



City of
Jonesville

Capital Improvement Plan

Fiscal Years 2022-23 through 2027-28



Adopted: June 15, 2022

City of Jonesville

Capital Improvement Plan 2022-23 through 2027-28

Overview

The Capital Improvement Plan (CIP) is a six-year schedule of all proposed major capital improvement projects including project priorities, cost estimates, methods of financing, and annual estimated operating and maintenance costs for the proposed projects. The CIP, therefore, is a tool to assess the long-term capital project requirements for Jonesville. Since capital improvements are spread across many community needs (fire protection, police, sewer and water, parks and recreation, municipal administration, etc.) the CIP helps to prioritize these projects across the City over time.

Capital Improvement Projects

Capital improvements are major, infrequent expenditures, such as construction of a new facility, a major rehabilitation or repair to an existing facility, or the purchase of major equipment. Capital improvements are non-recurring expenditures that tend to be both large in physical size and cost, and have a longer useful life. Examples of capital projects include:

- Construction of a new City building
- Major road construction, such as bridge replacement or repaving
- Extension of a sewer and/or water line
- Purchase of a new fire truck
- Major repairs and/or renovations to the City Hall or Police Station
- Creation of a new park

The following projects are examples of expenditures that would be categorized as operating expenses, and would not usually constitute a capital improvement project:

- Purchase of new office furniture
- Purchase of new/used small equipment (lawn mowers, copiers, individual computers, etc.)
- Recurring maintenance of existing facilities
- Minor repairs to buildings or equipment
- Minor improvements to existing buildings (carpeting, painting, fixtures, etc.)

Major Expenditures

The term “major expenditure” is relative – what is major to Jonesville may be minor in another community. A capital improvement for the purposes of the Jonesville CIP is a major, non-recurring expenditure if it meets one or more of the following criteria:

- Any acquisition of land for a public purpose which costs \$5,000 or more.
- Any construction of a new facility (City building, water or sewer lines, parks), or any addition to an existing public facility, the cost of which equals \$5,000 or more and has a useful life of five or more years.

- A non-recurring rehabilitation (not including annual/recurring maintenance) of a building, its grounds, a facility or equipment, the cost of said rehabilitation being \$5,000 or more with a useful life of five or more years.
- Purchase of major equipment which, individually or in total, cost \$5,000 or more with a useful life of five or more years.
- Planning, feasibility, engineering or design studies related to an individual capital improvement project with a cost of \$5,000 or more.

Benefits

Completion of a six-year Capital Improvement Plan is a requirement of the Michigan Planning Enabling Act (Public Act 33 of 2008). Beyond meeting the State law, adoption of a CIP is beneficial to elected officials, administrative staff and the general public. Among the benefits of an adopted and well-maintained Capital Improvement Plan are:

- Prudent use of taxpayer dollars;
- Focusing expenditures on the needs of the community;
- Prioritizing projects across the needs of the community;
- Generating community support by inviting public input;
- Promoting economic development;
- Improving eligibility for State and Federal grants;
- Providing an implementation tool for the goals and objectives of the Master Plan;
- Transparency in identification of high-priority projects;
- Coordination/cost-sharing between projects.

Each year the Capital Improvement Plan will be revised for the next fiscal year. At the end of each fiscal year, the projects completed during that year are removed from the plan and an additional year's projects are added. Projects can then be adjusted in priority to reflect actual resources available. As the CIP is annually updated, a continuous relationship will be maintained between the CIP and the annual budget.

General Fund Department projects begin on page 4. Streets and Public Works Departments begin on page 17. LDFA and DDA projects begin on page 25. Water and Waste Water Department projects begin on page 29.

THE FOLLOWING CODES ARE USED THROUGHOUT THE DOCUMENT TO INDICATE THE SOURCE OF
FUNDING FOR THE PROPOSED PROJECTS

DDA – Downtown Development Authority

DO – Donations

FG – Federal Grant

GF – General Fund

GO – General Obligation Bonds

LDFA – Local Development Finance Authority

LS – Local Street Fund

LG – Local Grant

MS – Major Street Fund

MVP – Motor Vehicle Pool

PD – Private Developer

SA – Special Assessment

SF – Sewer Fund

SG – State Grant

SH – State Highway Fund

SM – Special Millage

WF – Water Fund

City of Jonesville
Capital Improvement Plan
EXECUTIVE SUMMARY – GENERAL FUND DEPARTMENTS

2022-2023 Fiscal Year		
Project	Cost	Funding Source
Computer Hardware Upgrades	\$12,000	GF
City Hall Maint. and Improvements	\$285,000	GF
City Hall Furniture and Security	\$26,000	GF
Cemetery Projects	\$17,000	GF
Motor Vehicle Rescue Equipment	\$20,000	GF
Public Safety Facilities Maintenance	\$45,000	GF
Parks Improvements	\$21,550	GF/SG

2023-2024 Fiscal Year		
Project	Cost	Funding Source
Computer Hardware Upgrades	\$10,000	GF
Cemetery Projects	\$12,000	GF
Fire Training Facility	\$60,000	GF
Parks Improvements	TBD	GF/SG

2024-2025 Fiscal Year		
Project	Cost	Funding Source
Computer Hardware Upgrades	\$8,000	GF
Cemetery Projects	\$12,000	GF
Police Patrol Vehicle Replacement	\$48,000	MVP/SG/FG
Engine 535 Pump Refurbishment	\$100,000	GF/MVP
Parks Improvements	TBD	GF/SG

