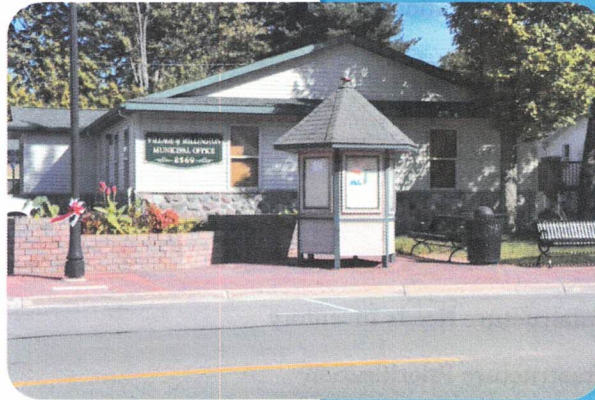


## Village of Millington Capital Improvement Plan 2024



Approved by Planning Commission: November 21, 2023

Approved by Village Council: November 13, 2023

Send to: Tuscola County Planning Commission  
125 W. Lincoln St  
Caro, MI 48723  
Sent on: December 4, 2024

## Village of Millington – Capital Improvement Plan

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## Section 1: Introduction

A Capital Improvements Plan (CIP) is a multi-year planning instrument used to identify needs and financing sources for public infrastructure improvements. The purpose of a CIP is to facilitate the orderly planning of infrastructure improvements; to maintain, preserve, and protect the Village of Millington's existing infrastructure system; and to provide for the acquisition or scheduled replacement of equipment to ensure the efficient delivery of services to the community. The CIP is also utilized to ensure that capital improvements are fiscally sound and consistent with the goals and policies of the governing body and the residents of the community.

A comprehensive CIP is an essential tool for the planning and development of the social, physical, and economic wellbeing of the community. This process is a necessary step in an organized effort to strengthen the quality of public facilities and services; provide a framework for the realization of community goals and objectives; and provide a sound basis on which to build a healthy and vibrant community.

The CIP informs Village residents and stakeholders on how the municipality plans to address significant capital needs over the next six to ten years. The CIP provides visual representations of the community's needs including referencing maps that detail the timing, sequence, and location of capital projects. The CIP can also influence growth because infrastructure can impact development patterns.

Some of the many benefits that the CIP provides for the residents and stakeholders include:

- Optimize the uses of revenue
- Focus attention on community goals, needs, and capabilities
- Guide future growth and development
- Encourage efficient government
- Improve intergovernmental and regional cooperation
- Help maintain a sound and stable financial program
- Enhance opportunities for the participation in federal and/or state grant programs

The projects identified in the CIP represent the community's plan to serve residents and anticipate the needs of a dynamic community. Projects are guided by various development plans and policies established by the planning commission, village council, and administration.

Plans and policies include:

- Public Participation Plan
- DDA Plan
- Goals and Objectives of the Council
- Administrative Policies

### **Mission Statement**

Preparation of the CIP is done under the authority of the Michigan Planning Enabling Act (PA 33 of 2008). The goal of the CIP should be to implement the master plan and to assist in the community's financial planning.

The CIP is dynamic. Each year all projects included within the CIP are reviewed, calls for new projects are made, and adjustments are made to existing projects arising from changes in the amount of funding required, conditions, or time line. A new year of programming is also added each year to replace the year funded in the annual operating budget.

The CIP program should continue to develop over time by adding features to gradually improve quality and sophistication. Greater attention shall be devoted to provide more detailed information about individual project requests, program planning, fiscal analysis, fiscal policies, and developing debt strategy.

### **CIP and the budget process**

The CIP plays a significant role in the implementation of a master plan by providing the link between planning and budgeting for capital projects. The CIP process precedes the budget process and is used to develop the capital project portion of the annual budget. Approval of the CIP by the planning commission does not mean that they grant final approval of all projects contained within the plan. Rather by approving CIP, the planning commission



acknowledges that these projects represent a reasonable interpretation of the upcoming needs for the community and that projects contained in the first year of the plan are suitable for inclusion in the upcoming budget.

