiti-resistant finish.</p>

Related Costs and Future Funding Needs
<p>Re-coat every five years.</p>

Village of Sparta Capital Improvement Plan

General Fund
Individual Project Description

Project Title:	Comprehensive Master Plan Update	Priority Rank (1-4):	1
Department/Fund:	General	Funding Source:	General Fund
Total Cost: \$	\$20,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$20,000	-	-	-	-	-

Description of Project, Project Need & Impact
<p>The Village Council identified, for FY 20202, one of their top priorities to complete a comprehensive review of the master plan document and update the document with public input. Village Council has indicated they would like to contract this work out as this will be more than an update to the demographics listed in the document.</p> <p>At the urging of the Giffels-Webster, the Mast Plan update was delayed. The delay will allow data and priorities from the Economic Development study to be incorporated into the updated Master Plan. The COVID-19 outbreak and subsequent targeted spending freezes further necessitated delaying this project.</p> <p>It is estimated this will cost around \$20,000.00; however, this number is an estimate and the actual number will depend on the bids and the scope of the work.</p>

Project History (Is this replacing existing equipment?)
<p>The Village is required to review its Master Plan every five years, the last update coming in 2015. As the Village has experience significant growth it is a good time to review the future development of the Village and what that will look like.</p>

Village of Sparta Capital Improvement Plan

General Fund
Individual Project Description

Project Title:	Economic Development Study	Priority Rank (1-4):	1
Department/Fund:	General	Funding Source:	General Fund
Total Cost: \$	\$20,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$20,000	-	-	-	-	-

Description of Project, Project Need & Impact
<p>Due to the COVID-19 outbreak, this project was started, however, it was not completed. The study will continue into FY 2021.</p> <p>The Village Council identified one of their top strategic goals as performing an economic development study that would provide insight into the development the Village has experienced and how the Village could better align its goals and vision with the development that we are lacking.</p>

Project History (Is this replacing existing equipment?)
<p>The Village has not completed any type of economic study since the Hyatt Palma downtown retail plan was completed in 2009.</p>

Village of Sparta Capital Improvement Plan

General Fund
Individual Project Description

Project Title:	New Water line at Rogers Park	Priority Rank (1-4):	3
Department/Fund:	Water	Funding Source:	Water Fund
Total Cost: \$	\$2,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$2,000	-	-	-	-	-

Description of Project, Project Need & Impact
<p>Currently the band shell area has no water to the facility. If the DPW needs to do maintenance or pressure wash in that area, we need to ask permission from the Historical Commission or from the Township at the Civic Center and run multiple lengths of hose. By adding this new line and a yard hydrant, the DPW crew can do their tasks easier and safer. In addition, any event that needs water would have the opportunity. A water main runs north from Park Lane along the tree line straight to the splash pad. Once the main is tapped, the crew could install the 200-foot, one-inch copper line and frost-free yard hydrant with a meter.</p>

Project History (Is this replacing existing equipment?)
<p>This would be new for many people to use. The drinking fountain was purchased in FY 2020, however, due to delays associated with the COVID-19 outbreak and staffing, installation of the water line had to be pushed until FY 2021.</p>

Related Costs and Future Funding Needs
<p>Minimal water cost but less labor cost once installed.</p>

Village of Sparta Capital Improvement Plan

General Fund
Individual Project Description

Project Title:	Park Camera System	Priority Rank (1-4):	1
Department/Fund:	Parks	Funding Source:	General Fund
Total Cost: \$	\$5,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$5,000	-	-	-	-	-

Description of Project, Project Need & Impact
<p>The Village currently has cameras on a “Street Light Pole”, but they haven’t worked in years. We would like to see them working for the safety of the people in the park, and to protect our growing infrastructure in the park.</p>

Project History (Is this replacing existing equipment?)
<p>This would be replacing the existing cameras on the pole, and purchasing a new recorder. These cameras are hard wired and not WiFi so we may need to purchase and install new wiring for the cameras as well.</p>

Related Costs and Future Funding Needs
<p>Minimal electric cost related to the camera system and we should get years of service from the system as well.</p>

Village of Sparta Capital Improvement Plan

General Fund
Individual Project Description

Project Title:	Spartan Park Drainage System	Priority Rank (1-4):	1
Department/Fund:	Parks	Funding Source:	General Fund
Total Cost: \$	\$5,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$5,000	-	-	-	-	-

Description of Project, Project Need & Impact
<p>There is a lot of ground water around the playground at Lamoreaux Park. By adding a drain tile system on the northeast corner of the playground near the zip line and just northwest of the playground area in the grassy area, the DPW crew would be able to mow the lawn without rutting it, and mostly for the children who play there to be safe.</p>

Project History (Is this replacing existing equipment?)
<p>This has been a slight issue in the past but continues to get worse, especially with a rainy spring season.</p>

Related Costs and Future Funding Needs
<p>Should be no future costs once the tile system is in place.</p>

Village of Sparta Capital Improvement Plan

Downtown Development Authority Fund
Individual Project Description

Project Title:	DDA Placemaking	Priority Rank (1-4):	1
Department/Fund:	DDA	Funding Source:	DDA
Total Cost: \$	\$8,000/\$21,000/\$5,500		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$34,500.00	-	-	-	-	-

Description of Project, Project Need & Impact
<p>\$21,500 focused to redesign the Arches Parking Lot to focus on pedestrian safety elements such as pedestrian walkways, lighting, and traffic patterns. To be designed and implemented spring 2021.</p> <p>\$8,000 focused on mural / art installation in 2021 (same program that installed murals in 2013).</p> <p>\$5,500 Nash Creek Boardwalk planning for future grant applications: create plans / designs on a boardwalk extension east of Balyeat Pedestrian Bridge.</p>

Project History (Is this replacing existing equipment?)
<p>Both the Arches Parking Lot redesign and Nash Creek Boardwalk planning are related to the growth and focus on the Town Square and retail synergy in downtown Sparta. The murals project is also to enhance the downtown area, in both the Town Square area and downtown area. This project was completed in 2013 successfully and the intent is to copy this program again in 2021.</p>

Related Costs and Future Funding Needs
<p>The redesign of the arches parking lot and the Nash Creek boardwalk planning are both planning projects for future major improvements.</p>

Village of Sparta Capital Improvement Plan

General Fund
Individual Project Description

Project Title:	Trash Receptacles	Priority Rank (1-4):	4
Department/Fund:	Parks	Funding Source:	General Fund
Total Cost: \$	\$8,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$8,000.00	-	-	-	-	-

Description of Project, Project Need & Impact
<p>This would add to the town square to meet the expanding trash need and replace the smaller trial run receptacles. We are also replacing the plastic barrels at Lamoreaux Park and Buth Park. Hopefully by 2022 the village will have all similar trash receptacles that will last for years to come.</p>

Project History (Is this replacing existing equipment?)
<p>This is to replace the white plastic barrels like we have in the past. Currently we still have a few 50-gallon plastic barrels that are getting replaced. In addition to replacing the broken stone trash containers over time.</p>

Related Costs and Future Funding Needs
<p>No additional costs in the future with the exception of possible damage.</p>

Village of Sparta Capital Improvement Plan

Downtown Development Authority Fund

Individual Project Description

Project Title:	Roof Replacement 194 E. Division	Priority Rank (1-4):	2
Department/Fund:	DDA	Funding Source:	DDA General Fund
Total Cost: \$	\$25,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$25,000.00	-	-	-	-

Description of Project, Project Need & Impact
<p>The DDA office is in need of one final project, to replace the roof at 194 E Division. The project may need to be split into a few years to cover the cost of the capital improvement. The final project of the building should be done in the near future, but the roof isn't leaking at this time.</p>

Project History (Is this replacing existing equipment?)
<p>This project is the final touches on renovating the building at 194 E Division.</p>

Related Costs and Future Funding Needs
<p>General maintenance, inspection, and replacement costs.</p>

Village of Sparta Capital Improvement Plan

General Fund
Individual Project Description

Project Title:	Re-shingle Rogers Park Bandshell	Priority Rank (1-4):	2
Department/Fund:	Parks	Funding Source:	General Fund
Total Cost: \$	\$5,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$5,000	-	-	-	-

Description of Project, Project Need & Impact
<p>This is general preventative maintenance for the bandshell to protect our investment.</p>

Project History (Is this replacing existing equipment?)
<p>This would be either laying a layer of shingles over the existing or removing and laying a new layer of shingles.</p>

Related Costs and Future Funding Needs
<p>We should be set with roofing for another 10 to 15 years from this project.</p>

Village of Sparta Capital Improvement Plan

Downtown Development Authority Fund

Individual Project Description

Project Title:	Replace Lamoreaux Park Pavilion	Priority Rank (1-4):	4
Department/Fund:	Parks	Funding Source:	General Fund
Total Cost: \$	\$100,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$100,000	-	-	-	-

Description of Project, Project Need & Impact
<p>Just an idea for council to place a new facility at this Park. Update the open space pavilion with a building that has restrooms and a community space with tables inside.</p> <p>Possibly tie this in with a similar building at Rogers Park or strictly restrooms.</p>

Project History (Is this replacing existing equipment?)
<p>To replace the pavilion with a modern community building with restrooms.</p>

Related Costs and Future Funding Needs
<p>Water, sewer, electric costs in addition to commercial cleaning and repairs.</p>

Village of Sparta Capital Improvement Plan

General Fund
Individual Project Description

Project Title:	Rogers Park Parking Mill & Fill	Priority Rank (1-4):	2
Department/Fund:	Parks	Funding Source:	DDA General Fund
Total Cost: \$	\$40,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$40,000	-	-	-	-

Description of Project, Project Need & Impact
<p>Commercial surface treatment for the parking lot and possibly sections of the path. This is our biggest used park and our parking lot is not performing or looking its best. We need to Mill and Fill this parking lot and re-paint the parking spots to stop the costs of filling pot holes. If not done soon, the parking lot will eventually fall apart with the alligating asphalt. (Alligating is a term describing the larger sections of broken 4-inch pieces of asphalt, resembling the back of an alligator).</p>

Project History (Is this replacing existing equipment?)
<p>This would replace the parking lot surface</p>

Related Costs and Future Funding Needs
<p>This should last the Village 15 to 20 years with minimal painting costs.</p>

Village of Sparta Capital Improvement Plan

General Fund
Individual Project Description

Project Title	Property Acquisition for Trail Head	Priority Rank (1-4)	3
Department/Fund	General	Funding Source	General Fund
Total Cost \$	\$50,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$50,000	-	-	-	-

Project Description and Location	
	<p>The Sparta Nature Trail (100 acres of property along the Rogue River) is in need of public parking spaces with safe access to the nature trail. This would allow for the further development and maintenance of the Sparta Nature Trail as it would provide easier access and a dedicated space for people to park to utilize the trail.</p> <p>If we could acquire additional property to create a designated parking area, Sparta would be able to access Recreation Grant Funds for enhancements to access the Rogue River through various organizations including the DNR. The Property Acquisition Grant will pay for the appraised value of the home, the Village would be responsible for 30% of that total as a match.</p>

Project History and Plans	
	<p>The Nature Trail was designed by the Friends of Sparta Trails community group in 2011 and began work to clear the trails. The trail has not been maintained well over the last few years due largely to the fact that there is not a reasonable place to park to utilize the trail nor is there safe pedestrian access such as sidewalk leading to the entrance. The fact that 100 acres are available on the Rogue River is a major asset to the community, is a vibrant green space providing a clean break into “Town” portion of Sparta, and provides access to the Rogue River. Previously the Village has mowed the trail once per month during the dry months including June, July and August for pedestrian use when necessary.</p>

Related Costs and Future Funding Needs	
	<p>The property would need an environmental assessment, demolition of existing structure and improvements to create a trail head. Once completed annual mowing of the trail, parking lot repairs & maintenance.</p>

Village of Sparta Capital Improvement Plan

General Fund
Individual Project Description

Project Title	Arches Parking Lot	Priority Rank (1-4)	2
Department/Fund	Downtown	Funding Source	General Fund/CDBG/DDA
Total Cost \$	\$400,000.00 (ESTIMATED) out of \$1.2 Million-dollar project		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	\$4000,000	-	-	-

Project Description and Location
<p>Repave parking lot through mill and fill or recoating. Add green space islands and access route for pedestrian safety as a walkway to the Nash Creek Bridge/pathway from Division St through the north end of Johnson Alley and/or through the arches parking lot. Include green space islands for snowplowing. Consider adding walkout/pedestrian improvements along Nash Creek on North side of parking lot east of Nash Creek Bridge that could include boardwalk overlooking the creek, pedestrian seating, planters, lighting, and bistro picnic tables. Consider a parking lot study of downtown during this planning phase to evaluate what the need for parking is vs perception of available parking. Evaluate truck accessibility for business entrances for deliveries. Also consider dumpster enclosures and locations for downtown businesses.</p>

Project History and Plans
<p>Resurfaced 10+ years ago. One preliminary concept of green space islands has been completed but hasn't been evaluated for the items listed above: parking space study, truck route, lighting, etc.</p> <p>Consider the "town square" concept while redesigning the traffic flow of vehicles through the parking lot and the creation of the green space islands.</p>

Project Need and Impact
<p>Parking lot is in bad shape and needs to be repaired.</p>

Related Costs and Future Funding Needs
<p>A number of items to consider in relation to how it will impact snowplowing, Town & Country Days, downtown business operations, etc.</p>

Village of Sparta Capital Improvement Plan

General Fund
Individual Project Description

Project Title:	Balyeat Parking Lot Mill & Fill	Priority Rank (1-4):	2
Department/Fund:	Parks	Funding Source:	General Fund
Total Cost: \$	\$50,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	\$50,000	-	-

Description of Project, Project Need & Impact
<p>Commercial surface treatment for the parking lot. This is another park that is used a lot for soccer and football, and our parking lot is not performing or looking its best. We need to Mill and Fill this parking lot and re paint the parking spots to stop the costs of filling pot holes. If not done soon, the parking lot will eventually fall apart with the alligatoring asphalt. (Alligatoring is a term describing the larger sections of broken 4-inch pieces of asphalt, resembling the back of an alligator).</p>

Project History (Is this replacing existing equipment?)
<p>This would replace the parking lot surface.</p>

Related Costs and Future Funding Needs
<p>This should last the Village 15 to 20 years with minimal painting costs.</p>

Village of Sparta Capital Improvement Plan

General Fund
Individual Project Description

Project Title:	S. Union Parking Lot Mill & Fill	Priority Rank (1-4):	2
Department/Fund:	General	Funding Source:	General Fund
Total Cost: \$	\$70,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	\$70,000	-	-

Description of Project, Project Need & Impact
<p>Commercial surface treatment for the parking lot. This is a parking lot that is not performing or looking its best and a few businesses use it as well. We need to Mill and Fill this parking lot and re paint the parking spots to stop the costs of filling pot holes. If not done soon, the parking lot will eventually fall apart with the alligatoring asphalt. (Alligatoring is a term describing the larger sections of broken 4-inch pieces of asphalt, resembling the back of an alligator).</p>