2025-2026 Fiscal Year		
Project	Cost	Funding Source
Computer Hardware Upgrades	\$8,000	GF
Cemetery Projects	TBD	GF
Station Exhaust Removal System	\$75,000	GF
Parks Improvements	TBD	GF/SG

2026-2027 Fiscal Year		
Project	Cost	Funding Source
Computer Hardware Upgrades	\$8,000	GF
Cemetery Projects	\$2,000	GF

2027-2028 Fiscal Year		
Project	Cost	Funding Source
Computer Hardware Upgrades	\$8,000	GF
Cemetery Projects	\$2,000	GF

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Computer Hardware Upgrades		
Department	Computer	Funding Source	GF

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$12,000	\$10,000	\$8,000	\$8,000	\$8,000	\$8,000

Project Description and Location	
<p>This is an ongoing project to maintain workstation computers and network servers as the equipment ages and needs replacement.</p> <p>FY 2022-23 – \$12,000 – Replace four City Hall computer sand multi-function printer/copier; reutilize one City Hall workstation in the Fire Department.</p> <p>FY 2023-24 – \$10,000 – Evaluate and replace DPW, WWTP, Police desktop workstations for replacement, as needed.</p> <p>FY 2024-25 - \$8,000 – Evaluate BS&A and Cemetery software server and operating software.</p> <p>FY 2025-26 - \$8,000 – Evaluate PLC/SCADA computers, Police Department in-car computer, WWTP Laboratory workstation for replacement, as needed.</p> <p>FY 2026-27 - \$8,000 – Evaluate and update Council laptops, as needed.</p> <p>FY 2027-28 - \$8,000 – Evaluate and update desktop workstations, as needed.</p>	

Project Need and Impact
<p>Network and work station computers are critical to the ongoing operation and customer service within the organization. The priority of replacements will be evaluated annually. Staff will continue to evaluate cloud-based options as they become available and evaluate subscription costs as compared to maintenance of in-house hardware.</p>

Related Costs and Future Funding Needs
<p>There are increasing cloud-based software and data storage options. While these options present new operational costs, the operating cost is often less than locally owned hardware and software.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	City Hall Maintenance and Improvements		
Department	City Hall	Funding Source	GF

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$285,000	-	-	-	-	-

Project Description and Location
<p>A severe storm damaged City Hall in August of 2021. At the time of the preparation of the CIP, crews have replaced the roof, storm siren and completed demolition of water damage on the first floor. Eave boards have been custom milled and decorative corbels have been repaired and are being installed. Masonry repairs attributed to the storm will be completed following the eave repairs. Repairs to the first floor offices are beginning and expected to take several weeks. Costs associated with this work has been covered by the City’s liability insurance carrier.</p> <p>Masons have begun additional preventative maintenance on brick and mortar quoted at \$71,330. This work was approved by the City Council in April for the FY 2021-22 budget. It is expected that some of this work will carry over into the new fiscal year.</p> <p>Additional repair activity is expected to take place in the new fiscal year, as follows.</p> <p><u>Second and Third Floor Repairs</u> – Both floors experienced water damage. Insurance is evaluating the \$285,000 estimate for repairs. Council has appointed a committee to consider the appropriate extent of work and best utilization of the space. Final costs associated with committee recommendations will be developed during the fiscal year.</p>

Project Need and Impact
<p>Proper repair and upkeep of the facility will allow its continued use for years to come. In addition, review will assure that the facility is being utilized to its potential.</p>

Related Costs and Future Funding Needs
<p>Maintenance and upkeep of this historic building will have continued costs over time.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	City Hall Furniture and Security		
Department	City Hall	Funding Source	GF

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$26,000	-	-	-	-	-

Project Description and Location	
<p>Once the City is able to resume operations at the City Hall building, the following furniture and security improvements would be implemented in FY 2022-23:</p> <p>Council Furniture - \$20,000 – Modular furniture for the Council chambers to improve flexibility of the use of that space.</p> <p>Plexiglass Barriers - \$5,000 – Permanent plexiglass screens would be installed around the front office work stations. These would provide health benefits during cold and flu season and sound privacy for work tasks.</p> <p>Security Cameras - \$6,000 – Interior and exterior cameras would be installed for security of the building and Carl Fast Park.</p>	

Project Need and Impact
<p>These changes will improve the functionality and safety of the building and park.</p>

Related Costs and Future Funding Needs
<p>There will be eventual replacement costs. The furniture will have a life of at least 10 years. Camera technology is constantly changing and will have a shorter 5-10 year life.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Cemetery Projects		
Department	Cemetery	Funding Source	GF

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$17,000	\$12,000	\$12,000	TBD	\$2,000	\$2,000

Project Description and Location
<p>It is anticipated that several one-time capital projects will be undertaken over the next several years to contribute to the professional operation and appearance of the Sunset View Cemetery. The following is a list of projects and estimated costs prioritized by the Cemetery Committee.</p> <p>FY 2022-23 – \$17,000 - Future expansion planning, historic monument repair FY 2023-24 – \$12,000 - Reserve funding for future expansion, historic monument repair FY 2024-25 – \$12,000 – Reserve funding for future expansion, historic monument repair FY 2025-26 – TBD – Cemetery expansion FY 2026-27 – \$2,000 – Historic monument repair FY 2027-28 – \$2,000 – Historic monument repair</p>