Priority rankings do not necessarily correspond to funding sequence. A project's funding depends upon a number of factors – not only its merit, but also its location, cost, funding source, and logistics.

The Village of Millington should strive to maximize resources by maintaining a balance between operating and capital budgets. A continuous relationship exists between the CIP and the annual budget. A direct link can be seen between the two documents, as there should be in a strategic planning environment. Budget appropriations lapse at the end of the fiscal year as the operating budget is funded with recurring annual revenues such as taxes, licenses, fines, user fees, and interest income.

## **Section 2: Capital Improvements Process**

### **Plan Policy Group:**

Reviews the policy, develops the project rating and weighting criteria, rates and weights project application, reviews funding options, and presents the recommendation to the Administrative Group. The Capital Improvements Plan Policy Group ("CIPG") includes:

Village Clerk  
Department Heads – Police Chief & DPW Superintendent  
Mayor  
Council Representatives on Planning Commission

**The Administrative Group** clarifies any issues, finalizes the ratings and brings the CIP Draft forward at the Planning Commission Workshop and presents the CIP at the Planning Commission Public Hearing. The administrative group is headed by the Village Clerk, and includes the Department Heads, Police Chief and DPW Superintendent.

**The Planning Commission** works with the Policy Group during the plan development, conducts workshops (if necessary), reviews the Policy Group's recommendation, receives public input, conducts public hearings, adopts the plan, and requests the governing body to consider incorporating funding for the first year projects into the Budget Plan.

**The Governing Body** is encouraged to use the CIP as a tool in the adoption of the annual budget process in accordance with the governing body goals and objectives.

**Residents** are encouraged to participate in plan development by working with various Boards and Commissions at the Planning Commission workshops, the Planning Commission public hearings, and at the governing body's budget workshops and public hearings. As always, communication is open between residents, governing body representatives, Planning Commission representatives, and staff.

### **Capital Improvements Defined:**

A capital improvement plan is a five and twenty-year plan which identifies capital projects and major equipment purchases, establishes a planning schedule, and identifies options for financing capital projects. There are many benefits to capital improvement planning. A capital improvement plan details your water infrastructure and identifies current and future capital needs for maintaining compliance with the Safe Water Act. Needs are prioritized and projections are made on financial resources needed as well as their potential to impact future user fees.

While there are many models to use in conducting capital improvement planning, the Village of Millington followed the outlined below. This model was deemed efficient in use of limited resources for planning while giving the Village a basis for decision making on current and future capital needs. It also provides some guidance on potential impacts on user rates. The Village of Millington's Capital Improvement Planning process included the following steps:

- 1) Identify projects;
- 2) Prioritize identified projects;
- 3) Develop a five and twenty year plan;
- 4) Develop a financing plan.



The following report provides more detail on the process and results of Millington's CIP for all of their facilities. It serves as a starting basis for moving forward on identified projects. Remember, the CIP is a work in progress and the CIP is most effective when used, changed and updated according to events impacting decisions at the local level.

As used in the Village of Millington's Capital Improvements Program, a capital improvements project is defined as a major, nonrecurring expenditure that includes one or more of the following:

1. Any construction of a new facility (i.e., a public building, sanitary sewer mains, water mains, storm sewers, major/local roadways, recreational facilities), an addition to, or extension of such a facility, provided that the cost is \$50,000 or more and will be coded to a capital asset account.
2. Any nonrecurring rehabilitation of all or a part of a building, its grounds, a facility, or equipment, provided that the cost is \$25,000 or more and will be coded to a capital asset account.
3. Any purchase or replacement of major equipment to support community programs, provided that the cost is \$5,000 or more and will be coded to a capital asset account.
4. Any planning, feasibility, engineering, or design study related to an individual capital improvements project or to a program that the cost is \$5,000 or more and will have a useful life of three years or more.
5. Any planning, feasibility, engineering, or design study costing \$5,000 or more that is not part of an individual capital improvements project or a program that is implemented through individual capital improvements projects.
6. Any acquisition of land for a public purpose that is not part of an individual capital improvements project or a program that is implemented through individual capital improvements projects provided that the cost is \$25,000 or more.