Project History (Is this replacing existing equipment?)
<p>This would replace the parking lot surface</p>

Related Costs and Future Funding Needs
<p>This should last the Village 15 to 20 years with minimal painting costs.</p>

Village of Sparta Capital Improvement Plan

General Fund
Individual Project Description

Project Title:	Splashpad Addition	Priority Rank (1-4):	3
Department/Fund:	Parks	Funding Source:	General Fund
Total Cost: \$	Unknown at this time		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	Unknown	-	-

Description of Project, Project Need & Impact
<p>With the success and massive use of the Splash Pad, we should consider looking into another CDBG grant to expand our splash pad. I've heard people are coming from surrounding communities to use our park and splash pad which is great for local business as well. Restrooms could be considered at the time of expansion.</p>

Project History (Is this replacing existing equipment?)
<p>This would be an addition to the already successful equipment that is drawing people to our community.</p>

Related Costs and Future Funding Needs
<p>Additional water/sewer cost in addition to minor electric costs.</p>

Police Department
 Village of Sparta
 Capital Improvement Plan – Six-year Executive Summary

Fiscal Year (FY 2021)		
Project	Cost	Funding Source
Misc. Police Equipment	\$7,400.00	General Fund
Police Station Lighting	\$7,000.00	General Fund

Fiscal Year (FY 2022)		
Project	Cost	Funding Source
Replace 2016 Cruiser	\$47,000.00	Equipment Rental Fund (661)

Fiscal Year (FY 2023)		
Project	Cost	Funding Source

Fiscal Year (FY 2024)		
Project	Cost	Funding Source
Replace 2009 Cruiser	\$47,000.00	Equipment Rental Fund (661)

Fiscal Year (FY 2025)		
Project	Cost	Funding Source

Fiscal Year (FY 2026)		
Project	Cost	Funding Source

Village of Sparta Capital Improvement Plan

Department: Police
Individual Project Description

Project Title:	Misc. Police Equipment	Priority Rank (1-4):	1
Department/Fund:	Police Dept.	Funding Source:	General/Equipment Rental
Total Cost: \$	\$15,900.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$7,400.00	-	-	-	-	-

Description of Project, Project Need & Impact
<p>Vests total = 12 @ \$650.00 each = \$7,800 (BPV Grant will pay for ½ of this cost) Vest carriers = 12 @ \$275.00 each = \$3,300.00</p>

Project History (Is this replacing existing equipment?)
<p>Both the vests and the radars are replacements of existing equipment. The current vests are over 5 years old and past their useful life.</p> <p>Vest carriers are not a must have, but it is something officers have requested. It is worn over the shirt and all items go on this vest, it assists in taking weight off the belt and hips.</p>

Related Costs and Future Funding Needs
<p>Vests are usually replaced around 6 years.</p>

Village of Sparta Capital Improvement Plan

Department: Police
Individual Project Description

Project Title	Police Station Lighting	Priority Rank (1-4)	2
Department/Fund	Police	Funding Source	General Fund
Total Cost \$	\$7,000		

FY Year	2020	2021	2022	2023	2024	2024
Est. Cost	-	\$7,000	-	-	-	-

Project Description and Location
<p>Replace existing interior station lighting with new LED lights. This will increase efficiencies and create greater electricity savings.</p>

Project History and Plans
<p>The current lighting system in the Police Station is 20 years old. To that end, the lighting is inefficient and are deteriorating. Some lights do not work, so only work half of the time. This project would ensure all lights are in new working order.</p>

Project Need and Impact
<p>This project will ensure all lights in the Police Station are in top working condition.</p>

Related Costs and Future Funding Needs
<p>No related costs, only replaced of bulbs as they are needed.</p>

Village of Sparta Capital Improvement Plan

Department: Police
Individual Project Description

Project Title	Replace Police Cruiser	Priority Rank (1-4)	2
Department/Fund	Police	Funding Source	Equipment Rental Fund
Total Cost \$	\$47,000.00 Per Year		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$47,000.00	-	\$47,000.00	-	-

Project Description and Location
<p>Purchase a new police cruiser through the mi-deal program. This would include new equipment for the changeover: cage, push bumper, lights, etc.</p>

Project History and Plans
<p>It would be good practice to have the department replace a vehicle every other year to ensure that vehicles are operating at their most efficient.</p> <p>In 2022 it would replace the 2009 cruiser which has approximately 110,168 miles.</p>

Project Need and Impact
<p>The department is on a schedule to replace vehicles every other year to maintain the fleet and ensure our PD has good working vehicles.</p>

Related Costs and Future Funding Needs
<p>Replacing vehicles that are high in miles and age will reduce maintenance costs and down time for cruisers.</p>

Department of Public Works

Village of Sparta

Capital Improvement Plan – Six-year Executive Summary

Fiscal Year (FY 2021)		
Project	Cost	Funding Source
DPW Building Study	\$2,000.00	General Fund
Repair 2005 Plow Truck – Salter Upgrade	\$23,000.00	Equipment Rental Fund (661)

Fiscal Year (FY 2022)		
Project	Cost	Funding Source
Replace Toro 4100	\$60,000.00	Equipment Rental Fund (661)
Replace 2000 Chevy ¾ Ton Truck	\$35,000.00	Equipment Rental Fund (661)
Replace 2007 Kubota Tractor	\$30,000.00	Equipment Rental Fund (661)

Fiscal Year (FY 2023)		
Project	Cost	Funding Source
Replace 2004 1 Ton/ or Body Panels	\$80,000/\$5,000	Equipment Rental Fund (661)

Fiscal Year (FY 2024)		
Project	Cost	Funding Source
Replace 2011 ¾ Ton with Plow	\$40,000.00	Equipment Rental Fund (661)
Replace 2001 Plow Truck	\$175,000.00	Equipment Rental Fund (661)

Fiscal Year (FY 2025)		
Project	Cost	Funding Source
Replace 2005 Plow Truck	\$175,000.00	Equipment Rental Fund (661)

Fiscal Year (FY 2026)		
Project	Cost	Funding Source
Replace 2009 Leaf Vacuum	\$30,000.00	Equipment Rental Fund (661)
Replace 2007 Backhoe	\$110,000.00	Equipment Rental Fund (661)

Village of Sparta Capital Improvement Plan

Department: Public Works
Individual Project Description

Project Title:	DPW Building Study	Priority Rank (1-4):	1
Department/Fund:	Public Works	Funding Source:	General Fund
Total Cost: \$	\$22,000.00 – Public Works Share \$2,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$2,000.00	-	-	-	-	-

Description of Project, Project Need & Impact
<p>A study needs to be done on this older DPW building. There are many potential issues with the building including: foundation, electrical, plumbing, asbestos piping, broken windows, sewer issues, no engine exhaust venting, snow loading and roof drainage issues, inefficient heat and no AC, limited facilities for the amount of crew etc.</p> <p>Before fixing these issues, it would more effect to have a structural study done and determine if we need to spend money to fix the issues or to demo this building and have a new garage built to house both water and street crews.</p>

Project History (Is this replacing existing equipment?)
<p>This is an expense to determine how to proceed with the DPW building.</p>

Related Costs and Future Funding Needs
<p>Depends on what the study says. It will determine fixing vs. building a new facility.</p>

Village of Sparta Capital Improvement Plan

Department: Public Works
Individual Project Description

Project Title:	Repair 2005 Plow Truck	Priority Rank (1-4):	1
Department/Fund:	General	Funding Source:	Equipment Rental Fund
Total Cost: \$	\$23,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$23,000	-	-	-	=	-

Description of Project, Project Need & Impact
<p>Truck 5 has a dump body that is deteriorating badly. It still runs well, but has some issues, like hydraulic leaks that keep getting fixed and some electrical issues but still worth keeping the truck instead of spending \$150,000 to replace the truck and snow controls. By spending this money, we can still get more life out of the truck by removing the dump body and placing a frame mounted salter.</p>

Project History (Is this replacing existing equipment?)
<p>This vehicle is currently 15 years old. It has possibly another useful life of 3 to 5 years, but the longer we wait the trade in sale value will decrease. This repair will extend its usefulness for winter maintenance for 3 to 5 more years. These repairs will also ensure the equipment is in safe operating condition for staff. In addition, the new salter could be removed and placed on a new truck when determined.</p>

Related Costs and Future Funding Needs
<p>No foreseen future costs other than preventative maintenance and repairs to the 2005 truck. The salter should have no issues for a very long time.</p>

Village of Sparta Capital Improvement Plan

Department: Public Works
Individual Project Description

Project Title:	Replace Toro 4100	Priority Rank (1-4):	2
Department/Fund:	General	Funding Source:	Equipment Rental Fund
Total Cost: \$	\$60,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$60,000	-	-	-	-

Description of Project, Project Need & Impact
<p>DPW needs to ask Spartan Distributors to do a valuation on this piece of equipment. They would be able to tell us what the longevity of this 10-foot mower would be. Every year we try to have Spartan Distributors do preventative maintenance on that 4100 mower. We need to have this mower in top running order, otherwise the DPW would not be able to keep up with the mowing even with our 60" mower.</p>

Project History (Is this replacing existing equipment?)
<p>Wait on the valuation to see what the next step is going to be for the Toro 4100.</p>

Related Costs and Future Funding Needs
<p>No foreseen future costs other than the annual preventative maintenance.</p>

Village of Sparta Capital Improvement Plan

Department: Public Works
Individual Project Description

Project Title:	Replace 2000 Chevy ¾ Ton Pick-up	Priority Rank (1-4):	2
Department/Fund:	General	Funding Source:	Equipment Rental Fund
Total Cost: \$	\$35,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$35,000	-	-	-	-

Description of Project, Project Need & Impact	
	<p>Cost is for replacing the 2000 Chevy ¾ ton pickup. Based on estimates for the newer water truck, the additional cost is for the V8, and ¾ ton. We have a newer straight snow plow blade that we could use and this would not have a dump bed in it. Recent maintenance has included new U-joints, suspension parts, etc. It's showing a lot of wear but still has a stronger motor.</p> <p>Estimated costs are \$30,000 for the truck and \$5,000 for the side cabinets, traffic safety lighting, plow mount etc. Vehicle price is based on state bid and a projection to 2022 for future inflation cost.</p>

Project History (Is this replacing existing equipment?)
<p>This vehicle is 20 years old and although the miles are not as high (61,310) as some of the other Village trucks it is nearing the end of its useful life. In 2020 when it is scheduled to be replaced the truck will be 20 years old. Replacing the Sewer Truck which has lower hours and miles should give us a better return value to offset the cost of the new truck. By the year 2022 it will be 22 years old. Auction estimate would be between \$2000 and \$4000.</p>

Related Costs and Future Funding Needs
<p>Replacement units are expected to be more efficient, allowing for reduced operation costs.</p>

Village of Sparta Capital Improvement Plan

Department: Public Works
Individual Project Description

Project Title:	Replace 2007 Kubota Tractor	Priority Rank (1-4):	2
Department/Fund:	General	Funding Source:	Equipment rental fund
Total Cost: \$	\$30,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$30,000	-	-	-	-

Description of Project, Project Need & Impact
<p>Cost would be for a replacement unit for mowing and snow removal for our parks and the sidewalks along the DDA. Currently the Kubota is used as a backup unit for the Terex and the large mower. If the Village were to purchase a smaller Terex, we could use all the implements that we have for our existing T190 Terex. Then, if the Village sells the Kubota, we would be able to sell the existing implements like the mower, snow blower, and snow blade. This would save the limited space we have at the garage for storage and allow a bigger return on the sale.</p>

Project History (Is this replacing existing equipment?)
<p>This would replace the existing unit and make it more efficient for the crew. In 2016 it was stated that we would try to extend the life of the existing Kubota from 2-3 to 5-6 years. It is showing a lot of wear and needs replacing. Unit would be 15 years old if replaced in 2022.</p>

Related Costs and Future Funding Needs
<p>No foreseen future costs other than preventative maintenance.</p>

Village of Sparta Capital Improvement Plan

Department: Public Works
Individual Project Description

Project Title:	Replace 2004 1 Ton or Body Panels	Priority Rank (1-4):	3
Department/Fund:	General	Funding Source:	Equipment Rental Fund
Total Cost: \$	\$80,000/\$7,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	\$80,000/\$7,000	-		-

Description of Project, Project Need & Impact
<p>Cost is for replacing the 2004 Ford 1 Ton pickup with dump box. This truck still runs and drives OK but has been into the Dealer a couple times this past year. This truck is used for tree trimming, brush chipping, pot hole filling, snow removal and other tasks. We definitely need to have this equipment in our fleet. Currently the body is starting to rust away. The quarter panels are very rotten.</p> <p>Or, have a local body shop replace the body panels, sandblast frame and other components and apply an undercoating to resist rust in the future.</p>

Project History (Is this replacing existing equipment?)
<p>Replacing the 1 Ton which has lower hours and miles should give us a better return value to offset the cost of the new truck. By the year 2022 it will be 18 years old.</p> <p>Or, by giving it a facelift will prolong the life and save the Village money. In return, if later we sell the equipment, we should get a higher dollar value because of the new skin on it.</p>

Related Costs and Future Funding Needs
<p>Replacement units are expected to be more efficient, allowing for reduced operation costs.</p>

Village of Sparta Capital Improvement Plan

Department: Public Works
Individual Project Description

Project Title:	Replace 2011 ¾ Ton Pick-Up with Plow	Priority Rank (1-4):	3
Department/Fund:	General	Funding Source:	Equipment Rental Fund
Total Cost: \$	\$40,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	\$40,000.00	-	-

Description of Project, Project Need & Impact
<p>Cost is for replacing the 2011 Ford ¾ ton pickup with dump box and V-Plow. This truck still runs and drives OK but it's our second in line truck for plowing. It is showing wear as well. This truck is used for tree trimming, brush chipping, pot hole filling, snow removal, storm lid cleaning, parks, sewer collection and other tasks. We definitely need to have this equipment in our fleet.</p>

Project History (Is this replacing existing equipment?)
<p>Replacing the 2011 ¾ ton which has lower hours and miles should give us a better return value to offset the cost of the new truck. By the year 2024 it will be 13years old.</p>

Related Costs and Future Funding Needs
<p>Replacement units are expected to be more efficient, allowing for reduced operation costs.</p>

Village of Sparta Capital Improvement Plan

Department: Public Works
Individual Project Description

Project Title:	Replace Plow Trucks	Priority Rank (1-4):	2
Department/Fund:	Public Works	Funding Source:	Equipment Rental Fund
Total Cost: \$	\$350,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	\$175,000	\$175,000	-

Description of Project, Project Need & Impact
<p>Cost is for replacing the 2001 & 2005 International Plow truck. This truck still runs and drives wells, but has been in for service a few times for repair. Given its age and use selling it while it still has value to offset the cost of the new truck would be the best course of cation. We would still use the existing front plow and salter box with our current trucks. This budgeted money would go towards not only the truck but to retrofit the hitch which is used for the leaf vacuum. This will save us money from not ordering a new dump box and dealing with a truck that may break down with hydraulics, snow and ice controls, mechanical issues, etc.</p>