Project Need and Impact
<p>The Cemetery Committee will review the project list annually and update as needs change and conditions warrant. Funding for the projects is intended to come from the allocated assets that were transferred with City incorporation. These projects are intended to assure the professional operation and appearance of the Cemetery.</p>

Related Costs and Future Funding Needs
<p>There will be ongoing maintenance costs as these improvements are completed. Costs will be evaluated as projects are executed.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Motor Vehicle Rescue Equipment				
Department	Fire	Funding Source	GF/MVP/FG		

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$20,000	-	-	-	-	-

Project Description and Location
<p>Life safety of everyone on scene of a vehicle collision is the Department’s utmost goal. The department has relied on homemade wooden cribbing blocks for decades which work great in most cases but not all. In cases where a vehicle has rolled over, possibly landing on its side stabilization bars are needed to secure it in an upright position during the rescue.</p> <p>A battery-operated ram would complement the jaws equipment that was purchased several years ago and allow the Department to transition away from aging and heavier hydraulic equipment.</p>

Project Need and Impact
<p>Vehicle accidents make up approximately fifty percent of calls for service. An increased number of these calls require the vehicle’s to be stabilized before the occupants can be removed.</p>

Related Costs and Future Funding Needs
<p>Trade in of one set of hydraulic equipment will be explored to offset purchase costs.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Public Safety Facilities Maintenance		
Department	Police and Fire	Funding Source	GF

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$45,000	-	-	-	-	-

Project Description and Location
<p>Replace Police Department Roof - \$20,000 – Complete replacement of the asphalt shingle roof on the Police Department.</p> <p>Police and Fire Department Parking Lot – \$25,000 – Putting a layer of chip seal and slurry seal over the chip seal over the parking lot at the Police and Fire Departments.</p>

Project Need and Impact
<p>The roof replacement would address some leaking and the age of the roof.</p> <p>The parking lot took significant freeze-thaw damage through the winter and needs more than just sealing. The chip and slurry seal would create a smooth wear layer.</p>

Related Costs and Future Funding Needs
<p>Roof repairs should have at least a 20-year life.</p> <p>The chip and slurry seal would be less costly than a mill and fill and would last around 7 years. Parking areas would be re-stripped.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Parks Improvements		
Department	Parks	Funding Source	GF/SG

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$21,550	TBD	TBD	TBD	-	-

Project Description and Location
<p>Prior years Capital Improvement Plans called for the resurfacing of the tennis courts at the Wright Street Park during the 2016-17 fiscal year. However, the Recreation Master Plan indicates that upgrades and improvement to existing parks, including playground equipment, placement of a dog park, additional ball fields, and walking/ biking paths rank higher community priorities.</p> <p>In FY 2022-23, the Wright Street Park tennis courts would be removed (\$8,500). Also, updates to the Recreation Master Plan have been carried over into the fiscal year (\$7,000); public input would be taken on concept plans for future improvements and cost estimates developed so that future project phasing can be determined. Also, the Russell Trail is in need of crackfilling and sealcoating (\$6,050) to extend the life of the pavement.</p>

Project Need and Impact
<p>The tennis courts are beyond their useful life and have been underutilized. Removal of the courts will allow the space to be repurposed. Public input on park concept plans will provide for the coordinated development of future improvements at the parks. Trail preventative maintenance assures that the trails remain functional and free of hazards for all users.</p>

Related Costs and Future Funding Needs
<p>There will be implementation cost associated with future construction and upgrades at the parks. Improvements will also require future maintenance. These costs will be evaluated through the development of the concept plan. It is possible that phases of construction and preventative maintenance projects will be paid through fund balance, State grants, or a combination of the two.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Fire Training Facility		
Department	Fire	Funding Source	GF

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	-	\$60,000	-	-	-	-

Project Description and Location
<p>A fire training facility would allow for all fire related activities to be conducted without the need of an outside vendor. It would be a multi-level structure where suppression evolutions will be honed. Members would also be able to maximize perishable skills such as rescue and evacuation evolutions in a safe controlled setting.</p>

Project Need and Impact
<p>This facility would benefit all of the fire departments within this county and be a primary training source for new recruits attending the county wide fire academy.</p>

Related Costs and Future Funding Needs
<p>This facility has the potential to be a future revenue source.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Police Patrol Vehicle Replacement		
Department	Police Department	Funding Source	MVP/FG/SG

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	-	-	\$48,000	-	-	-

-Project Description and Location
<p>Transfer/Vehicle Reserve 301-967.000</p> <p>Recurring cost to replace (1) of (2) police patrol vehicles on a 5-year rotating replacement plan. 2019 Utility to be replaced in 2024-25 budget year.</p> <p>Costs to include vehicle purchase and installation of necessary equipment. Vehicle costs are anticipated to increase due to manufacturer changes in the design of the vehicle. The estimate assumes that new vehicle equipment will be needed as a result of the re-design.</p>

Project Need and Impact
<p>Necessary equipment to provide basic police service.</p>

Related Costs and Future Funding Needs
<p>Annual transfer is made to the motor vehicle pool to address the anticipated cost. The current fiscal year budget reflects a change in the annual vehicle reserve, due to the expected increase in vehicle cost.</p> <p>Federal or State grants to be applied for as available to decrease cost to purchase and equip the vehicle.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	535 Pump Refurbishment		
Department	Fire	Funding Source	GF/MVP