### **Section 3: Capital Improvement Funding:**

Because the capital improvements projects involve the outlay of substantial funds, numerous sources are necessary to provide financing over the life of the project. Most capital funding resources are earmarked for specific purposes and cannot be transferred from one capital program to another. For example, funds that were raised by the Village of Millington for water maintenance and repair must be used for the purposes that were stated when the fee was approved. The CIP has to be prepared with some projections as to the amount of money available. The following is a summary of the funding sources for projects included in the capital improvements program.

#### **Enterprise (Reserve) Funds (Village enterprise funds are Water and Sewer)**

In enterprise financing, funds are accumulated in advance for capital requirements. Enterprise funds not only pay for capital improvements, but also for the day-to-day operations of community services and the debt payment on revenue bonds. The Village can set levels for capital projects; however, increases in capital expenditures for water mains, for example, could result in increased rates. Enterprise fund dollars can only be used on projects related to that particular enterprise fund, i.e., only water system funds can be used on the water system expenditures.

#### **Bonds**

When the Village sells bonds, purchases are, in effect, lending the community money. The money is repaid, with interest, from taxes or fees over the years. The logic behind issuing bonds (or "floating a bond issue") for capital projects is that the citizens who benefit from the capital improvements over a period of time should help the community pay for them. The Village of Millington can issue bonds in two forms:

##### **General Obligation (G.O.) Bonds**

Perhaps the most flexible of all capital funding sources, G.O. Bonds can be used for the design or construction of any capital project. These bonds are financed through property taxes. In financing through this method, the taxing power of the community is pledged to pay interest and principal to retire the debt. Voter approval is required if the community wants to increase the taxes that it levies and the amount is included in the Village's state-imposed debt limits. To minimize the need for property tax increases, the community makes every effort to coordinate new bond issues with the retirement of previous bonds. G.O. bonds are authorized by a variety of state statutes.

##### **Revenue Bonds**

Revenue bonds are sold for projects that produce revenues, such as water and sewer system projects. Revenue bonds depend on user charges and other project-related income to cover their costs. Unlike G.O.



bonds, revenue bonds are not included in the community state-imposed debt limits because the full faith and credit of the community back them. Revenue bonds are authorized by Public Act of 1933, the Revenue Bond Act.

### Weight and Gas Tax

Based on a formula set by the State of Michigan, the Village of Millington receives a portion of the tax placed on motor fuel and highway usage in the state. The restrictions placed on the expenditure of these funds insure that they will be spent on transportation-related projects or operations and services. These are commonly called Act 51 funds.

### Tax Increment Financing (TIF)

TIF is a municipal financing tool that can be used to renovate or redevelop declining areas while improving their tax base. TIF applies the increase in various state and local taxes that result from a redevelopment project to pay for project-related public improvements. For purposes of financing activities within the Village of Millington downtown district, the Downtown Development Authority adopted a plan. Public Act 57 of 2018, the Tax Increment Financing Act authorizes TIF.

### Mileages

The property tax is a millage that is one of the most important sources of community revenue. The property tax rate is stated in mills (one dollar per \$1,000 of valuation). This rate is applied to a property's net value, following the application of all exemptions and a 50 percent equalization ratio. Mileages are voter-approved taxes that are specifically earmarked for a particular purpose. For example, a road millage can only be used to fund road project expenditures. The Village is authorized to utilize mileages under Public Act 3 of 1895, the General Law Village Act.

### Federal and State Funds

The federal and state governments make funds available to communities through numerous grants and aid programs. Some funds are tied directly to a specific program. The Village has discretion (with certain guidelines) over the expenditure of others. For the most part, the community has no direct control over the amount of money received under these programs.