Project History (Is this replacing existing equipment?)
<p>Replacing the 2001 and 2005 model year units and the two slides in salter units purchased with the vehicles. Estimated costs are \$90,000 per chassis and \$60,000 per salter unit accessories. Unit prices are based upon prior year's purchases.</p>

Related Costs and Future Funding Needs
<p>Replacement units are expected to be more efficient, allowing for reduced operation costs.</p>

Village of Sparta Capital Improvement Plan

Department: Public Works
Individual Project Description

Project Title:	Replace 2009 Leaf Vacuum	Priority Rank (1-4):	4
Department/Fund:	General	Funding Source:	Equipment rental fund
Total Cost: \$	\$30,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	-	-	\$30,000

Description of Project, Project Need & Impact
<p>We will need to keep an eye on the leaf machine and make sure it's still performing at top condition. This is an extremely important piece of equipment for the fall leaf season. Again, this is only for informational purposes. In 2020 we replaced the entire spinning assembly so we should be good for a while.</p>

Project History (Is this replacing existing equipment?)
<p>A rebuild kit was installed in the summer of 2020 on the spinning assembly. The motor is still running fine but will continue to monitor the equipment as a whole. This is just an estimate to have on the list. It is not needing replacement yet.</p>

Related Costs and Future Funding Needs
<p>Replacement units are expected to be more efficient, allowing for reduced operation costs.</p>

Village of Sparta Capital Improvement Plan

Department: Public Works
Individual Project Description

Project Title:	Replace 2007 Backhoe	Priority Rank (1-4):	4
Department/Fund:	General	Funding Source:	Equipment Rental Fund
Total Cost: \$	\$110,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	-	-	\$110,000.00

Description of Project, Project Need & Impact
<p>Cost is for replacing the 2007 backhoe. This equipment still runs and operates OK. This backhoe is used for tree trimming, brush chipping, pot hole filling, snow removal, salt bin filling, banner changes, street light repair, water issues, sanitary issues, storm water tasks, tree planting, playground maintenance and other tasks. We definitely need to have this equipment in our fleet in top condition.</p>

Project History (Is this replacing existing equipment?)
<p>This is on the list just to show the value of a new unit.</p>

Related Costs and Future Funding Needs
<p>Replacement units are expected to be more efficient, allowing for reduced operation costs.</p>

Major Street Fund (202)

Village of Sparta

Capital Improvement Plan – Six-year Executive Summary

Fiscal Year (FY 2021)		
Project	Cost	Funding Source
2021 Maintenance Program	\$10,000.00	Major Streets
N. Union Bridge Rehabilitation	\$511,570.00	Grant/Major Streets
Maintenance GSB Liquid S. Elm St.	\$10,000.00	Major Streets
S. Union Stormwater Project	\$410,500.00	Major Streets/General Fund
N. Union St. (E. Division St./Olmstead) Mill & Fill	\$65,000.00	Major Streets
DPW Building Study	\$2,000.00	General Fund
SAW Spot Repairs	\$50,000	Various Funds

Fiscal Year (FY 2022)		
Project	Cost	Funding Source
2022 Maintenance Program	\$10,000.00	Major Streets
N. Elm St. (Grove/Alma) Mill & Fill	\$36,800.00	Major Streets
Prospect Street (E. Gardner/E. Division St.) Mill & Fill	\$130,000.00	Major Streets

Fiscal Year (FY 2023)		
Project	Cost	Funding Source
2023 Maintenance Program	\$10,000.00	Major Streets
S. Union St. (E. Division/E. Averill) Mill & Fill	\$160,000.00	Major Streets
Maintenance GSB Liquid N. Union St.	\$5,000.00	Major Streets

Fiscal Year (FY 2024)		
Project	Cost	Funding Source
2024 Maintenance Program	\$10,000.00	Major Streets
E. Averill St. (State St./Maple St.) Mill & Fill	\$160,000.00	Major Streets
E. Gardner St. (Martindale/State St) Mill & Fill	\$200,000.00	Major Streets/Sewer

Fiscal Year (FY 2025)		
Project	Cost	Funding Source
2025 Maintenance Program	\$10,000.00	Major Streets
Alma Street (N. State/N. Elm) Mill & Fill	\$160,000.00	Major Streets
S. Aspen St. & Hickory St. Mill & Fill	\$50,000.00	Major Streets

Fiscal Year (FY 2026)		
Project	Cost	Funding Source
Martindale Utility Upgrade	Unknown	Major Streets

Village of Sparta Capital Improvement Plan
Major Street Fund
 Individual Project Description

Project Title	Annual Maintenance Program	Priority Rank (1-4)	1
Department/Fund	Major Streets	Funding Source	Major Street Fund
Total Cost \$	\$10,000 per year		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000

Project Description and Location

Contract to have crack sealing/maintenance performed to extend life of roads.

Project History and Plans

If the village is able to spend \$10,000 per year on crack sealing and other street maintenance it will help extend the life of all major streets before they need to be reconstructed.

Project Need and Impact

It is important to stay on top of maintenance that could play a large role in avoiding bigger costs for complete reconstruction projects. Sealing cracks in pavement in streets 1-5 years old can extend pavement life significantly.

Village of Sparta Capital Improvement Plan
Major Street Fund
 Individual Project Description

Project Title:	N. Union Street Bridge Rehabilitation	Priority Rank (1-4):	1
Department/Fund:	Major Streets	Funding Source:	Major Street Fund/Grant
Total Cost: \$	\$511,570.00 – Village Share \$133,500.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$511,570.00	-	-	-	-	-

Description of Project, Project Need & Impact	
<p>Repair the slope – monitor slope immediately upstream of SW wingwall. Install larger slope protection blocks or gabion baskets</p> <p>Full Paint – Paint entire bridge and deck replacement. Current coating is 20 years old and is rusting at flanges</p> <p>Deck replace – Deck replacement when painting the bridge. Current overlay is 10 years old and shows signs of cracking and chloride saturation.</p> <p>Construction = \$445,000.00 (95% Grant Funded) Design Engineering = \$44,500.00 (Required in FY 2020) Testing/Admin (15%) = \$66,570.00 Total Cost = \$556,250.00</p> <p>Grant Funding = \$422,750 Village Responsibility = \$133,500</p>	

Project History (Is this replacing existing equipment?)
<p>The bridge was built in 1937 with little known maintenance. It was last painted in 1997. The HMA surface was replaced and a waterproofing membrane was added in 2010. Bi-annual inspections by Orchard, Hiltz and McCliment show it time for major rehab.</p>

Related Costs and Future Funding Needs
<p>General Maintenance.</p>

Village of Sparta Capital Improvement Plan
Major Street Fund
 Individual Project Description

Project Title:	GSB Liquid Maintenance		Priority Rank (1-4):	2
Department/Fund:	Major Streets	Funding Source:	Major Street Fund	
Total Cost: \$	\$15,000.00			

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$10,000.00	-	\$5,000.00	-	-	-

Description of Project, Project Need & Impact	
<p>Application of GSB not only gives the road a new aesthetic look it treats it by filling in the hair line cracks in recently paved roads. By doing this it seals in the crack not allowing water to get in, freeze, and create pot holes. This product also acts as a water repellent not only treating the cracks like in crack sealing but the entire road surface. This is similar to scotch guarding canvas to keep water out.</p> <p>2021 S. Elm Street that was recently paved 2023 N. Union after the Bridge project and paving Continue with streets that have been recently paved</p>	

Project History (Is this replacing existing equipment?)
<p>This type of road treatment has yet to be done here in the Village but past experience in other communities have had great results for a few years with the water repellent and crack sealing.</p>

Related Costs and Future Funding Needs
<p>Time and material for the contractor to apply the liquid with minor delays of no driving on the surface. No acute future funding for a few years but possibly re-apply the treatment.</p>

Village of Sparta Capital Improvement Plan
Major Street Fund
 Individual Project Description

Project Title	South Union Stormwater Project	Priority Rank (1-4)	1
Department/Fund	Major Streets	Funding Source	Major Street Fund
Total Cost \$	\$410,500.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$410,500.00	-	-	-	-	-

Project Description and Location

The Village’s current storm water master plan for the Union Street area south of Silver Creek is to redirect the storm sewer on South Union between Silver Creek and the north end of the old high school football field. This will allow for the elimination of the existing storm that crosses the football field and impacts Tesa Tape’s Expansion plans. This work includes full reconstruction of South Union Street from Silver Creek to 450 feet south. Our preliminary total estimate is \$410,500.00.

Project History and Plans

The Village didn’t intend to project this work so soon, but with the extension of Tesa, we will need to push this forward not only to fix the SAW work on S. Union but to accommodate the growth of our local business.

Project Need and Impact

No foreseen future costs after the storm line has been installed other that preventative televising preventative maintenance.

Village of Sparta Capital Improvement Plan
Major Street Fund
 Individual Project Description

Project Title:	N. Union St. (E. Division St./Olmstead) Mill & Fill	Rank (1-4):	2
Department/Fund:	Major Streets	Funding Source:	Major Street Fund
Total Cost: \$	\$65,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$65,000.00	-	-	-	-	-

Description of Project, Project Need & Impact	
<p>Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from E Division Street to Olmstead Street. Projects were selected based on the 2017 surface rating of the streets. Current PASER rating is 2. This road is tied to the replacement of the N. Union St. bridge in 2021 with grant funds.</p> <p>Project locations may change if the Storm water, Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.</p>	

Project History (Is this replacing existing equipment?)	
<p>Replacing asphalt road.</p>	

Related Costs and Future Funding Needs	
<p>General Maintenance</p>	

Village of Sparta Capital Improvement Plan

Department: Public Works
Individual Project Description

Project Title:	DPW Building Study	Priority Rank (1-4):	1
Department/Fund:	Public Works	Funding Source:	General Fund
Total Cost: \$	\$2,000.00 – Total cost is shared between various funds		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$2,000.00	-	-	-	-	-

Description of Project, Project Need & Impact	
	<p>A study needs to be done on this older DPW building. There are many potential issues with the building including: foundation, electrical, plumbing, asbestos piping, broken windows, sewer issues, no engine exhaust venting, snow loading and roof drainage issues, inefficient heat and no AC, limited facilities for the amount of crew etc.</p> <p>Before fixing these issues, it would more effect to have a structural study done and determine if we need to spend money to fix the issues or to demo this building and have a new garage built to house both water and street crews.</p>

Project History (Is this replacing existing equipment?)
<p>This is an expense to determine how to proceed with the DPW building.</p>

Related Costs and Future Funding Needs
<p>Depends on what the study says. It will determine fixing vs. building a new facility.</p>

Village of Sparta Capital Improvement Plan

Department: Public Works
Individual Project Description

Project Title:	SAW Spot Repairs	Priority Rank (1-4):	1
Department/Fund:	Public Works	Funding Source:	General Fund
Total Cost: \$	\$50,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$50,000.00	-	-	-	-	-

Description of Project, Project Need & Impact
<p>The extensive SAW grant pointed out that there are many deficiencies in the Villages drain lines. We've already made some repairs but need to budget about \$10,000 for each repair and are hoping to accomplish 5 repairs per year. Repairs still needed are: Gardener and Elm offset in pipe, Mark and State offset pipe, Anderson and Division offset pipe, Tentree and Blake broken section of pipe at outlet, Pleasant and Nash offset pipe, State and Alma full replacement from MH to MH and Curb to MH, Storm near Tesa cracking pipe and offset pipes, Averill by Park Street crack in pipe, Kings large offset pipe, Nelson offset pipes, Harper 29 feet of CB replacement. This amount would only be for the Major Roads.</p>

Project History (Is this replacing existing equipment?)
<p>Continue to video and monitor and adjust the priority of the sections that need replacements. We have had a few sink holes and avoided a few sink holes because of our preventative maintenance.</p>

Related Costs and Future Funding Needs
<p>General Maintenance.</p>

Village of Sparta Capital Improvement Plan
Major Street Fund
 Individual Project Description

Project Title:	N Elm Street (Grove/Alma) Mill & Fill	Priority Rank (1-4):	2
Department/Fund:	Major Streets	Funding Source:	Major Street Fund
Total Cost: \$	\$36,800		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$36,800	-	-	-	-

Description of Project, Project Need & Impact

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Grove Street to Alma Street. Projects were selected based on the 2017 surface rating of the streets. Current PASER rating is 3. This project is also tied into a project on the local portion of N. Elm Street in 2021 and was scheduled to lower contract costs.

Project breakdown is \$32,000 construction + 4,800 engineering = \$36,800 total.

Project locations may change if the Storm water, Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History (Is this replacing existing equipment?)

Replacing asphalt road.

Related Costs and Future Funding Needs

General Maintenance.

Village of Sparta Capital Improvement Plan
Major Street Fund
 Individual Project Description

Project Title:	Prospect Street (E. Gardner/E. Division St.) Mill & Fill	Priority (1-4):	3
Department/Fund:	Major Streets	Funding Source:	Major Street Fund
Total Cost: \$	\$130,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$130,000.00	-	-	-	-

Description of Project, Project Need & Impact	
<p>Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from E Gardner to Division Street. Project was selected based on the 2017 PASER system. Current PASER is 3. 2020 PASER will commence in the spring.</p> <p>Estimated cost based on previous similar work is \$130,000.</p> <p>Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.</p>	

Project History (Is this replacing existing equipment?)	
<p>Replacing asphalt road surface.</p>	

Related Costs and Future Funding Needs	
<p>General Maintenance.</p>	

Village of Sparta Capital Improvement Plan
Major Street Fund
 Individual Project Description

Project Title:	S. Union St. (E. Division/E. Averill) Mill & Fill	Priority Rank (1-4):	4
Department/Fund:	Major Streets	Funding Source:	Major Street Fund
Total Cost: \$	\$160,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	\$160,000.00	-	-	-

Description of Project, Project Need & Impact	
<p>Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from E. Division to E. Averill street. Projects were selected based on the 2017 surface rating of the streets. Current PASER rating is 4.</p> <p>Project breakdown is \$160,000.00.</p> <p>Project locations may change if the Storm water, Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.</p>	

Project History (Is this replacing existing equipment?)	
<p>Replacing asphalt road.</p>	

Related Costs and Future Funding Needs	
<p>General Maintenance.</p>	

Village of Sparta Capital Improvement Plan
Major Street Fund
 Individual Project Description

Project Title:	E. Averill St. (State St./Maple St.) Mill & Fill	Priority Rank (1-4):	3
Department/Fund:	Major Streets	Funding Source:	Major Street Fund
Total Cost: \$	\$160,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	\$160,000.00	-	-

Description of Project, Project Need & Impact	
<p>Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from State Street to Maple Street. Project was selected based on the 2017 PASER system. Current PASER is 3-4.</p> <p>Estimated cost based on previous similar work is \$160,000.</p> <p>Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.</p>	

Project History (Is this replacing existing equipment?)	
<p>Replacing asphalt road surface.</p>	

Related Costs and Future Funding Needs	
<p>General Maintenance.</p>	

Village of Sparta Capital Improvement Plan
Major Street Fund
 Individual Project Description

Project Title:	E. Gardner St. (Martindale/State St) Mill & Fill	Priority Rank (1-4):	3
Department/Fund:	Major Street	Funding Source:	Major Street Fund
Total Cost: \$	\$200,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	\$200,000.00	-	-

Description of Project, Project Need & Impact						
<p>Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Martindale Street to State Street. Project was selected based on the 2017 PASER system. Current PASER is 4. This project will be tied to the replacement of the existing sanitary mains.</p> <p>Estimated cost based on previous similar work is \$200,000.</p> <p>Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.</p>						

Project History (Is this replacing existing equipment?)						
<p>Replace asphalt road surface.</p>						

Related Costs and Future Funding Needs						
<p>General Maintenance.</p>						

Village of Sparta Capital Improvement Plan
Major Street Fund
 Individual Project Description

Project Title:	Alma Street (N. State/N. Elm) Mill & Fill	Priority Rank (1-4):	3
Department/Fund:	Major Streets	Funding Source:	Major Street Fund
Total Cost: \$	Est. \$160,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	-	\$160,000.00	-

Description of Project, Project Need & Impact	
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Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from State Street to Elm Street. Project was selected based on the 2017 PASER system. Current PASER is 3.