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	-	-	\$100,000	-	-	-

Project Description and Location
<p>Engine 535 will be twenty years old and the truck pump should be refurbished so it continues to service the community for several more years without any issues. The pump is torn down, examined and re-built replacing all worn parts.</p>

Project Need and Impact
<p>Due to this engine being our primary unit it should be refurbished. A typical refurbish time takes months to complete correctly.</p>

Related Costs and Future Funding Needs
<p>Refurbishment is a lesser cost than replacement.</p>

City of Jonesville
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 PROJECT DESCRIPTION

Project Title	Vehicle Exhaust Removal System				
Department	Fire	Funding Source	GF		

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	-	-	-	\$75,000	-	-

Project Description and Location
Purchase and have professionally installed a vehicle exhaust removal system at the station.

Project Need and Impact
Installation of these systems in existing facilities reduces exposure to vehicle exhaust by Department personnel and others.

Related Costs and Future Funding Needs

**City of Jonesville
Capital Improvement Plan**

EXECUTIVE SUMMARY – STREET AND PUBLIC WORKS DEPARTMENTS

2022-2023 Fiscal Year		
Project	Cost	Funding Source
Street Reconstruction – West Street	\$841,000	LS
Street Maint. – Chip and Fog Seal	\$49,000	LS/MS
Crack Fill – Major and Local Streets	\$14,000	LS/MS/LDFA
Sidewalk Repair/Extensions/ADA Ramps	\$10,000	GF/LS/MS

2023-2024 Fiscal Year		
Project	Cost	Funding Source
Street Maint. – Chip and Fog Seal	TBD	MS/LS
Crack Fill – Major and Local Streets	\$14,000	LS/MS/LDFA
Sidewalk Repair/Extensions/ADA Ramps	\$10,000	GF/LS/MS
Replace 2009 Pickup & Plow	\$60,000	MVP

2024-2025 Fiscal Year		
Project	Cost	Funding Source
Street Maint. – Chip and Fog Seal	TBD	MS/LS
Crack Fill – Major & Local Streets	\$14,000	LS/MS/LDFA
Sidewalk Repair/Extensions/ADA Ramps	\$10,000	GF/LS/MS
Replace Backhoe	TBD	MVP

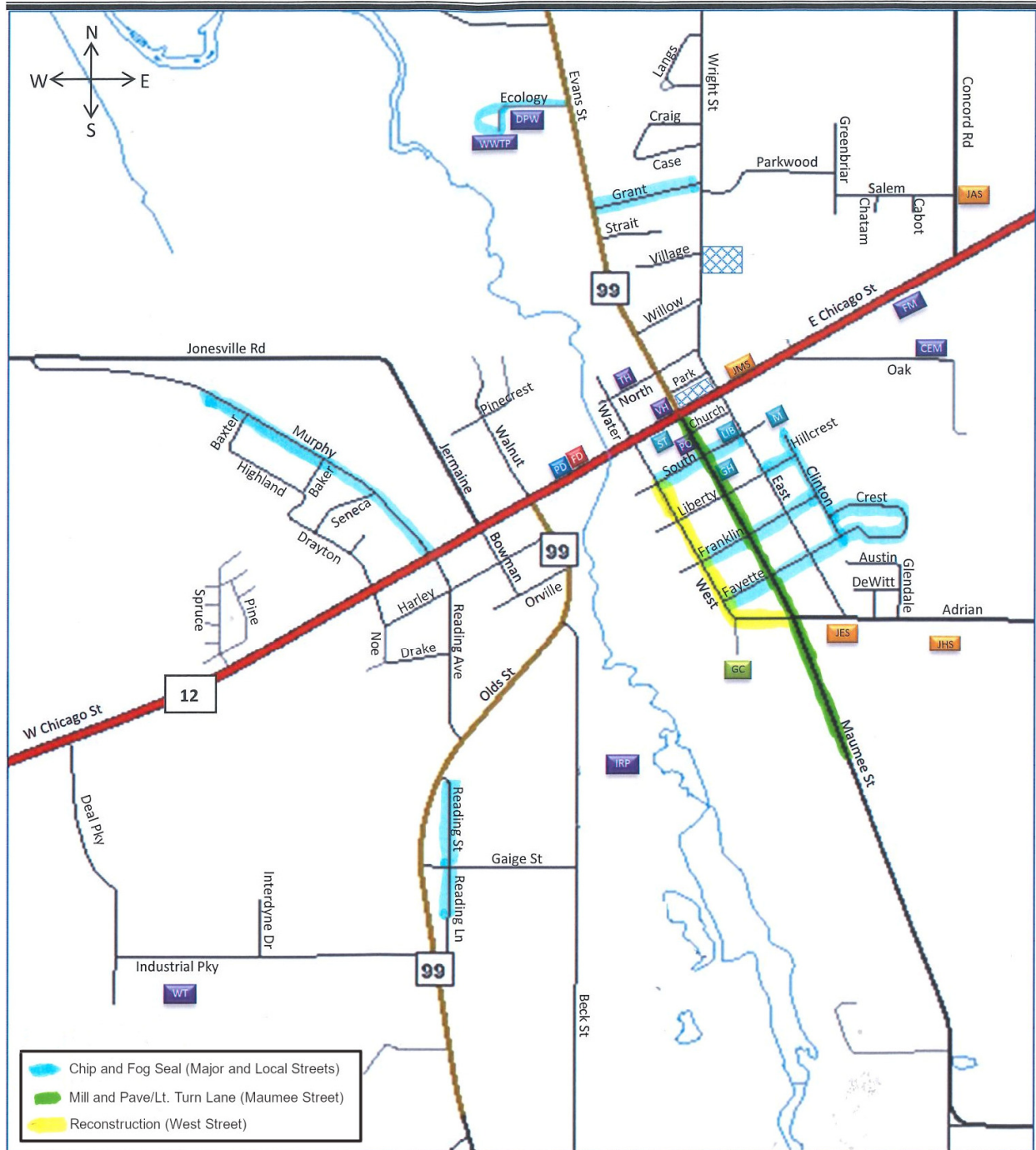
2025-2026 Fiscal Year		
Project	Cost	Funding Source
Street Maint. – Chip and Fog Seal	TBD	MS/LS
Crack Fill – Major & Local Streets	\$14,000	LS/MS/LDFA
Sidewalk Repair/Extensions/ADA Ramps	\$10,000	GF/LS/MS
Replace 2010 Dump Truck	\$150,000	MVP/SG