### Special Assessments

Capital improvements that benefit particular properties, rather than the community as a whole, may be financed more equitably by special assessment, i.e., by those who directly benefit. Local improvements often financed by this method include new street improvements (including pavement, curb and gutter, sidewalks, etc.), water system and sanitary and storm sewers.

### Developer Contributions

Sometimes capital improvements are required to serve new development. Where funding is not available for the community to construct the improvements, developers may agree to voluntarily contribute their share or to install the facilities themselves so the development can go ahead.

**Section 4: Project Identification** The following pages include specific project details, budget information and project prioritization:

### Equipment

#### CIP ID # EQ 2

Cost: \$9,200 w/graphics Annually

Timeline: 2024/25

Description: Police Vehicle replacement. The Village currently is setting funds aside for a new Police Tahoe, graphics and rewiring. It would be in the best interest of the Village to set aside funds annually to cover the next set of police vehicles to keep them up to date and in good working order. **2018 will be replaced with new next.** Below demonstrates what the Village has already budgeted for this equipment. {661-000.000-006.003}

Description	21-22	22-23	23-24	24-25	Total
EQ2 – Police Tahoe	\$ 3523	\$ 9800	\$9000	\$9000	\$31,323

Source of Funding: Equipment Fund Vehicle Replacement and possible grants.



**CIP ID # EQ 5**

Cost: \$5,000 Annually

Timeline: Annually, starting in 2020

Description: DPW Pickup #22 replacement in 2022, estimated cost \$25,000. The Village will set aside funds for a new DPW ½ ton 2-wheel drive pickup truck. It would be in the best interest of the Village to keep setting aside funds annually to cover the next set of DPW vehicles to keep them up to date and in good working order.

Below demonstrates what the Village is looking at setting aside for future DPW vehicles. {661-000.000-006.004}

Description	20-21	21-22	22-23	23-24	24-25	Total
<b>EQ5 – DPW Pickup</b>	<b>\$ 5,000</b>	<b>\$ 6,000</b>	\$ 5,000	\$ 5,000	\$ 5,000	\$25,000

Source of Funding: Equipment Reserve Fund DPW Vehicle Replacement and will try for a grant in **2022**.

**CIP ID # EQ 9**

Cost: \$100,000

Timeline: 2027

Description: Dump Truck. The Village currently has a 2001 Dump Truck that is nearing the end of its useful life. The Village is securing funds for its replacement.

Below demonstrates what the Village has already budgeted for this equipment and what needs to be budgeted for in the upcoming years. {661-000.000-006.009} This will replace #2 Dump Truck – 2001 Int'l Dump Truck

Description	Balance	22-23	23-24	24-25	25-26	26-27	Total
<b>EQ9 – Dump Truck</b>	\$25511.83 as of 2/28/23	<b>\$6,000</b>	\$20,000	\$19,250	\$17,620	\$11,620	\$80,000

Source of Funding: Equipment Fund and possible grants. Will look into grants in 2024}

**CIP ID # EQ 13**

Cost: \$30,000

Timeline: 2024-25

Description: Dump Truck. The Village currently has a 1991 Chevy Kodiak dump truck that is past its useful life and will need to be replaced soon. The DPW has expressed that they did not need a new one for collecting compost etc and that a good used dump truck would be sufficient.

Below demonstrates what the Village has already budgeted for this equipment and what needs to be budgeted for in the upcoming years. {661-000.000-006.013 } This will replace #3 Dump Truck – '91 Chevy Kodiak

Description	24-25	25-26	26-27	27-28	28-29	Total
<b>EQ13 – Dump Truck</b>	\$15,000	\$15,000				\$30,000

Source of Funding: Equipment Fund and possible grants.

**CIP ID # EQ 14**

Cost: \$5,000 Annually

Timeline: Ongoing

Description: Large repairs

The Village believes that with all of the large equipment, this comes with large repairs. Putting money aside to cover unexpected large repair costs over \$5,000 is vital to keeping the equipment in safe operating condition.

Description	24-25	25-26	26-27	27-28	28-29	29-30	30-31	Total
<b>EQ14 – Dump Truck</b>	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$30,000

Source of Funding: Equipment Fund and possible grants.