Estimated cost based on previous similar work is \$160,000.

Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History (Is this replacing existing equipment?)

Replacing asphalt road surface.

Related Costs and Future Funding Needs
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General Maintenance.

Village of Sparta Capital Improvement Plan
Major Street Fund
 Individual Project Description

Project Title:	S. Aspen Street & Hickory St. Mill & Fill	Priority Rank (1-4):	3
Department/Fund:	Major Streets	Funding Source:	Major Street Fund
Total Cost: \$	\$50,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	-	\$50,000.00	-

Description of Project, Project Need & Impact

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Division Street to Hickory Street. Project was selected based on the 2017 PASER system. Current PASER is 4.

Estimated cost based on previous similar work is \$50,000.

Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History (Is this replacing existing equipment?)

Replacing asphalt road surface.

Related Costs and Future Funding Needs
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General Maintenance.

Village of Sparta Capital Improvement Plan
Major Street Fund
 Individual Project Description

Project Title:	Martindale Utility Project	Priority Rank (1-4):	4
Department/Fund:	Major Streets	Funding Source:	Major Street Fund
Total Cost: \$	Unknown – Data from SAW Grant		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	-	-	Unknown

Description of Project, Project Need & Impact

In conjunction with SAW and the Reliability Study it was suggested to place Water and Sewer on Martindale Street from 12 Mile Road to Gardner Street.

Engineers are working on estimates with the SAW program and will have a better understanding of costs when SAW is complete.

Project History (Is this replacing existing equipment?)

This would be a new installation of Water Main and Sewer Main. This would aid in looping the water system and provide another source for the newer development “Country Meadows”. This would also provide facilities to residents along Martindale including Fairlane if they wanted to hook up.

Related Costs and Future Funding Needs

Contracted cost and regular maintenance for water and sewer mains.

Local Street Fund (203)

Village of Sparta

CAPITAL IMPROVEMENT PLAN – SIX YEAR EXECUTIVE SUMMARY

Fiscal Year (FY 2021)		
Project	Cost	Funding Source
2021 Maintenance Program	\$20,000.00	Local Streets
Maintenance GSB Liquid Anderson, Clay St.	\$30,000.00	Major/Local Streets
N Elm St Mill & Fill (2) Mill & Fill	\$20,000.00	Local Streets
N Elm (Alma – End) (2)	\$49,000.00	Local Streets
N Elm (Olmstead – Grove) (2)	\$31,000.00	Local Streets
Olmstead (Union – Elm) (3)	\$51,000.00	Local Streets
Cherry St (Gunn – Grove) (2)	\$66,000.00	Local Streets
Carrie St (State – Elm) (2)	\$81,887.00	Local Streets
Repair Storm on Maple	\$245,100.00	Local Streets
Spot Repair Storm Main	\$50,000.00	Local Streets
DPW Building Study	\$2,000.00	General Fund

Fiscal Year (FY 2022)		
Project	Cost	Funding Source
2022 Maintenance Program incl GSB	\$30,000.00	Local Streets
Anderson (Gardner-Nelson) (2)	\$145,000.00	Local Streets
N Aspen (Grove to End) (3-5)	\$60,000.00	Local Streets
Mark & Dorris Streets (2)	\$42,000.00	Local Streets
Blake St Mill & Fill	\$47,000.00	Local Streets
Maizie Lane (2)	\$47,000.00	Local Streets
Tentree St (Martindale-Blake) (2)	\$40,000.00	Local Streets
E Mark St (2)	\$51,087.00	Local Streets
Pleasant and Nash Street Drain Replacement	\$411,315.00	Local Streets
Spot Repair Storm Main	\$50,000.00	Major/Local Streets

Fiscal Year (FY 2023)		
Project	Cost	Funding Source
2023 Maintenance Program incl GSB	\$30,000.00	Local Streets
W Averill (Anderson – State) (3)	\$130,000.00	Local Streets
Applewood Dr. Mill & Fill	\$89,700.00	Local Streets
Applejack Mill & Fill	86,000.00	Local Streets
W Gardner (Pine & State) (2)	\$40,000.00	Local Streets
Pearl St (2)	\$51,087.00	Local Streets
Pearl & Maple Drain Replacement	\$217,852.00	Local Streets
Orchard & Pine Drain Replacement	\$307,339.00	Local Streets
Spot Repair Storm Main	\$50,000.00	Major/Local Streets

Fiscal Year (FY 2024)		
Project	Cost	Funding Source
2024 Maintenance Program incl GSB	\$30,000.00	Local Streets
South St (2)	\$112,000.00	Local Streets
Ecklund St (2)	\$53,440.00	Local Streets
Elmwood St (2)	\$27,283.00	Local Streets
Park Lane (2)	\$33,187.00	Local Streets
Pine & Amelia St Drain Replacement	\$464,785.00	Local Streets
Grove Drain Replacement (Charry to River)	\$206,852.00	Local Streets
Spot Repair Storm Main	\$50,000.00	Major/Local Streets

Fiscal Year (FY 2025)		
Project	Cost	Funding Source
2025 Maintenance Program incl GSB	\$30,000.00	Local Streets
Pleasant St (2)	\$70,000.00	Local Streets
White St (2)	\$35,000.00	Local Streets
Amelia Street (4)	\$50,000.00	Local Streets
Kings Blvd (2)	\$85,865.00	Local Streets
Orchard (Pine-State/Pine-Anderson)	\$130,000.00	Local Streets

Fiscal Year (FY 2026)		
Project	Cost	Funding Source

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title	Annual Maintenance Program	Priority Rank (1-4)	1
Department/Fund	Local Street	Funding Source	Local Street Fund
Total Cost \$	\$20,000 per year		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000

Project Description and Location

Contract to have crack sealing/maintenance performed to extend life of roads.

Project History and Plans

If the village is able to spend \$20,000 per year on crack sealing and other street maintenance it will help extend the life of all major streets before they need to be reconstructed.

Project Need and Impact

It is important to stay on top of maintenance that could play a large role in avoiding bigger costs for complete reconstruction projects. Sealing cracks in pavement in streets 1-5 years old can extend pavement life significantly.

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	GSB Liquid Maintenance		Priority Rank (1-4)	1
Department/Fund	Local Street	Funding Source	Local Street Fund	
Total Cost \$	\$10,000.00 per year			

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$10,000.00	-	-	\$10,000.00	\$10,000.00	-

Description of Project, Project Need & Impact	
<p>Application of GSB not only gives the road a new aesthetic look it treats it by filling in the hair line cracks in recently paved roads. By doing this it seals in the crack not allowing water to get in, freeze, and create pot holes. This product also acts as a water repellant not only treating the cracks like in crack sealing but the entire road surface. This is similar to scotch guarding canvas to keep water out.</p> <p>2024 Do the roads that are milled and filled in 2021 2025 Do the roads that are milled and filled in 2022</p>	

Project History (Is this replacing existing equipment?)
<p>This type of road treatment has yet to be done here in the Village but past experience in other communities have had great results for a few years with the water repellant and crack sealing.</p>

Related Costs and Future Funding Needs
<p>Time and material for the contractor to apply the liquid with minor delays of no driving on the surface. No acute future funding for a few years but possibly re-apply the treatment.</p>

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	N Elm Street (Alma to Dead end) Mill and Fill	Priority Rank (1-4):	1
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	\$49,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$49,000.00	-	-	-	-	-

Description of Project, Project Need & Impact	
<p>Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Alma Street to Dead End. Project was selected based on the 2017 PASER system. Current PASER is 3. 2020 PASER ratings will be done in the spring. This road is also tied into major road treatment and was chosen for this year to save contractor costs.</p> <p>Estimated cost based on previous similar work is \$49,000.</p> <p>Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.</p>	

Project History (Is this replacing existing equipment?)
<p>Replacing asphalt road.</p>

Related Costs and Future Funding Needs
<p>Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.</p>

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	N Elm Street (Olmstead to Grove) Mill and Fill	Priority Rank (1-4):	3
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	\$31,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$31,000.00	-	-	-	-	-

Description of Project, Project Need & Impact	
<p>Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Olmstead street to Grove Street. Projects were selected based on the 2014 surface rating of the streets. Current PASER rating is 5.</p> <p>Project breakdown is \$26,000 construction + 5,000 engineering = \$31,000 total.</p> <p>Project locations may change if the Storm water, Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.</p>	

Project History (Is this replacing existing equipment?)	
<p>Replacing asphalt road.</p>	

Related Costs and Future Funding Needs	
<p>Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.</p>	

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Olmstead Street Mill and Fill (Union – Elm)	Priority Rank (1-4):	4
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	\$51,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$51,000.00	-	-	-	-	-

Description of Project, Project Need & Impact	
<p>Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Union Street to N Elm Street. Projects were selected based on the 2020 surface rating of the streets. Current PASER rating is 3.</p> <p>Project breakdown is \$44,000 construction + 7,000 engineering = \$51,000 total.</p> <p>Project locations may change if the Storm water, Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.</p>	

Project History (Is this replacing existing equipment?)
<p>Replacing asphalt road.</p>

Related Costs and Future Funding Needs
<p>Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.</p>

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title	Spot Repair Storm Main		Priority Rank (1-4)	1
Department/Fund	Local Street	Funding Source	Major/Local Street Fund	
Total Cost \$	\$50,000.00			

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	-

Project Description and Location	
<p>The extensive SAW grant pointed out that there are many deficiencies in the Villages drain lines. We've already made some repairs but need to budget about \$10,000 for each repair and are hoping to accomplish 5 repairs per year. Repairs still needed are: Gardener and Elm offset in pipe, Mark and State offset pipe, Anderson and Division offset pipe, Tentree and Blake broken section of pipe at outlet, Pleasant and Nash offset pipe, State and Alma full replacement from MH to MH and Curb to MH, Storm near Tesa cracking pipe and offset pipes, Averill by Park Street crack in pipe, Kings large offset pipe, Nelson offset pipes, Harper 29 feet of CB replacement.</p>	

Project History and Plans
<p>Continue to video and monitor and adjust the priority of the sections that need replacements. We have had a few sink holes and avoided a few sink holes because of our preventative maintenance.</p>

Project Need and Impact
<p>General Maintenance.</p>

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title	Cherry Street (Gunn-Grove)	Priority Rank (1-4)	1
Department/Fund	Local Street	Funding Source	Major/Local Street Fund
Total Cost \$	\$66,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$66,000.00					-

Project Description and Location

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Alma Street to Dead End. Project was selected based on the 2020 PASER system. Current PASER is 3. PASER ratings were done in the spring of 2020. This road is also tied into major road treatment and was chosen for this year to save contractor costs.

Estimated cost based on previous similar work is \$66,000.

Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History and Plans

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Project Need and Impact

General Maintenance.

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title	Carrie St. (State – Elm)	Priority Rank (1-4)	1
Department/Fund	Local Street	Funding Source	Major/Local Street Fund
Total Cost \$	\$81,887.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$81,887.00					-

Project Description and Location

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from State St. to Elm St. Project was selected based on the 2020 PASER system. Current PASER is 3. PASER ratings were done in the spring of 2020. This road is also tied into major road treatment and was chosen for this year to save contractor costs.

Estimated cost based on previous similar work is \$96,000.

Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History and Plans

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Project Need and Impact

General Maintenance.

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title	Storm Repair – Maple	Priority Rank (1-4)	1
Department/Fund	Local Street	Funding Source	Major/Local Street Fund
Total Cost \$	\$245,100.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$245,100.00					-

Project Description and Location

Installation of a new 48inch storm sewer south of the Federal Mogul property to allow for future development in the area. Restoration work would include any impact in the roadway while tying in utilities plus any trench work outside the roadway.

Project History and Plans

New installation to re-route the storm water on the intersection of Silvercreek and S. Union.

Project Need and Impact

General Maintenance.

Village of Sparta Capital Improvement Plan

Department: Public Works
Individual Project Description

Project Title:	DPW Building Study	Priority Rank (1-4):	1
Department/Fund:	Public Works	Funding Source:	General Fund
Total Cost: \$	\$2,000.00 – Total cost is shared between various funds		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$2,000.00	-	-	-	-	-

Description of Project, Project Need & Impact	
	<p>A study needs to be done on this older DPW building. There are many potential issues with the building including: foundation, electrical, plumbing, asbestos piping, broken windows, sewer issues, no engine exhaust venting, snow loading and roof drainage issues, inefficient heat and no AC, limited facilities for the amount of crew etc.</p> <p>Before fixing these issues, it would more effect to have a structural study done and determine if we need to spend money to fix the issues or to demo this building and have a new garage built to house both water and street crews.</p>

Project History (Is this replacing existing equipment?)
<p>This is an expense to determine how to proceed with the DPW building.</p>

Related Costs and Future Funding Needs
<p>Depends on what the study says. It will determine fixing vs. building a new facility.</p>

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Anderson Street Project (W. Gardner – Nelson)	Priority Rank (1-4)	2
Department/Fund	Local Street	Funding Source	Local Street Fund
Total Cost \$	\$130,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$130,000.00	-	-	-	-

Description of Project, Project Need & Impact

Project would entail replacement of 3” of asphalt material. At same time as street project is completed the water and sanitary sewer mains would be replaced as needed through open cuts in the street. 2017 PASER Rating is a 3. 20202 PASER Rating is a 2.

The \$130,000 is a cost estimate and an updated one will be provided the year of the project.

Project History (Is this replacing existing equipment?)

This project has been a high priority for the Village since 2010 but the Village has not had adequate funding to tackle all the utility issues underneath the roadway.

Cost is based on 2015 estimate by Prein & Newhof.

Cost includes driveway approach replacement, curb and gutter, sidewalk replacement in areas and ADA accessibility in areas.

Related Costs and Future Funding Needs

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	N. Aspen St. Mill & Fill (Grove – End)	Priority Rank (1-4):	2
Department/Fund:	Local Street	Funding Source:	Local Street Fund
Total Cost: \$	Est. \$60,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	Est. \$60,000	-	-	-	-

Description of Project, Project Need & Impact

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from State Street to Maple Street. Project was selected based on the 2017 PASER system. Current PASER is 3-4.