2026-2027 Fiscal Year		
Project	Cost	Funding Source
Street Maint. – Chip and Fog Seal	TBD	MS/LS
Crack Fill – Major and Local Streets	\$14,000	MS/LS
Sidewalk Repair/Extensions/ADA Ramps	\$10,000	GF/LS/MS

2027-2028 Fiscal Year		
Project	Cost	Funding Source
Street Maint. – Chip and Fog Seal	TBD	MS/LS
Crack Fill – Major and Local Streets	\$14,000	LS/MS/LDFA
Sidewalk Repair/Extensions/ADA Ramps	\$10,000	GF/LS/MS

CITY OF JONESVILLE

FY2022-23 Street Projects



- Department of Public Works DPW
- Fayette Township Hall TH
- Freedom Memorial FM
- Grosvenor House GH
- Iron Removal Plant IRP
- Jonesville Alternative School JAS
- Jonesville (Williams) Elementary School JES

- Jonesville Fire Department FD
- Jonesville High School JHS
- Jonesville Middle School JMS
- Jonesville Police Department PD
- Jonesville Public Library LIB
- Jonesville City Hall CH
- The Manor M

- Mill Race Golf Course GC
- Post Office PO
- Public Park PP
- Sauk Theatre ST
- Sunset View Cemetery CEM
- Waste Water Treatment Plant WWTP
- Water Tower WT

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Reconstruct West Street		
Department	Local Streets	Funding Source	LS/SG

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$841,000	-	-	-	-	-

Project Description and Location
<p>FY 2022-2023 – Reconstruct West Street from South Street to Adrian Street, Adrian Street from West Street to Maumee Street, abandoning existing 4” water main and reconnecting all water services to the existing 12” water main and fire hydrants. This will also include new water services installed into residents’ houses per Michigan Department of Environment, Great Lakes and Energy (EGLE) Lead and Copper Rule. Sidewalk and ADA ramps included. This project has been planned as a financed project to begin after final payment on the East Street reconstruction bond in 2023. (This is an estimated price)</p> <p>Staff and our engineer will take advantage of any grant opportunities that come up to offset costs associated with this project.</p>

Project Need and Impact
<p>These projects are needed to keep our infrastructure current and well maintained.</p>

Related Costs and Future Funding Needs
<p>These projects will be reviewed on an annual basis to determine schedule and whether there are additional needs that come up based on availability of funds. ADA sidewalk ramps must be installed anytime construction is done on any streets if there is sidewalk along them.</p>

City of Jonesville
Capital Improvement Plan
PROJECT DESCRIPTION

Project Title	Chip Seal and Fog Seal		
Department	Major and Local Streets	Funding Source	MS/LS

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$49,000	TBD	TBD	TBD	TBD	TBD

Project Description and Location
<p>In order to save on material costs, chip and fog seal projects from FY 2021-22 and 2022-23 will take place near the transition of the fiscal year to take advantage of funds budgeted in both years. FY 2021-22 projects to be completed at the writing of this CIP are Ecology Dr. (\$9,100); Major Streets (\$41,000) South St., Murphy St., and Reading St.; and Local Street (\$3,100) Reading Ln.</p> <p>FY2022-23 – Chip sealing and fog sealing Local Streets (\$49,000): Fayette, Franklin, Clinton, Liberty, Grant Streets, Crest Ln. and Hillcrest Ct.</p> <p>Future projects will be evaluated on an annual basis and will include both Major and Local Streets.</p>

Project Need and Impact
<p>Chip and fog sealing is a preventative maintenance treatment that puts a thin wear layer on top of existing asphalt. The treatment extends the life of the asphalt, delaying the need for more costly milling and paving repairs. These projects are needed to keep our infrastructure current and well maintained.</p>

Related Costs and Future Funding Needs
<p>These projects will be reviewed on an annual basis to determine and whether there are additional needs that come up based on availability of funds.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Crack Filling Major and Local Streets		
Department	Major and Local Streets	Funding Source	MS/LS

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000	\$14,000

Project Description and Location
Crack Filling Major and Local Streets.