**Sidewalks**

**CIP ID # SW1**

Cost: varies – approximately \$ 13,000 annually

Timeline: Annually

Description: The Village, as part of the Act 51 State Program, uses 0.1% of the State Gas and Weight Tax to repair sidewalks. The DPW Superintendent prioritizes the sidewalks every year and determines which will get replaced in the current year.

Source of Funding: 0.1% of the annual State Gas and Weight Tax checks gets budgeted for sidewalk replacement.



## Buildings

### CIP ID # BLG1

Cost: \$ 18,515

Timeline: 2025

Village Municipal Building and Police Department – Shingle Roof Replacement

Description: The Village's Municipal Building and Police Department was built in 2005 and the life expectancy of a shingle roof is 20 years. The Municipal Building will be scheduled for a new roof in 2025.

Description	21-22	22-23	23-24	24-25	25-26	Total
BLG1 – Office roof	\$3,703	\$3,703	\$3,703	\$3,703	\$3,703	\$18,515

Source of Funding: Village General Fund

#### Special Note:

The Village DPW superintendent evaluates the roof's condition annually but will inspect it thoroughly in 2024 to determine the exact timeline of replacement. Upon determining the timeline, the DPW superintendent will get quotes.

### CIP ID # BLG2

Cost: \$ 7,500

Timeline: 2026-2028

Arsenic Plant and Pump Station – Shingle Roof Replacement

Description: The Village's Municipal Building and Police Department was built in 2008 and the life expectancy of a shingle roof is 20 years. The Arsenic Plant and Pump Station will be scheduled for a new roof from 2026-2028.

Description	25-26	26-27	Total
BLG2 – Arsenic roof	\$3,750	\$3,750	\$7,500

Source of Funding: Village General Fund

#### Special Note:

The Village DPW superintendent evaluates the roof's condition annually but will inspect it thoroughly in 2024 to determine the exact timeline of replacement. Upon determining the timeline, the DPW superintendent will get quotes.

### CIP ID # BLG3

Cost: \$ 6,000

Timeline: 2026

Lift Station – Extend roof to cover all control panels

Description: The Village's Lift Station was built in 1985 and the roof leaves some of the control panels exposed to the weather. Ideally it would be beneficial to extend the roof out so that the control panels are not exposed to the weather.

Description	22-23	23-24	24-25	25-26	Total
BLG3 – Lift Station roof	\$1,500	\$1,500	\$1,500	\$1,500	\$6,000

Source of Funding: Village General Fund

#### Special Note:

The Village will examine the general fund in the 2025 budget to determine if this is a feasible project. Upon determining the timeline, the DPW superintendent will get quotes.

### CIP ID # BLG4

Cost: \$ 5,000

Timeline: 2023

DPW Garage – furnace replacement

Description: The Village DPW Garage furnaces are very old and about at the end of their useful life. The Village is anticipating this event.



Description	21-22	22-23	Total
<b>BLG4 – DPW Furnace</b>	\$2,500	\$2,500	\$5,000

Source of Funding: Village General Fund

**Special Note:**

The Village DPW Superintendent will continue to monitor the 2 furnaces to get a more accurate timeline for replacement. Upon determining the timeline, the DPW superintendent will get quotes.

**Parking Lots – All Village parking lots were repaved in 2023**

**CIP ID # PL4**

Cost: \$ 5,000

Timeline: Starting in 2025

Schedule bi-annual preventative maintenance of Downtown parking lot, Depot Street parking lot and DPW Garage parking lot – accumulate the annual allotment until projects are specifically identified and prioritized.

Description: The Village’s downtown commercial district is occupied by businesses that have some backside parking owned by some of the businesses. The Village maintains a few parking lots and in an effort to maintain the lots in a safe condition, the Village budgets an amount annually to maintain the parking lots.