Estimated cost based on previous similar work is \$60,000.

Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Related Costs and Future Funding Needs

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Mark & Doris Street Mill & Fill	Priority Rank (1-4):	3
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	\$22,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$22,000.00	-	-	-	-

Description of Project, Project Need & Impact	
<p>Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from State Street to Dead End. Project was selected based on the 2017 PASER system. Current PASER is 2. 2020 PASER ratings will be done in the spring and this intersection was recently milled and filled. Push this priority until further review.</p> <p>Estimated cost based on previous similar work is \$22,000.</p> <p>Project locations may change if the Storm water, Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.</p>	

Project History (Is this replacing existing equipment?)
<p>Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.</p>

Related Costs and Future Funding Needs
<p>Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.</p>

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Blake Street Mill and Fill	Priority Rank (1-4):	2
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	\$47,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$47,000.00	-	-	-	-

Description of Project, Project Need & Impact

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Tentree Street to Atkinson Street. Projects were selected based on the 2017 surface rating of the streets. Current PASER rating is 2.

Project breakdown is \$47,000.

Project locations may change if the Storm water, Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History (Is this replacing existing equipment?)

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Related Costs and Future Funding Needs

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Maizie Lane Mill and Fill	Priority Rank (1-4):	2
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	\$47,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$47,000.00	-	-	-	-

Description of Project, Project Need & Impact

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Atkinson Street to Dead End. Project was selected based on the 2017 PASER system. Current PASER is 2. 2020 PASER ratings will be done in the spring and this cul-de-sac was recently milled and fill increasing the PASER rating.

Estimated cost based on previous similar work is \$47,000.

Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History (Is this replacing existing equipment?)

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Related Costs and Future Funding Needs

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title	Tentree St. (Martindale to Blake St)	Priority Rank (1-4)	2
Department/Fund	Local Street	Funding Source	Local Street Fund
Total Cost \$	\$34,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$34,000.00	-	-	-	-

Project Description and Location

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Martindale Street to the start of the development pavement. Project was selected based on the 2017 PASER system. Current PASER is 2. 2020 PASER ratings will be done in the spring.

Estimated cost based on previous similar work is \$34,000.

Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History and Plans

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Project Need and Impact

General Maintenance

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	E. Mark Street		Priority Rank (1-4):	2
Department/Fund:	Local Streets	Funding Source:	Local Street Fund	
Total Cost: \$	\$65,000.00			

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$65,000.00	-	-	-	-

Description of Project, Project Need & Impact	
<p>Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Alma Street to Dead End. Project was selected based on the 2017 PASER system. Current PASER is 2. 2020 PASER ratings were done in the spring. This road is also tied into major road treatment and was chosen for this year to save contractor costs.</p> <p>Estimated cost based on previous similar work is \$65,000.</p> <p>Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.</p>	

Project History (Is this replacing existing equipment?)
<p>Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.</p>

Related Costs and Future Funding Needs
<p>General maintenance</p>

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Pleasant & Nash Street Drain Replacement	Priority Rank (1-4):	2
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	Est. \$400,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	Est. \$400,000.00	-	-	-	-

Description of Project, Project Need & Impact

Street and utility improvements on Pleasant Street from Nash Street to South Street and Nash Street from Pleasant Street to State Street. Utility improvements include installation of new storm sewer along Pleasant Street and Nash Street in the right-of-way. The current storm system directs water through pipes located on private property. Street improvements include driveway replacements, as-needed curb/gutter and sidewalk replacement, and a street reconstruction.

Project History (Is this replacing existing equipment?)

New installation of drains to remove the existing from behind houses.

Related Costs and Future Funding Needs

General maintenance

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	W. Averill (State/Anderson St.) Mill & Fill	Priority Rank (1-4):	4
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	\$130,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	\$130,000.00	-	-	-

Description of Project, Project Need & Impact						
<p>Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from State Street to Anderson Street. Project was selected based on the 2017 PASER system. Current PASER is 3. 2020 PASER ratings will be done in the spring.</p> <p>Estimated cost based on previous similar work is \$130,000.</p> <p>Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.</p>						

Project History (Is this replacing existing equipment?)
<p>Replacing asphalt road.</p>

Related Costs and Future Funding Needs
<p>Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.</p>

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Applewood Mill and Fill	Priority Rank (1-4):	3
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	\$198,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	\$198,000.00	-	-	-

Description of Project, Project Need & Impact

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Applewood Drive to Dead End. Projects were selected based on the 2014 surface rating of the streets. Current PASER rating is 5.

Project cost is estimated at \$198,000 total.

Project locations may change if the Storm water, Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History (Is this replacing existing equipment?)

Replacing asphalt road.

Related Costs and Future Funding Needs

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Applejack Court Drive Mill and Fill	Priority Rank (1-4):	3
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	\$85,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	\$85,000.00	-	-	-

Description of Project, Project Need & Impact

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Applejack Court to Dead End. Projects were selected based on the 2014 surface rating of the streets. Current PASER rating is 5.

Project estimated cost is \$85,000 total.

Project locations may change if the Storm water, Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History (Is this replacing existing equipment?)

Replacing asphalt road.

Related Costs and Future Funding Needs

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	W. Gardner (Pine – State)		Priority Rank (1-4):	3
Department/Fund:	Local Streets	Funding Source:	Local Street Fund	
Total Cost: \$	\$40,000.00			

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	\$40,000.00	-	-	-

Description of Project, Project Need & Impact

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Alma Street to Dead End. Project was selected based on the 2017 PASER system. Current PASER is 2. 2020 PASER ratings were done in the spring. This road is also tied into major road treatment and was chosen for this year to save contractor costs.

Estimated cost based on previous similar work is \$40,000.

Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History (Is this replacing existing equipment?)

Replacing road surface.

Related Costs and Future Funding Needs

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Pearl St.	Priority Rank (1-4):	3
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	\$51,087.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	\$51,087.00	-	-	-

Description of Project, Project Need & Impact

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Alma Street to Dead End. Project was selected based on the 2017 PASER system. Current PASER is 2. 2020 PASER ratings were done in the spring. This road is also tied into major road treatment and was chosen for this year to save contractor costs.

Estimated cost based on previous similar work is \$51,087.

Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History (Is this replacing existing equipment?)

Replacing road surface.

Related Costs and Future Funding Needs

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Pearl & Maple Drain Replacement	Priority Rank (1-4):	3
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	\$217,852.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	\$217,852.00	-	-	-

Description of Project, Project Need & Impact

Street and utility improvements on Pearl Street from Washington Street to Union Street and on Washington Street from Pearl Street to Gardner Street. Utility improvements include replacement of 250 feet of storm sewer with offset joints and broken sections of pipe as well as disconnection of catch basins that are connected to the sanitary system. Street improvements include as-needed curb/gutter and sidewalk replacement, new concrete driveway approaches, and a street reconstruction.

Project History (Is this replacing existing equipment?)

New installation of drain found needed from SAW work.

Related Costs and Future Funding Needs

General Maintenance.

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Orchard & Pine Drain Replacement	Priority Rank (1-4):	3
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	\$307,339.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	\$307,339.00	-	-	-

Description of Project, Project Need & Impact

Street and utility improvements on Orchard Drive from Pine Street to Anderson Street. Utility improvements include replacement of 300 feet of storm sewer with offset joints and poor alignment and lining of over 500 feet of sanitary sewer with infiltration. Street improvements include as-needed curb/gutter and sidewalk replacement, plus removal and replacement of the asphalt.

Project History (Is this replacing existing equipment?)

Sanitary lining was completed in 2020. This new storm main will replace the failing storm lines.

Related Costs and Future Funding Needs

General Maintenance

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	South Street	Priority Rank (1-4):	4
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	\$112,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	112,000.00	-	-

Description of Project, Project Need & Impact

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from end to end. Project was selected based on the 2017 PASER system. Current PASER is 2-3. 2020 PASER ratings was lower at a 2.

Estimated cost based on previous similar work is \$112,000.

Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History (Is this replacing existing equipment?)

Replacing asphalt road surface.

Related Costs and Future Funding Needs

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Ecklund Street		Priority Rank (1-4):	4
Department/Fund:	Local Streets	Funding Source:	Local Street Fund	
Total Cost: \$	\$53,440.00			

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	\$53,440.00	-	-

Description of Project, Project Need & Impact	
<p>Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Alma Street to Dead End. Project was selected based on the 2017 PASER system. Current PASER is 2. 2020 PASER ratings were done in the spring. This road is also tied into major road treatment and was chosen for this year to save contractor costs.</p> <p>Estimated cost based on previous similar work is \$53,440.</p> <p>Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.</p>	

Project History (Is this replacing existing equipment?)
<p>Replacing road surface</p>

Related Costs and Future Funding Needs
<p>Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.</p>

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Elmwood Street	Priority Rank (1-4):	4
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	\$27,283.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	\$27,283.00	-	-

Description of Project, Project Need & Impact

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Alma Street to Dead End. Project was selected based on the 2017 PASER system. Current PASER is 2. 2020 PASER ratings were done in the spring. This road is also tied into major road treatment and was chosen for this year to save contractor costs.

Estimated cost based on previous similar work is \$27,283.

Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History (Is this replacing existing equipment?)

Replacing road surface

Related Costs and Future Funding Needs

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Park Lane	Priority Rank (1-4):	4
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	\$33,187.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	\$33,187.00	-	-

Description of Project, Project Need & Impact

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Alma Street to Dead End. Project was selected based on the 2017 PASER system. Current PASER is 2. 2020 PASER ratings were done in the spring. This road is also tied into major road treatment and was chosen for this year to save contractor costs.

Estimated cost based on previous similar work is \$33,187.

Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History (Is this replacing existing equipment?)

Replacing road surface.

Related Costs and Future Funding Needs

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Pine & Amelia St. Drain Replacement	Priority Rank (1-4):	4
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	\$464,785.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	\$464,785.00	-	-

Description of Project, Project Need & Impact

Street and utility improvements on South Street from Pine Street to White Street, Pine Street from Amelia Street to South Street, and Amelia Street from Pine Street to White Street. Utility improvements include replacement of 250 feet of storm sewer in poor condition plus installation of new storm sewer along Pine Street and Pleasant Street in the right-of-way. The current storm system directs water through pipes located on private property. Street improvements include driveway replacements, as-needed curb/gutter and sidewalk replacement, and a street reconstruction.

Project History (Is this replacing existing equipment?)

New installation of drain lines to replace the existing in private property.

Related Costs and Future Funding Needs

General Maintenance

Village of Sparta Capital Improvement Plan

Local Street Fund

Individual Project Description

Project Title:	Amelia Street Mill & Fill	Priority Rank (1-4):	1
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	Est. \$75,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	-	\$75,000.00	-

Description of Project, Project Need & Impact
<p>Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from end to end. Project was selected based on the 2017 PASER system. Current PASER is 3.</p> <p>Estimated cost based on previous similar work is \$75,000.</p> <p>Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.</p>

Project History (Is this replacing existing equipment?)
<p>Replacing asphalt road surface.</p>

Related Costs and Future Funding Needs
<p>Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.</p>

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Pleasant Street	Priority Rank (1-4):	4
Department/Fund:	Local Streets	Funding Source:	Local Street Fund
Total Cost: \$	Est. \$70,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	-	\$70,000.00	-

Description of Project, Project Need & Impact

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from end to end. Project was selected based on the 2017 PASER system. Current PASER is 2-3. 2020 PASER ratings will be done in the spring.

Estimated cost based on previous similar work is \$70,000.

Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History (Is this replacing existing equipment?)

Replacing asphalt road surface.

Related Costs and Future Funding Needs

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	White Street	Priority Rank (1-4):	4
Department/Fund:	Local Streets	Funding Source:	Local Street Funds
Total Cost: \$	Est. \$35,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	-	\$35,000.00	-

Description of Project, Project Need & Impact

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from South St to Dead End. Project was selected based on the 2017 PASER system. Current PASER is 3. 2020 PASER ratings will be done in the spring. This road is also tied into other local road treatments and was chosen for this year to save contractor costs.

Estimated cost based on previous similar work is \$35,000.

Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History (Is this replacing existing equipment?)

Replace asphalt road surface.

Related Costs and Future Funding Needs

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Village of Sparta Capital Improvement Plan
Local Street Fund
 Individual Project Description

Project Title:	Kings Blvd.	Priority Rank (1-4):	4
Department/Fund:	Local Streets	Funding Source:	Local Street Funds
Total Cost: \$	Est. \$85,865.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	-	\$85,865.00	-

Description of Project, Project Need & Impact

Project entails milling the existing asphalt surface and replacing with a new asphalt wearing course from Alma Street to Dead End. Project was selected based on the 2017 PASER system. Current PASER is 2. 2020 PASER ratings were done in the spring. This road is also tied into major road treatment and was chosen for this year to save contractor costs.

Estimated cost based on previous similar work is \$85,865.

Project locations may change if the Storm water Asset Management and Waste Water (SAW) grant study finds sewer projects that need to be addressed.

Project History (Is this replacing existing equipment?)

Replace asphalt road surface.

Related Costs and Future Funding Needs

Future needs will be for maintenance to extend street life, but that is budgeted as part of local streets maintenance annually.

Airport Fund (581)

Village of Sparta

Capital Improvement Plan – Six-year Executive Summary

Fiscal Year (FY 2021)		
Project	Cost	Funding Source
Crack Sealing	\$75,000.00	Airport Fund/MDOT Aero
Airport Layout Plan (ALP)	\$160,000.00	Airport Fund/MDOT Aero
New T-Hangars	\$750,000.00	Airport Fund
FBO2 Masonry Repair and Painting	\$20,000.00	Airport Fund

Fiscal Year (FY 2022)		
Project	Cost	Funding Source
AWOS Equipment Replacement	\$300,000.00	Airport Fund/MDOT Aero

Fiscal Year (FY 2023)		
Project	Cost	Funding Source
New Terminal Feasibility Study	\$2,000.00	Airport Fund
Apron Expansion and Resurfacing	20,000 of 600,000	Airport Fund/MDOT Aero

Fiscal Year (FY 2024)		
Project	Cost	Funding Source
Crack Sealing/Pavement Marking	\$3,000.00	Airport Fund/MDOT Aero
Jet-A Fuel Truck (Used)	\$53,000	Airport Fund

Fiscal Year (FY 2025)		
Project	Cost	Funding Source

Village of Sparta Capital Improvement Plan
Airport Fund
 Individual Project Description

Project Title:	Crack Sealing	Priority Rank (1-4):	1
Department/Fund:	Airport	Funding Source:	Airport Fund/MDOT Aero
Total Cost: \$	\$75,000.00 – Village Share \$4,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$4,000.00	-	-	-	-	-

Description of Project, Project Need & Impact

The paved surfaces at the airport are in need of more than the regular state subsidized maintenance. Areas of particular need are the north apron and connector taxiway west of hangar row "D".

Project History (Is this replacing existing equipment?)