Project Need and Impact
This is a Preventive Maintenance Project that has been in place for many years to keep the Streets preserved. Without this the freeze/thaw cycle of water in the pavement can deteriorate the road surface and/or the road base, leading to a much more expensive repair.

Related Costs and Future Funding Needs
This is a yearly project.

City of Jonesville
Capital Improvement Plan
PROJECT DESCRIPTION

Project Title	Sidewalk Repair/Extensions/ADA Ramps		
Department	Sidewalks	Funding Source	GF/MS/LS

Fiscal Year	2122-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000

Project Description and Location
<p>This project involves improving sidewalk ramps where they approach public streets over time so that they comply with current standards of the Americans with Disabilities Act (ADA) for ramp slope and installation of detectable warnings. This item would also permit the extension of new sidewalk along streets where they are not currently installed. Prior to construction, intersection and optional extension location will be identified and prioritized. This item includes repair of sidewalk sections that present unsafe conditions, as well.</p> <p>The \$10,000 cost estimate would generally cover upgrades to the ramps on each corner of a street or the extension of sidewalks along one side of a typical city block.</p>

Project Need and Impact
<p>The upgrade and extension of the sidewalk system is a component of assuring a safe and walkable community. A complete sidewalk network increases access to schools, businesses, and neighborhoods, as well as active recreation opportunities.</p>

Related Costs and Future Funding Needs
<p>New sidewalks will require periodic maintenance to address cracks and heaving. Actual annual cost will be reviewed in future year plans when priorities are identified.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Replace Street Department Vehicles and Equipment		
Department	Major and Local Streets	Funding Source	MVP

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	-	\$60,000	TBD	\$150,000	-	-

Project Description and Location
<p>2023-24 – Replace 2009 Pickup and Plow. This pickup is used almost daily. It will be due for replacement due to usage and salt exposure.</p> <p>2024-25 – Replace Backhoe. The backhoe is reaching its useful life and will be due for replacement. The cost of replacement is to be determined.</p> <p>2025-26 – Replace 2010 Dump Truck. The truck will be outfit to match the other trucks. The City is currently on a 15-year replacement program for these vehicles. The purchase price of the outfitted vehicle in 2021 was just over \$140,000</p>

Project Need and Impact
<p>It is critical that vehicles and equipment be replaced as needed to assure that daily and seasonal work can be completed with reliable equipment.</p>

Related Costs and Future Funding Needs
<p>Reserved funds have been set aside over the years for this purchase from the Motor Vehicle Pool. It is recommended that funds continue to be set aside to keep equipment current. Larger purchases like the dump truck will need to be offset with grant opportunities.</p>

**City of Jonesville
Capital Improvement Plan**

EXECUTIVE SUMMARY – DOWNTOWN DEVELOPMENT AUTHORITY AND
LOCAL DEVELOPMENT FINANCE AUTHORITY

2022-2023 Fiscal Year		
Project	Cost	Funding Source
Chicago St. Riverfront Redevelopment	TBD	DDA/FG/SG
DDA Capital Projects	\$650,000	DDA/FG/SG

2023-2024 Fiscal Year		
Project	Cost	Funding Source
DDA Capital Projects	-	DDA/FG/SG

2024-2025 Fiscal Year		
Project	Cost	Funding Source
DDA Capital Projects	\$25,000	DDA/FG/SG

2025-2026 Fiscal Year		
Project	Cost	Funding Source
DDA Capital Projects	TBD	DDA/FG/SG

2026-2027 Fiscal Year		
Project	Cost	Funding Source
DDA Capital Projects	TBD	DDA/FG/SG

2027-2028 Fiscal Year		
Project	Cost	Funding Source
Gaige St./Reading Ln. Traffic Circulation	\$45,000	LDFA/FG/SG

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Chicago Street Riverfront Redevelopment		
Department	Downtown Dev. Auth.	Funding Source	DDA/FG/SG

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	TBD	-	-	-	-	-

Project Description and Location
<p>Redevelopment of the former Klein Tool building has been identified in the City’s Master Plan as the top community priority. The City has entered into a six-month option with a local development company to allow due diligence and studies to prepare a complete redevelopment concept for the property.</p> <p>The preliminary project proposal calls for exploring the feasibility of creating retail space compatible with the Downtown and market rate housing.</p> <p>It is anticipated that the DDA may offer financial assistance for the redevelopment to leverage Federal, State, and other funding to accomplish the reuse of the building.</p> <p>Costs will be known when a potential development is identified.</p>

Project Need and Impact
<p>The project is needed to add tax base and/or new jobs in the Downtown. It will also bring the building back into productive use and end its deterioration.</p>

Related Costs and Future Funding Needs
<p>There may be public infrastructure or other investments needed to support the new development. The creation of jobs and tax base will add to the economic welfare of the Downtown and City.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	DDA Capital Projects		
Department	Downtown Dev. Auth.	Funding Source	DDA/FG/SG

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$650,000	-	\$25,000	TBD	TBD	-

Project Description and Location
<p>The Downtown Development Authority supports certain capital projects that enhance the Downtown and encourage private economic investment. The following is a list of projects that are anticipated over the next several years.</p> <p>FY 2022-23 and FY 2023-24 - \$650,000 – US-12/Chicago Street streetscape (\$455,000) and South Parking Lot (\$195,000) financing bidding and construction FY 2024-25 – \$25,000 – Downtown wayfinding signs; may be executed with the streetscape projects FY 2025-26 – TBD – North Parking Lot surfacing FY 2026-27 – TBD – Design of M-99/Olds St. streetscape enhancements (timing subject to MDOT plans for M-99 and availability of grant funds)</p>