Crack sealing is a recurring project at the airport with assistance from MDOT Aero. The airport was moved up in the priority list due to need. MDOT has agreed to complete nearly three times the normal amount of crack sealing to help bring us to acceptable pavement quality.

Related Costs and Future Funding Needs

None

Village of Sparta Capital Improvement Plan
Airport Fund
 Individual Project Description

Project Title:	Airport Layout Plan (ALP)	Priority Rank (1-4):	1
Department/Fund:	Airport	Funding Source:	Airport Fund/MDOT Aero
Total Cost: \$	\$160,000.00 – Village Share \$9,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$9,000.00	-	-	-	-	-

Description of Project, Project Need & Impact

MDOT requires an updated Airport Layout Plan (ALP) to be completed in FY2020/FY2021. The current plan was last completed in 2003.

Project History (Is this replacing existing equipment?)

Updated regularly, the airport layout plan is the basis for future planning within our airport boundary.

Related Costs and Future Funding Needs

None

Village of Sparta Capital Improvement Plan
Airport Fund
 Individual Project Description

Project Title:	New T-Hangars	Priority Rank (1-4):	1
Department/Fund:	Airport	Funding Source:	Airport Fund/Village Loan
Total Cost: \$	\$750,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$750,000	-	-	-	-	-

Description of Project, Project Need & Impact

The airport is currently at 100% occupancy of all hangars. The airport manager has indicated that a list of over 40 possible tenants currently exist and the airport committee has a desire to add additional space to be funded through monthly lease payments.

Project History (Is this replacing existing equipment?)

These hangars would be new construction east of hangar "E" and the new build private hangars.

Related Costs and Future Funding Needs

General Maintenance

Village of Sparta Capital Improvement Plan
Airport Fund
 Individual Project Description

Project Title:	FBO2 Masonry Repair and Painting	Priority Rank (1-4):	1
Department/Fund:	Airport	Funding Source:	Airport Fund
Total Cost: \$	\$20,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$20,000	-	-	-	-	-

Description of Project, Project Need & Impact	
<p>Building FBO 2 requires trim work as well as repainting to prolong the life of the building.</p> <p>The work would preserve a historic building and facilities that are leased to a private owner and storage for the village needs.</p>	

Project History (Is this replacing existing equipment?)
<p>This would-be maintenance to the existing building.</p>

Related Costs and Future Funding Needs
<p>General Maintenanc.</p>

Village of Sparta Capital Improvement Plan
Airport Fund
 Individual Project Description

Project Title:	Automated Weather Operating System	Priority Rank (1-4):	2
Department/Fund:	Airport	Funding Source:	Airport Fund/MDOT Aero
Total Cost: \$	\$300,000.00 – Village Share \$15,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$15,000.00	-	-	-	-

Description of Project, Project Need & Impact

This automated weather observation system would replace the current weather reporting at the airport and report to the federal network, allowing for charter flights to operate under instrument conditions.

The system is maintained by MDOT and reports additional parameters that were not previously reported to pilots.

- AWOS system is \$300,000 with MDOT Aero’s share being 95% our final cost is \$15,000.00.

Project History (Is this replacing existing equipment?)

This project would replace the current non-federal, non-subsidized AWOS located at the airport.

Related Costs and Future Funding Needs

Yearly inspections: \$3,000.00
 Yearly Maintenance: \$3,000.00

Village of Sparta Capital Improvement Plan
Airport Fund
 Individual Project Description

Project Title:	Feasibility Study (Terminal Building)	Priority Rank (1-4):	1
Department/Fund:	Airport	Funding Source:	Airport Fund
Total Cost: \$	\$2,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	\$2,000.00	-	-	-

Description of Project, Project Need & Impact

This need is the first in a three-step process to building a new terminal building. Our share of the total cost is \$2,000 of the total \$25,000.

This project was originally pushed from 2017 to 2023 for other projects.
 This project has been pushed back from 2017 to 2023 to allow the Airport to focus on other projects.

Project History (Is this replacing existing equipment?)

The new building has been in the planning phase for many years and the current building is nearing the end of its useful life. MDOT has established similar structures at airports with our size and traffic count.

Related Costs and Future Funding Needs

None

Village of Sparta Capital Improvement Plan
Airport Fund
 Individual Project Description

Project Title:	Apron Expansion and Resurfacing	Priority Rank (1-4):	1
Department/Fund:	Airport	Funding Source:	Airport Fund/MDOT Aero
Total Cost: \$	\$20,000.00 of \$600,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	\$20,000	-	-	-

Description of Project, Project Need & Impact

Need for additional aircraft parking has been identified. This project expands the current apron south and also fill in a grassy area immediately adjacent to the fuel pumping station. The additional areas provide for overnight tie-down parking and the ability to stage more than one aircraft for fueling.

Project History (Is this replacing existing equipment?)

Expansion of the current apron to allow proportionate growth with airport traffic.

Related Costs and Future Funding Needs

General maintenance, crack sealing, painting.

Village of Sparta Capital Improvement Plan
Airport Fund
 Individual Project Description

Project Title:	Crack Sealing/Pavement Marking	Priority Rank (1-4):	2
Department/Fund:	Airport	Funding Source:	Airport/MDOT Aero
Total Cost: \$	\$2,000.00/\$3,000.00 of \$20,000.00 total		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	\$3,000.00		-

Description of Project, Project Need & Impact

The airport anticipates continued maintenance of the paved surfaces both with crack sealing and painting. This is a scheduled recurring program through MDOT who provides significant funding assistance. The sealing/painting maintains the paved surfaces and prolongs their life. An increase in planned cost for 2024 due to additional apron space.

Project History (Is this replacing existing equipment?)

This program continues the normal crack sealing and marking schedule for the runway, taxiway and apron.

Related Costs and Future Funding Needs

As apron space increases, cost will increase proportionately.

Village of Sparta Capital Improvement Plan
Airport Fund
 Individual Project Description

Project Title:	Jet A Fuel Truck (Used)	Priority Rank (1-4):	4
Department/Fund:	Airport	Funding Source:	Airport Fund
Total Cost: \$	\$53,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	\$53,000.00	-	-

Description of Project, Project Need & Impact

Purchase of a used 3,000-gallon Jet A fuel truck to purchase or lease in order to sell Jet A fuel. Sparta Airport does not offer for sale Jet A fuel and never has. Fuel needs are changing and more turbo prop planes are being built and sold in the United States. We have other jets come into the field that land but are unable to fuel up because we do not offer jet a fuel.

This has been placed in 2022 so that Village officials can continue to explore the feasibility of providing this service.

Project History (Is this replacing existing equipment?)

The Airport does not currently have a fuel truck, this would be a new purchase.

Related Costs and Future Funding Needs

Related costs are:

- Insurance \$700 yearly
- Fuel cost \$6,480 each load (3000 Gallons)
- Fuel sales \$12,480 each load at \$4.16 a gallon, other prices include \$4.99-\$6.34

Sewer Fund (590) & Sewer Capital Improvement Fund (592)

Department: Sewer

Capital Improvement Plan – Six-year Executive Summary

Fiscal Year (FY 2021)		
Project	Cost	Funding Source
Sanitary Spot Repairs	\$50,000.00	Sewer Capital (592)
Automate Treatment Train #2	\$200,000.00	Sewer Redemption Fund (376)
RDC Discharge Pump Replacement	\$30,000.00	Sewer Capital Fund (592)
Train #2 RAS/Rotor Control Upgrade	\$75,000.00	Sewer Redemption Fund (376)
Clarifier #1 & #2 Blast/Paint	\$40,000.00	Sewer Redemption Fund (376)
Clarifier #1/#2 Scum Through & Assembly	\$10,000.00	Sewer Redemption Fund (376)
Rebuild Oxidation Ditch #1	\$250,000.00	Sewer Capital Fund (592)
Prev. Maint. at Bedford Falls and Mission alarm system	\$12,000.00	Sewer Capital (592)
DPW Garage Study	\$2,000.00	Sewer Capital (592)
Fixed Generator at Buth	\$40,000.00	Sewer Capital (592)
E. Gardner Sanitary Sewer Upgrades	\$547,869.00	Sewer Capital (592)

Fiscal Year (FY 2022)		
Project	Cost	Funding Source
Design/Build Blower #5	\$50,000.00	Sewer Capital Fund (592)
Blower #2 Replacement	\$30,000.00	Sewer Capital (592)
Anderson St. Sewer (Gardner to Orchard)	\$140,000.00	Sewer Capital (592)
Replace Train #1 RAS Pumps	\$20,000.00	Sewer Capital Fund (592)
Train #2 Minor Refurbishment	\$40,000.00	Sewer Capital (592)
Fixed Generator at Applewood Lift Station	\$40,000.00	Sewer Capital (592)

Fiscal Year (FY 2023)		
Project	Cost	Funding Source
Upgrade Primary Clarifier Sludge Removal	\$30,000.00	Sewer Redemption Fund (376)
Applewood Lift Station Upgrade	\$30,000.00	Sewer Capital (592)
Blower #3 Replacement	\$30,000.00	Sewer Redemption Fund (376)

Fiscal Year (FY 2024)		
Project	Cost	Funding Source
Replace Sieve Drum Concentrator	\$160,000.00	Sewer Capital (592)
Replace Clarifiers #1 & #2 Drive Units	\$45,000.00	Sewer Redemption Fund (376)

Fiscal Year (FY 2025)		
Project	Cost	Funding Source

Fiscal Year (FY 2026)		
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Project	Cost	Funding Source
Install new sanitary - Martindale	Unknown	Sewer Capital (592)

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	Sanitary Sport Repairs	Priority Rank (1-4):	1
Department/Fund:	WWTP	Funding Source:	Sewer Capital (592)
Total Cost:	\$50,000.00 Per Year		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00

Description of Project, Project Need & Impact

Sanitary spot repairs will be made annually. Maintenance of this type will prolong the useful life of the sanitary collection system.

Project History (Is this replacing existing equipment?)

This will be done on an annual basis. Spot repair areas will be dictated by the report generated as part of the SAW grant project.

Related Costs and Future Funding Needs

Funds will be allocated for spot repairs annually.

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	Automate Treatment Train #2	Priority Rank (1-4):	1
Department/Fund:	WWTP	Funding Source:	Sewer Redemption Fund (376)
Total Cost:	\$200,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$200,000.00	-	-	-	-	-

Description of Project, Project Need & Impact	
<p>Scope includes addition of instrumentation necessary to control ditch rotors based on dissolved oxygen. Also includes addition of modulating control valves to automate wasting and RAS rate based on flow. Will allow for energy savings and better treatment control for permit compliance.</p>	

Project History (Is this replacing existing equipment?)
<p>This project utilizes existing train #2.</p>

Related Costs and Future Funding Needs
<p>When train #1, similar costs will be involved to bring that train online.</p>

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	RDC Discharge Pump Replacement	Priority Rank (1-4):	1
Department/Fund:	WWTP	Funding Source:	Sewer Fund
Total Cost:	\$30,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$30,000.00	-	-	-	-	-

Description of Project, Project Need & Impact

The Rotating Drum Concentrator (RDC) has two pumps, a supply and discharge. The discharge pump transfers the dewatered (thickened) sludge up the hill to the sludge storage tanks. The discharge lobe pumps motor is starting to indicate that the bearing is starting to fail. Also, a lobe pump is the wrong type of pump for transferring dewatered sludge. The lobe pump will be replaced with a progressive cavity pump, which is designed to pump thick sludge.

Project History (Is this replacing existing equipment?)

This will be replacing an existing 2008 pump with an appropriate unit for the purpose of moving thick sludge.

Related Costs and Future Funding Needs

General maintenance.

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	Train #2 RAS/Rotor Control Upgrade	Priority Rank (1-4):	2
Department/Fund:	Sewer	Funding Source:	Sewer Redemption Fund (376)
Total Cost:	\$75,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$75,000.00	-	-	-	-	-

Description of Project, Project Need & Impact
<p>Upgrade RAS Pump and Oxidation Ditch rotor control to a PLC. Also, would upgrade basin level sensor to Ultrasonic (same as just done in Influent Wetwell). The PLC would allow the Oxidation Ditch to be operated in a more cost advantageous method by tying the Dissolved Oxygen sensors into the PLC, which would then increase and decrease the rotor speed as needed. The Ultrasonic level sensor would replace the air bubbler transducer system. It would eliminate a duplex air compressor and simplify level control.</p> <p>This was originally part of Phase II of the Electrical Project. When IAI started at the Sparta WWTP both Russ Johnson and Gary Nestle emphasized to Council that the plant was woefully lacking in automation. Moving forward it was stressed that automation would need to be implemented whenever possible, which we have been doing. This is another critical part of moving the plant forward towards proper automation which will increase the staff efficiency IAI expected to occur as automation was implemented. In short – its time has come.</p> <p>Plant staff has recently noticed fluctuations in Reactor Dissolved Oxygen (DO) due to slug loads of above average strength influent waste stream. Without automation, aeration has to be maintained 24/7 at a level to handle these slug loads – which means that the treatment process is producing excess aeration approximately 85% of the time.</p>

Project History (Is this replacing existing equipment?)
<p>This would be replacing existing equipment (2008) that is old technology with current state of the market (COTS) systems.</p>

Related Costs and Future Funding Needs

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	Clarifier #1 & #2 Sand Blast and Paint	Priority Rank (1-4):	1
Department/Fund:	Sewer	Funding Source:	Sewer Redemption Fund (376)
Total Cost: \$	\$40,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$40,000	-	-	-	-	-

Description of Project, Project Need & Impact

Sand blast and paint all metal components in the Train #1 final clarifiers. This needs to be done to protect these old metal parts for the future. Timing wise, this needs to be done before Train #1 can be placed back in service.

Project History (Is this replacing existing equipment?)

These units were installed in 1988 and have not been painted since.

Related Costs and Future Funding Needs

None.

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	Clarifier #1 & #2 Skimmer and Scum Trough	Priority Rank (1-4):	1
Department/Fund:	Sewer	Funding Source:	Sewer Redemption Fund (376)
Total Cost:	\$10,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$10,000.00	-	-	-	-	-

Description of Project, Project Need & Impact	
<p>Replace skimmer scrapers and scum troughs on Clarifiers #1 and #2. The poor condition of these units was noted in the OVIVO WATER field service report DTD 11/9/16. These units are rusted/deteriorated and need to be replaced prior to these Clarifiers being placed in service.</p>	

Project History (Is this replacing existing equipment?)
<p>This will be repairing and replacing existing equipment. The units are original 1988 equipment.</p>

Related Costs and Future Funding Needs
<p>Future maintenance costs.</p>

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	Oxidation Ditch #1 Rebuild	Priority Rank (1-4):	2
Department/Fund:	Sewer	Funding Source:	Sewer Capital Fund (592)
Total Cost:	\$250,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$250,000.00	-	-	-	-	-

Description of Project, Project Need & Impact	
<p>Oxidation Ditch #1 has numerous components and subsystems that have failed or are unserviceable. The heart of this treatment system – the aeration brushes – over half have rusted out and fallen off the shaft. As most all of the metal components are rusted and seized/in-operable, all of the components and subsystems need to be replaced.</p> <p>The treatment plant was expanded to allow for residential and economic development within the sewer district. The WWTP currently has only one treatment train in service. Oxidation Ditch #1 and its treatment train need to be placed into service before any substantial growth occurs in the Village.</p>	

Project History (Is this replacing existing equipment?)	
<p>Oxidation Ditch #1 was constructed in 1988. This treatment system has received spotty routine maintenance over its life.</p>	

Related Costs and Future Funding Needs	
<p>Future maintenance costs.</p>	

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	PM Bedford Falls Alarm	Priority Rank (1-4):	2
Department/Fund:	Sewer	Funding Source:	Sewer Capital Fund (592)
Total Cost:	\$12,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$12,000.00	-	-	-	-	-

Description of Project, Project Need & Impact

This project would include installation of a Mission alarm being installed in the Bedford Falls lift station. This will bring this lift station inline, and on the same system, as other lift stations. This will simplify alarm response for staff and reduce issues with the existing alarm system.

Project History (Is this replacing existing equipment?)

To replace the alarm system and to do preventative maintenance.

Related Costs and Future Funding Needs

No foreseen costs in the future.

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	Buth & Applewood Lift Station Generators	Priority Rank (1-4):	2
Department/Fund:	Sewer Department	Funding Source:	Sewer Capital Fund (592)
Total Cost:	\$80,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$40,000	-	\$40,000	-	-	-

Description of Project, Project Need & Impact	
<p>Purchase a fixed generator for the standby power at the largest lift station in the Village, Buth. Currently the DPW crew has to trailer a generator to our 4 lift stations in addition to Algoma Twp. (Camp Lake) if the power is out there too. This would make the emergency conditions much easier as we would only have to check on the lift station instead of plugging in the trailered generator and waiting for the pumps to get to a safe low level, then on to the next lift station.</p> <p>Estimated cost based on internet research and contractor verbal estimate.</p>	

Project History (Is this replacing existing equipment?)
<p>This would be a new purchase and including a transfer switch.</p> <p>2021 Buth Lift Station Generator \$40,000 2023 Applewood Lift Station \$40,000</p>

Related Costs and Future Funding Needs
<p>Diesel Fuel and Preventative Maintenance</p>

Village of Sparta Capital Improvement Plan

Department: Public Works
Individual Project Description

Project Title:	DPW Building Study	Priority Rank (1-4):	1
Department/Fund:	Public Works	Funding Source:	General Fund
Total Cost: \$	\$2,000.00 – Total cost is shared between various funds		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$2,000.00	-	-	-	-	-

Description of Project, Project Need & Impact
<p>A study needs to be done on this older DPW building. There are many potential issues with the building including: foundation, electrical, plumbing, asbestos piping, broken windows, sewer issues, no engine exhaust venting, snow loading and roof drainage issues, inefficient heat and no AC, limited facilities for the amount of crew etc.</p> <p>Before fixing these issues, it would more effect to have a structural study done and determine if we need to spend money to fix the issues or to demo this building and have a new garage built to house both water and street crews.</p>

Project History (Is this replacing existing equipment?)
<p>This is an expense to determine how to proceed with the DPW building.</p>

Related Costs and Future Funding Needs
<p>Depends on what the study says. It will determine fixing vs. building a new facility.</p>

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	E. Gardner Sanitary Sewer Upgrades	Priority Rank (1-4):	4
Department/Fund:	Sewer Department	Funding Source:	Sewer Capital (592)
Total Cost: \$	\$574,869.0 & \$685,324.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$574,869.00	\$685,324.00	-	-	-	-

Description of Project, Project Need & Impact

This project would include combining the 3 sanitary mains along E. Gardner from Prospect Street to the Waste Water Treatment Plant. This includes the old Carnation sewer line, the main 15-inch sewer and the short main that collects Lone Pine with some houses on E. Gardner. We also need to address what line the Buth Lift Station force main will enter as well.

Project History (Is this replacing existing equipment?)

Engineers would need to look at the existing system and is expected to be addressed in the S.A.W. grant study, which will provide an improved scope of work and estimated costs.

Related Costs and Future Funding Needs

Should be very little with the new infrastructure.

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	Design / Build Blower #5	Priority Rank (1-4):	2
Department/Fund:	Sewer	Funding Source:	Sewer Capital Fund (592)
Total Cost:	\$50,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$50,000.00	-	-	-	-

Description of Project, Project Need & Impact	
<p>Design and construct a redundant blower for Digester #4.</p> <p>A redundant blower is needed as part of the aeration system for Digester #4. The operation problems experienced in the late summer of 2017 when the one blower that provides aeration to this basin were significant and expensive. When Digester #4 is taken out of service, Digester #1 is inadequate to digest the WAS (waste activated sludge) and the primary sludge.</p> <p>This needs to be done prior to Treatment Train #1 being placed in service.</p>	

Project History (Is this replacing existing equipment?)	
<p>This is an expansion of capabilities for an existing system.</p>	

Related Costs and Future Funding Needs	
<p>Improve efficiency and reduce maintenance.</p>	

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	Replace Blower #2	Priority Rank (1-4):	2
Department/Fund:	Sewer	Funding Source:	Sewer Capital Fund (592)
Total Cost:	\$30,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$30,000.00	-	-	-	-

Description of Project, Project Need & Impact

Replace Blower #2. This system is at the end of its expected service life. It is recommended to replace existing unit with a more energy efficient unit.

Project History (Is this replacing existing equipment?)

This is replacing a 1988 unit.

Related Costs and Future Funding Needs
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This will result in less maintenance costs and more efficient equipment.

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title	Anderson Street Sewer (W. Gardner to Orchard)	Priority Rank (1-4)	3
Department/Fund	Sewer	Funding Source	Sewer Capital Fund (592)
Total Cost \$	\$140,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$140,000.00	-	-	-	-

Project Description and Location

Project includes improvements to the sanitary sewer system between Gardner and Orchard.

Project History and Plans

This is the 2nd phase of Anderson Street to be completed as funding allows.

Project Need and Impact

Sanitary sewer is in poor shape on Anderson Street and needs to be replaced.

Related Costs and Future Funding Needs

Regular maintenance

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title	Replace Train #1 RAS Pump		Priority Rank (1-4)	2
Department/Fund	Sewer	Funding Source	Sewer Capital Fund (592)	
Total Cost \$	\$20,000.00			

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$20,000.00	-	-	-	-

Project Description and Location						
Infrastructure Alternatives will provide greater detail as it is available.						

Project History and Plans						

Project Need and Impact						

Related Costs and Future Funding Needs						

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	Train #2 Minor Refurbishment	Priority Rank (1-4):	2
Department/Fund:	Sewer	Funding Source:	Sewer Capital Fund (592)
Total Cost:	\$40,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$40,000.00	-	-	-	-

Description of Project, Project Need & Impact	
<p>Train #2 refurbish. Once Train #1 is in service, take Train #2 out of service and perform preventive maintenance. Also, to do the following:</p> <ul style="list-style-type: none"> • Replace missing aeration brushes • Replace rotor pillow bearings (12) • Rehab clarifier 3 & 4 drives 	

Project History (Is this replacing existing equipment?)
Regular care and maintenance of existing equipment

Related Costs and Future Funding Needs
General Maintenance

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	Primary Clarifier Sludge Removal	Priority Rank (1-4):	1
Department/Fund:	WWTP	Funding Source:	Sewer Redemption Fund (376)
Total Cost:	\$30,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	\$30,000.00	-	-	-

Description of Project, Project Need & Impact

The telescoping valve used to remove sludge from the Primary Clarifier dates to 1950's. This style of sludge removal from a Primary Clarifier is the weakest. The circular design of the Primary Clarifier is the poorest – so these two issues compound the problem. Recommend having the Village Engineer design/build an improved sludge removal system for this treatment process.

In order to get this process to function it has to be operated so that the Primary Clarifier is always on the edge of turning septic. This causes odors and makes the sludge more difficult to digest.

Project History (Is this replacing existing equipment?)

This project is to replace – or – upgrade the existing 1950 telescoping valve.

Related Costs and Future Funding Needs

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title	Blower #3 Replacement		Priority Rank (1-4)	3
Department/Fund	Sewer	Funding Source	Sewer Capital Fund (592)	
Total Cost \$	\$30,000.00			

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	\$30,000.00	-	-	-

Project Description and Location

This purchase will ensure the WWTP has a spare blower incase one of the blowers, currently in service, is damaged or goes down. This will allow WWTP staff to swap out blowers.

Project History and Plans

Project Need and Impact

This will add an additional layer of redundancy for the blower system at the WWTP.

Related Costs and Future Funding Needs

General maintenance.

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	Sieve Drum Concentrator Replacement	Priority Rank (1-4):	4
Department/Fund:	Sewer	Funding Source:	Sewer Capital Fund (592)
Total Cost:	\$160,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	\$160,000.00	-	-

Description of Project, Project Need & Impact

The Sieve Drum Concentrator is used to decrease the amount of sludge that needs to be land applied. The unit is past its expected service life. It is anticipated that staff can keep this unit operational for a couple more years.

Project History (Is this replacing existing equipment?)

This is to replace the existing 1988 Drum Concentrator.

Related Costs and Future Funding Needs

Reduced maintenance or potential downtime.

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	Replace Clarifiers #1 & #2 drive units	Priority Rank (1-4):	2
Department/Fund:	WWTP	Funding Source:	Sewer Redemption Fund (376)
Total Cost:	\$45,000.00		

FY Year	2020	2021	2022	2023	2024	2025
Est. Cost	-	-	-	-	\$45,000.00	-

Description of Project, Project Need & Impact	
<p>Replace Clarifiers #1 & #2 drive units. Units are approaching the end of their service life. They are showing their age – bearings and seals are leaking. It is almost the same cost to purchase and install new units compared to removing, ship to manufacture for repair and then ship back to plant for installation.</p>	

Project History (Is this replacing existing equipment?)
<p>This is the planned replacement of 1988 equipment.</p>

Related Costs and Future Funding Needs
<p>Reduced maintenance or potential downtime.</p>

Village of Sparta Capital Improvement Plan
Sewer Department
 Individual Project Description

Project Title:	New Sanitary – Martindale	Priority Rank (1-4):	2
Department/Fund:	Sewer Department	Funding Source:	Sewer Capital (592)
Total Cost: \$	Unknown – Need Engineering		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	-	-	Unknown

Description of Project, Project Need & Impact
Once engineering has been completed a project description will be added.

Project History (Is this replacing existing equipment?)

Related Costs and Future Funding Needs

Water Fund (591) & Water Capital Improvement Fund (593)

Village of Sparta

Capital Improvement Plan – Six-year Executive Summary

Fiscal Year (FY 2021)		
Project	Cost	Funding Source
Install Security Upgrades at Water Facilities	\$18,000.00	Water Capital (593)
Tank & Valve Fund	\$5,000.00	Water Operating (591)
All Tower Recommendations	\$45,000.00	Water Operating (591)
Softener Media Replacement	\$45,000.00	Water Capital (593)
DPW Garage Structure Study	\$2,000.00	Water Capital (593)

Fiscal Year (FY 2022)		
Project	Cost	Funding Source
All Tower Recommendations	\$45,000.00	Water Operating (591)
Tank & Valve Fund	\$5,000.00	Water Operating (591)
Water Reliability Study	\$16,000.00	Water Operating (591)

Fiscal Year (FY 2023)		
Project	Cost	Funding Source
All Tower Recommendations	\$45,000.00	Water Operating (591)
Tank & Valve Fund	\$5,000.00	Water Operating (591)
S. Union St. Water Main Replacement	\$586,000.00	Water Capital (593)
Replace Well #4 Raw Water Main	\$352,500.00	Water Capital (593)

Fiscal Year (FY 2024)		
Project	Cost	Funding Source
All Tower Recommendations	\$45,000.00	Water Operating (591)
Tank & Valve Fund	\$5,000.00	Water Operating (591)
Replace Water Main (Clark & Edward St.)	\$102,300.00	Water Capital (593)
Nelson Loop	\$102,300.00	Water Capital (593)

Fiscal Year (FY 2025)		
Project	Cost	Funding Source
All Tower Recommendations	\$45,000.00	Water Operating (591)
Tank & Valve Fund	\$5,000.00	Water Operating (591)
Replace 2015 Truck	\$40,000.00	Water Operating (591)
Water Main Loop Martindale to 12 Mile	\$600,000.00	Water Capital (593)

Fiscal Year (FY 2026)		
Project	Cost	Funding Source
All Tower Recommendations	\$45,000.00	Water Operating (591)
Tank & Valve Fund	\$5,000.00	Water Operating (591)

Village of Sparta Capital Improvement Plan
Water Department
 Individual Project Description

Project Title:	Security Upgrade at Water Facilities	Priority Rank (1-4):	1
Department/Fund:	Water	Funding Source:	Water Operating
Total Cost: \$	\$18,000		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$18,000	-	-	-	-	-

Description of Project, Project Need & Impact

The DEQ has always asked municipalities to have better security at their facilities. Now with the reasonable prices of security cameras and equipment we should be able to match the system at the Airport for the water plant and especially the East Water Tower since that's the one with most intrusion alarms. In addition, we can update our fencing around the water facilities. And lastly, we could install a VPN (Virtual Private Network) on the controls of the water treatment facility to address alarms right from a cell phone. Currently the sewer lift stations have that technology and I feel we need this for the safety and security of the Sparta Water Treatment Plant.

Project History (Is this replacing existing equipment?)

This will include new equipment and upgraded fencing.

Related Costs and Future Funding Needs

Less alarm call in's for kids trying to climb the water tower (catch them on video if they climb over the new fencing). With the newer technology, this would save on overtime and aid the Sparta Police in catching the perpetrator.

Village of Sparta Capital Improvement Plan
Water Department
 Individual Project Description

Project Title:	Tank & Valve Fund	Priority Rank (1-4):	1
Department/Fund:	Water	Funding Source:	Water Operating
Total Cost: \$	\$5,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00

Description of Project, Project Need & Impact

There are so many valves at the water plant that in the past we were spending a lot of money to replace them. Over time, with the constant cycling of the valves for the treatment of water, they fail. These automated valves can be pricy.

Project History (Is this replacing existing equipment?)

Replacing faulty valves in the water plant and out in the water system.

Related Costs and Future Funding Needs

Replacement value.

Village of Sparta Capital Improvement Plan
Water Department
 Individual Project Description

Project Title:	Water Tower Repair/Improvements	Priority Rank (1-4):	2
Department/Fund:	Water	Funding Source:	Water Capital Fund (593)
Total Cost: \$	\$45,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$45,000.00	-	-	-	-	-

Description of Project, Project Need & Impact

The water towers are inspected every few years and there is will be a list of items that need to be addressed at the various towers in the village. Prior to 2021 we would get a more detailed list from Dixon Engineering with cost estimates to better budget for the project.

Project History (Is this replacing existing equipment?)