Project Need and Impact
<p>These projects are intended to promote private investment and improved property values in the Downtown district. The project list will be reviewed on an annual basis and updated as needs change and conditions warrant.</p>

Related Costs and Future Funding Needs
<p>The streetscape improvements will have ongoing maintenance and upkeep costs. These costs are typically budgeted in the DDA annual operating budget.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Gaige St./Reading Ln. Traffic Circulation		
Department	Local Dev. Finance Auth.	Funding Source	L DFA/FG/SG

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	-	-	-	-	-	\$45,000

Project Description and Location

This project would address short-term traffic congestion issues that take place in the vicinity of Gaige Street and M-99 (Olds St.). City staff has been working with representatives of the Michigan Department of Transportation (MDOT), the Michigan Economic Development Corporation (MEDC) the Hillsdale County EDP, and business interests to explore options. A preliminary design and cost estimate for an extension of Reading Ln. was completed in 2017, with right-of-way secured as well. Anticipating additional engineering and study, the LDFA has budgeted \$45,000 to be used toward additional engineering and needed traffic studies.

The final design of feasible improvements has not been determined at this time.

Project Need and Impact

The project is needed to address traffic congestion and to improve traffic circulation in the vicinity of M-99 and Gaige Street. Schedule will depend upon business interest in the traffic and circulation changes. Engineering would determine an appropriate number of potential solutions that could be agreed to by the parties. State and Federal grant opportunities will be explored to offset project costs.

Related Costs and Future Funding Needs

Any new or expanded streets will have ongoing winter and preventative maintenance costs following construction.

**City of Jonesville
Capital Improvement Plan**

EXECUTIVE SUMMARY – WASTE WATER AND WATER DEPARTMENT PROJECTS

2022-2023 Fiscal Year		
Project	Cost	Funding Source
Inlet & Primary Tank Railings	\$12,000	SF
Trickling Filter Pumps	\$20,000	SF
Vactor 360 Plan	\$22,000	SF/WF
Water Reliability Study	\$12,000	WF
Water Service Replacements	\$112,000	WF/SG

2023-2024 Fiscal Year		
Project	Cost	Funding Source
Sewer Lining	\$125,000	SF
UV Disinfection System	\$120,000	SF
Digester Mixed Air Unit	\$30,000	SF
Outside Door Replacement	\$23,000	SF
Pickup Truck	\$40,000	MVP
Water Service Replacements	\$112,000	WF/SG

2024-2025 Fiscal Year		
Project	Cost	Funding Source
Sewer Lining	\$25,000	SF
High Service & Well Pump Repair	\$60,000	WF
Water Service Replacements	\$112,000	WF/SG

2025-2026 Fiscal Year		
Project	Cost	Funding Source
Sewer Lining	\$25,000	SF
Water Service Replacements	\$112,000	WF/SG

2026-2027 Fiscal Year		
Project	Cost	Funding Source
Sewer Lining	\$25,000	SF
Water Service Replacements	\$112,000	WF/SG

2027-2028 Fiscal Year		
Project	Cost	Funding Source
Sewer Lining	\$25,000	SF
Water Service Replacements	\$112,000	WF/SG

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Inlet & Primary Tank Railing Replacement		
Department	Wastewater	Funding Source	SF

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$12,000	-	-	-	-	-

Project Description and Location
Replacement of railing around the inlet and primary tank areas.

Project Need and Impact
The current steel railings were installed in the early 1970's. They are rusting at the base and present a safety issue. The railings should be replaced with aluminum railings that would eliminate the need for painting every couple of years. The railings around the primary tanks were scheduled for replacement in 2023 and the inlet in 2043 in the Asset Management Plan. Since both were installed in the early 70's, both should be replaced in 2023.

Related Costs and Future Funding Needs
The costs are based on the Asset Management Plan costs. It is uncertain how the pandemic and supply problems will affect the cost and availability.

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Trickling Filter Pump Inspection, Repair and/or Replacement		
Department	Wastewater	Funding Source	SF

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$20,000	-	-	-	-	-

Project Description and Location
<p>Removal and inspection of the three trickling filter pumps. These pumps have not been professionally inspected for a few years. These pumps are alternated when possible, however, they all have quite a few hours.</p>

Project Need and Impact
<p>Under normal operation two pumps operate continuously feeding the trickling filters. A pump failure leaves us no backup. Therefore, it would be prudent to have them evaluated for efficiency.</p>

Related Costs and Future Funding Needs
<p>The costs may go up or down depending on the results of the evaluation.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Vactor 360 Plan		
Department	Wastewater	Funding Source	SF/MVP

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$22,000	-	-	-	-	-

Project Description and Location
<p>Jack Doheny Supply, the Michigan Vactor Representative, offers a free evaluation of the Vactor truck. They compile a list of needed repairs and/or adjustments along with the estimated costs.</p>

Project Need and Impact
<p>The Vactor is a rather complicated vehicle. This inspection will identify any problems with the vehicle and give us a list and cost for the repairs. The Doheny sales rep told me that the average cost of repairs is around \$20,000.00. If the repair cost is higher, we can prioritize the needed work and schedule the repairs for the following budget year. This plan will extend the life of the vehicle and allow repairs to be budgeted.</p>