Yes, safety equipment is open to the elements causing them to become unsafe. Piping needs to be repainted also. All of the work to be completed is repair or replacement of existing components.

Related Costs and Future Funding Needs

General Maintenance

Village of Sparta Capital Improvement Plan
Water Department
 Individual Project Description

Project Title	Softener Media Replacement	Priority Rank (1-4)	2
Department/Fund	Water	Funding Source	Water Capital Fund (593)
Total Cost \$	\$45,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$45,000.00	-	-	-	-	-

Project Description and Location

The resins in the three softeners should be replaced because of age.

Project History and Plans

The existing resin was replaced 15+ years ago. Generally, the life expectancy of resin is 10-20 years. Resins should be tested and then determined when it should be replaced.

Last resin change was in 1997.

Project Need and Impact

Resin is used to soften the water; it is the material in the softener tanks.

Related Costs and Future Funding Needs

Village of Sparta Capital Improvement Plan

Department: Public Works
Individual Project Description

Project Title:	DPW Building Study	Priority Rank (1-4):	1
Department/Fund:	Public Works	Funding Source:	General Fund
Total Cost: \$	\$2,000.00 – Total cost is shared between various funds		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	\$2,000.00	-	-	-	-	-

Description of Project, Project Need & Impact
<p>A study needs to be done on this older DPW building. There are many potential issues with the building including: foundation, electrical, plumbing, asbestos piping, broken windows, sewer issues, no engine exhaust venting, snow loading and roof drainage issues, inefficient heat and no AC, limited facilities for the amount of crew etc.</p> <p>Before fixing these issues, it would more effect to have a structural study done and determine if we need to spend money to fix the issues or to demo this building and have a new garage built to house both water and street crews.</p>

Project History (Is this replacing existing equipment?)
<p>This is an expense to determine how to proceed with the DPW building.</p>

Related Costs and Future Funding Needs
<p>Depends on what the study says. It will determine fixing vs. building a new facility.</p>

Village of Sparta Capital Improvement Plan
Water Department
 Individual Project Description

Project Title:	Water Reliability Study		Priority Rank (1-4):	1
Department/Fund:	Water	Funding Source:	Water Operating (591)	
Total Cost: \$	\$16,000.00			

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	\$16,000.00	-	-	-	-

Description of Project, Project Need & Impact

MDEQ requires that reliability studies be performed every five years. The last reliability study was done in 2015 by Michigan Rural Water for free. Although we received what was needed for State approval, with the Village growing it would be good to get an updated report with hydraulic modeling that is updated.

This study will include a hydraulic analysis of the water distribution, which the MDEQ also requires to be performed. Cost is based on the engineers estimate for the 2015 study, and increased modestly.

Project History (Is this replacing existing equipment?)

Last performed in 2015, and is required by the MDEQ every five years.

Related Costs and Future Funding Needs

The reliability study could determine there are additional improvements necessary in the Village water system.

Village of Sparta Capital Improvement Plan
Water Department
 Individual Project Description

Project Title:	S. Union St. Water Main Replacement	Priority Rank (1-4):	3
Department/Fund:	Water	Funding Source:	Water
Total Cost: \$	\$175,500.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	\$175,500.00	-	-	-

Description of Project, Project Need & Impact

There is roughly 1,200 feet of water main that needs to be replaced on S. Union Street from the front of Tesa Tape to E. Spartan Drive. This main is currently older cast iron and should be upgraded to ductile iron.

Project History (Is this replacing existing equipment?)

This project includes replacement of the main along with service lines and curb stop boxes.

Related Costs and Future Funding Needs

General Maintenance.

Village of Sparta Capital Improvement Plan
Water Department
 Individual Project Description

Project Title:	Replace Well 4 Raw Water Main	Priority Rank (1-4):	2
Department/Fund:	Water	Funding Source:	Water
Total Cost: \$	\$352,500.00 verbal estimate from engineer		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	\$352,500.00	-	-	-

Description of Project, Project Need & Impact

This water main is old Cast Iron and has issues in the past along with one main break. It's roughly 2400 feet from the well to the treatment plant. Currently it is a 10-inch main and should be upgraded to at least a 12 inch or preferably a 16-inch ductile water main. If this main ever fails, it would be detrimental to the Village water system. Both Well #4 and #5 use this raw water line to the water plant. This is also on the list of water mains to replace in the reliability study from the engineers.

Project History (Is this replacing existing equipment?)

This would be replacing the main from the well to the treatment plant.

Related Costs and Future Funding Needs

Village of Sparta Capital Improvement Plan
Water Department
 Individual Project Description

Project Title:	Replace Water Main (Clark & Edward St.)	Priority Rank (1-4):	2
Department/Fund:	Water	Funding Source:	Water
Total Cost: \$	Verbal estimate from engineer \$102,300.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	\$102,300.00	-	-

Description of Project, Project Need & Impact

This water main is old Cast Iron and has issues in the past along with one main break. It's roughly 1350 feet from South Union along Clark and Edward and connecting to 12 Mile Road. Currently it is a 4-inch main and should be upgraded to at least an 8-inch ductile water main.

Project History (Is this replacing existing equipment?)

This would be replacement from the South Union to 12 Mile Rd.

Related Costs and Future Funding Needs
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Village of Sparta Capital Improvement Plan
Water Department
 Individual Project Description

Project Title:	Loop Nelson Street Watermain	Priority Rank (1-4):	2
Department/Fund:	Water	Funding Source:	Water Capital (593)
Total Cost: \$	Verbal estimate from engineer \$102,300.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	\$100,000.00+	-	-

Description of Project, Project Need & Impact

This project was identified on the Village’s previous Water Reliability Study. Looping of the water main(s) would eliminate dead-ends within the system and improve water quality.

Project History (Is this replacing existing equipment?)

This would be a new water main installation

Related Costs and Future Funding Needs
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Preventative maintenance

Village of Sparta Capital Improvement Plan
Water Department
 Individual Project Description

Project Title:	Water Main Loop Martindale to 12 Mile	Priority Rank (1-4):	3
Department/Fund:	Water	Funding Source:	Water Capital (593)
Total Cost: \$	\$600,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	-	-	\$600,000.00

Description of Project, Project Need & Impact

Water Main should be looped from 12-mile road to existing 6-inch on Martindale. All of Atkinson, Mazie Lane, Tentree, Bob's Parkway, Martindale to East Gardner to the Sewer Plant and Blake Street are tied into the corner of Martindale and East Gardner. This is the only feed to all these residents. I believe we can install this water main in house with our own equipment possibly hiring out the low area where standing water exists. This area will have to be dewatered and water main must be wrapped.

Project History (Is this replacing existing equipment?)

No, this is a new project.

Related Costs and Future Funding Needs

Engineer costs

Village of Sparta Capital Improvement Plan
Water Department
 Individual Project Description

Project Title:	Replace 2015 Water Truck	Priority Rank (1-4):	3
Department/Fund:	Water	Funding Source:	Water Capital (593)
Total Cost: \$	\$40,000.00		

FY Year	2021	2022	2023	2024	2025	2026
Est. Cost	-	-	-	-	-	\$40,000.00

Description of Project, Project Need & Impact

Cost is for replacing the 2015 Chevy ½ ton pickup. Based on estimates for the newer water truck, the additional cost is for the truck topper. This truck does not need to be replaced but wanted to show the future cost if needed. In 2026 it will be 11 years old.

Estimated costs are \$30,000 for the truck and \$5,000 for the truck topper, traffic safety lighting, etc. Vehicle price is based on state bid and a projection to 2026 for future inflation cost.

Project History (Is this replacing existing equipment?)

This would be a future replacement.

Related Costs and Future Funding Needs

Preventative maintenance.

Village of Sparta Fleet Inventory List
(As of November 2019)

#	Make & Model	Location	Current Mileage/Hours	Use in Last Year	Description	Condition	Years of Service Left
1	2015 Chevy Silverado	Water	13,153 mi	2,331 mi	Truck	Good	4-6
2	2000 Chevy	DPW	66,866 mi	2,753 mi	Truck	Fair/Poor	3
3	2001 Sterling	DPW	54,594 mi 5,311 hr.	931 mi 114 hr.	Dump Truck	Fair	2-4
4	2018 Chevy Silverado	Water	14,117 mi	5,281 mi	Truck	Excellent	6+
5	2003 Ford F-150	Misc.	68,770 mi	2,387 mi	Truck	Poor	1-3
6	2004 Ford 1 Ton	DPW	51,362 mi 5,376 hr.	1,399 mi 356 hr.	Dump Truck	Fair	3-5
7	2011 ¾ Ton Pickup	DPW	53,847 mi	3,797 mi	Ford Pickup	Fair	3-5
8	2005 Sterling	DPW	36,521 mi 3,052 hr.	766 mi. 92 hr.	Dump Truck	Fair	3-5
9	2015 International	DPW	12,564 mi 948 hr.	1,735 mi 124 hr.	Dump Truck	Good	4-6
10	2009 Leaf Vac	DPW	N/A	N/A	Leaf Pickup	Good	4-6
11	2007 Kubota Tractor	DPW	1,899 hr.	24 hr.	Mower/Blower	Poor	1-3
12	2017 Brush Chipper	DPW	228 hr.	94 hr.	Brush Chipper	Excellent	6+
13	2007 Backhoe	DPW	2,759 hr.	184 hr.	Backhoe/Loader	Good	3-5
14	Toro 4100D	DPW	1,689 hr.	154 hr.	Mower	Excellent	6+
15	2013 John Deere	Airport	975.7 hr.	105.7 hr.	Mower	Excellent	6+
16	2016 Ex-Mark mower	Airport	400.6 hr.	130.6 hr.	Mower	Excellent	6+
17	2016 Terex R190T	DPW	410 hr.	98 hr.	Track Loader	Excellent	6+
18	Toro 767 ZT Mower	DPW	240 hr.	55 hr.	Mower	Excellent	6+
19	Toro Workman DMX	DPW	162 hr.	107 hr	Utility Vehicle	Excellent	6+
20	2020 Chevy Tahoe	Police	17,258 mi	N/A	Chevy Tahoe	Excellent	6+
21	2019 Chevy Tahoe	Police	83,381 mi	48,468 mi	Chevy Tahoe	Excellent	6+
22	2009 Crown Vic	Police	111,265 mi	1,097 mi	Crown Victoria	Fair	2
23	2008 Police Cruiser	Police	Broken Gage	N/A	Unmarked Car	Fair	2-4
24	2017 Ford F-250 XL	DPW	11,285 mi	5,821 mi	2017 Ford F-250	Excellent	6+
25	2011 Crown Vic	Airport	N/A	N/A	Courtesy Car	Fair	2
26	2016 Ford Cruiser	Airport	122,444 mi	5,791 mi	Courtesy Car	Fair	3-5
27	2021 Chevy Silverado	Airport	296 mi.	N/A	Truck	Excellent	6+

**Village of Sparta
Fleet Inventory List
November 2019**



1 – 2015 Chevy Silverado
Department: Water
Miles: 13,153
Miles in Last Year: 2,331
Condition: Good



2 – 2000 Chevy ¾ Ton Pickup Truck
Department: DPW
Miles: 66,866
Miles in Last Year: 2,753
Condition: Fair/Poor



3 – Sterling Dump Truck (2001)
Department: DPW
Miles: 54,594 miles Hours: 5,311
Miles in Last Year: 560 Hours in Last Year: 114
Condition: Fair

**Village of Sparta
Fleet Inventory List
November 2019**



4 – Chevy Silverado Pickup Truck 4x4 (2018)
Department: Water
Miles: 14,117
Miles in Last Year: 5,281
Condition: Excellent



5 – Ford F-150 Pickup Truck (2003)
Department: Water
Miles: 68,770
Miles in Last Year: 2,387
Condition: Poor



6 – Ford Super Duty 1 Ton Dump Truck (2004)
Department: DPW
Miles: 51,362 Hours: 5,376
Miles in Last Year: 1,399 Hours in Last Year: 356
Condition: Fair



7 – ¾ Ton Pickup Truck (2011)
Department: DPW
Miles: 53,847
Miles in Last Year: 3,797
Condition: Fair

**Village of Sparta
Fleet Inventory List
November 2019**



8 – Sterling Dump Truck (2005)
Department: DPW
Miles: 36,521 Hours: 3,052
Miles in Last Year: 766 Hours in Last Year: 92
Condition: Fair



9 – International Dump Truck (2015)
Department: DPW
Miles: 12,564 Hours: 948
Miles in Last Year: 1,735 Hours in Last Year: 124
Condition: Good



10 –Leaf Vac (2009)
Department: DPW
Hours: N/A
Condition: Good



11 – Kubota Mower/Blower (2007)
Department: DPW
Hours: 1,899 Hours in Last Year: 24
Condition: Poor

**Village of Sparta
Fleet Inventory List
November 2019**



12 – Brush Chipper (2017)
Department: DPW
Hours: 228
Hours in Last Year: 94
Condition: Excellent



13 – Loader/Backhoe (2007)
Department: DPW
Hours: 2,759
Hours in Last Year: 184
Condition: Good



14 – Toro Mower 455D (2012)
Department: Public Works
Hours: 1,689 Hours in Last Year: 154
Condition: Excellent



15 – John Deere 5101E (2013)
Department: Airport
Hours: 870 Hours in Last Year: 75
Condition: Excellent

Village of Sparta
Fleet Inventory List
November 2019



16 – Ex Mark Zero Turn Mower
Department: Airport
Hours: 270 Hours in Last Year: 68
Condition: Excellent



17 – Terex R190T (2016)
Department: Public Works
Hours: 410 Hours in Last Year: 98
Condition: Excellent



18 – Toro 767 ZT Mower (2017)
Department: DPW
Hours: 240
Hours in Last Year: 55
Condition: Excellent



19 – Toro Workman (DMX)
Department: DPW/DDA
Hours: 162
Miles in Last Year: 107
Condition: Excellent

**Village of Sparta
Fleet Inventory List
November 2019**



20 – Chevrolet Tahoe (2020)
Department: Police
Miles: 17,258
Miles in Last Year: N/A
Condition: Excellent



21 – Chevrolet Tahoe (2019)
Department: Police
Miles: 83,381
Miles in Last Year: 48,468
Condition: Excellent



22 – Ford Crown Victoria Cruiser (2009)
Department: Police
Miles: 108,647
Miles in Last Year: 776
Condition: Fair

**Village of Sparta
Fleet Inventory List
November 2019**



23 – Ford Crown Victoria Cruiser (2008)
Department: Police
Miles: Broken Gage
Miles in Last Year: N/A
Condition: Fair



24 – Ford F-250 XL (2017)
Department: DPW
Miles: 11,285
Miles in Last Year: 5,821
Condition: Excellent



25 – Ford Crown Victoria (2011)
Department: Airport
Miles: N/A
Miles in Last Year: N/A
Condition: Fair



26 – Ford Taurus Cruiser (2016)
Department: Airport
Miles: 122,444
Miles in Last Year: 5,791
Condition: Fair

27 – Chevrolet Silverado
Department: Airport
Miles: 296
Miles in Last Tear: N/A
Condition: Excellent