Related Costs and Future Funding Needs
<p>This should be an ongoing expense. After the first inspection we will be able to accurately budget for future Vactor expenses.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Water Reliability Study		
Department	Water Department	Funding Source	WF

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$12,000	-	-	-	-	-

Project Description and Location
<p>This study evaluates the condition and needs of the water production, treatment, storage and distribution. The study also makes recommendations and budget cost estimations for water system improvements.</p>

Project Need and Impact
<p>This study is required by Michigan EGLE and Act 399 every five years. The last one was performed and completed in 2017. This is a valuable tool for determining the future needs of the City water system.</p>

Related Costs and Future Funding Needs
<p>The study offers estimated costs for water system improvements that are either needed or required by the regulatory agency.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Water Service Replacements		
Department	Water Distribution	Funding Source	WF/SG

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	\$112,000	\$112,000	\$112,000	\$112,000	\$112,000	\$112,000

Project Description and Location
<p>Replacement of some private water services is due to the Lead and Copper Rule per the Michigan Department of Environment, Great Lakes and Energy (EGLE). The rule states that any iron water service that was at one time connected to a lead goose neck must be replaced at the City's expense with a new copper service in residential houses and businesses. Service material inspections conducted by the DPW and HydroCorp while installing water meters showed that there were 268 iron services that would need replaced.</p>

Project Need and Impact
<p>This is per EGLE law. The going rate as of now is around \$8,000 per service. Staff will continue to look for grant and other funding opportunities to offset these costs.</p>

Related Costs and Future Funding Needs

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Sewer Lining & Repair		
Department	Wastewater	Funding Source	SF

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	-	\$125,000	\$25,000	\$25,000	\$25,000	\$25,000

Project Description and Location
<p>This project includes cured in place piping in areas that are determined to have issues such as root intrusion, pipe failure, or ground water infiltration.</p>

Project Need and Impact
<p>Some of the sewer system is over 100 years old. Most of the sewer system utilized 4 foot sections of clay tile. Every joint is subject to root intrusion and ground water infiltration. Clay tile is also subject to cracking due to ground shifting during the freeze/thaw cycle.</p>

Related Costs and Future Funding Needs
<p>Bids were let for the first stage of this project, however, due high costs this project may be postponed or minimized. Cured in placed piping will eliminate all joints and water and root intrusion. These are the main causes for sanitary sewer failure and blockages.</p>

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	UV Disinfection System Replacement		
Department	Wastewater	Funding Source	SF

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	-	\$120,000	-	-	-	-

Project Description and Location
Replacement of the UV disinfection System.

Project Need and Impact
The system will be 20 years old and is scheduled for replacement in the Asset Management Plan. This project should be carefully reviewed during the budget process to determine if this will be necessary. The system is currently operating properly with no major expenses incurred.

Related Costs and Future Funding Needs
Additional engineering will be required for this project.

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Digester Mixed Air Unit		
Department	Wastewater	Funding Source	SF

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	-	\$30,000	-	-	-	-

Project Description and Location	
Replacement of the Mixed Air unit on the digester.	

Project Need and Impact
The MUA on the Grit Building was replaced during the current fiscal year. The digester unit is beginning to fail more often. This requires a service call. The unit isn't scheduled until 2028 in the Asset Management Plan however, our experience indicates the unit should be replaced sooner.

Related Costs and Future Funding Needs
Past experience indicates that this unit will become increasingly unreliable and will require more service calls.

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Outside Door Replacement—Lab & Digester		
Department	Wastewater	Funding Source	SF

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	-	23,000	-	-	-	-

Project Description and Location
A double door and single door in the digester building and a double door and single door in the lab are failing.

Project Need and Impact
The steel frames and lentil are rusting. Plant Staff made temporary repairs five years ago but the doors and frames are over 50 years old. New energy efficient doors would also reduce energy usage.

Related Costs and Future Funding Needs
The door and frame replacement will also entail some masonry work due to the failing lentils.

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	Pickup Truck Replacement		
Department	Water/ Wastewater	Funding Source	MVF

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	-	\$40,000	-	-	-	-

Project Description and Location	
Pickup Truck Replacement	

Project Need and Impact
The current pickup is a 2007 model F-150 4X4 that is starting to rust out. The current truck will be 16 years old.

Related Costs and Future Funding Needs

City of Jonesville
Capital Improvement Plan
 PROJECT DESCRIPTION

Project Title	High Service & Well Pump Repair & Well Cleaning		
Department	Water Department	Funding Source	WF

Fiscal Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Est. Cost	-	-	\$60,000	-	-	-

Project Description and Location
<p>Repair of the high service, well pumps and well cleaning at the water production and treatment site.</p>

Project Need and Impact
<p>The two high services pumps and two well pumps were installed during the recent (2020) Iron Removal Plant upgrade. The City usually requires one high service and one well pump operate to supply the City with drinking water. The pumps do not run continuously during the day depending on water usage. The pumps are alternated on a monthly basis. Since all of the pumps were installed at the same time, there is a good chance that they will need to be rebuilt around the same time. The current price for a rebuild is around \$15,000.00. These pumps are professionally inspected and maintained annually and a report is generated that will give us a better understanding of the rebuilding needs.</p>

Related Costs and Future Funding Needs
<p>This needs to be an ongoing expense in order to maintain the water system at peak performance.</p>