Description	21-22	22-23	23-24	24-25	25-26	26-27	Total
<b>PL4 – Lot Maintenance</b>	<b>\$5,000</b>	<b>\$5,000</b>	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000 Annual

Source of Funding: Village General Fund

Special Note: The Village will schedule on an annual rotation, preventative maintenance of the parking areas, which shall include rubber crack filling, seal coating and striping. By keeping a schedule, the parking lots will always be in good repair and there will not be a need for a single large capital outlay to replace all of the parking facilities at the same time. Please refer to Supplement 5 for all parking lots owned by the Village.

**Streets**

**CIP ID # S\_M2**

Cost: \$346,160

Timeline: 2027/28

Description: The Village in conjunction with **CIP ID #WS3** and **CIP ID #SE2** is planning on completing the following streets along with new water lines and sewer lines:

Main St – from State St to Fulmer	-	\$ 70,000.00
Center St – from State St to Gleason	-	\$100,000.00

Source of Funding: Village Major Street Fund, which consists mostly of Act 51 Gas & Weight Tax or debt bond.

Special Note: The Village evaluates the conditions of their streets annually. The Village is small enough that our DPW employees can drive the streets and review them. Projects will be reviewed and selected based on available funds, road conditions and other projects such as water main and sewer line replacement. Project types include: chip seal, overlay, mill and fill or complete reconstruction. A list of all streets is located in Supplement 4.

**CIP ID # S\_M3**

Cost: \$267,280.00

Timeline: 2031

Description: The Village is planning on completing the following major streets along with local streets:

Gleason St	\$91,120.00
Main St – from railroad tracks to Caine Rd	\$176,160.00

Source of Funding: Village Major Street Fund, which consists mostly of Act 51 Gas & Weight Tax or debt bond.

Special Note: The Village evaluates the conditions of their streets annually. The Village is small enough that our DPW employees can drive the streets and review them. Projects will be reviewed and selected based on available

funds, road conditions and other projects such as water main and sewer line replacement. Project types include: chip seal, overlay, mill and fill or complete reconstruction. A list of all streets in located in Supplement 4.

**CIP ID # S\_L3** Cost: \$217,023.00 Timeline: 2027

Description: The Village is looking at the following streets for reconstruction in 2027:

Atwood	\$67,000
North	\$65,000
Industrial	\$85,023

Source of Funding: Village Local Street Fund, which consists mostly of Act 51 Gas & Weight Tax and Village Improvement.

Special Note: The Village evaluates the conditions of their streets annually. The Village is small enough that our DPW employees can drive the streets and review them. Projects will be reviewed and selected based on available funds, road conditions and other projects such as water or sewer line replacement. Project types include: chip seal, overlay, mill and fill or complete reconstruction. A list of all streets in located in Supplement 4.

**CIP ID # S\_L4** Cost: \$82,000 Timeline: 2031

Description: The Village is looking at the following streets for reconstruction in 2031:

Short St	\$15,000
East (Main to end going N)	\$67,000

Source of Funding: Village Local Street Fund, which consists mostly of Act 51 Gas & Weight Tax and Village Improvement.

Special Note: The Village evaluates the conditions of their streets annually. The Village is small enough that our DPW employees can drive the streets and review them. Projects will be reviewed and selected based on available funds, road conditions and other projects such as water or sewer line replacement. Project types include: chip seal, overlay, mill and fill or complete reconstruction. A list of all streets in located in Supplement 4.

**CIP ID # S\_M4** Cost: \$200,680 Timeline: 2040

Description: The Village is looking at the following streets for reconstruction in 2040 w/S\_L5:

Beckwith (M15 to Blocher)	\$23,520
Blocher (Beckwith to Main St)	\$27,160
Main (M15 to railroad tracks)	\$150,000 (check length of road)

**CIP ID # S\_L5** Cost: \$260,540 Timeline: 2040

Description: The Village is looking at the following streets for reconstruction in 2040 w/S\_M4:

Beckwith (Blocher to cemetery)	\$73,500
Fulmer (Main to Worth)	\$187,040

## Storm Drains

**CIP ID # SD\_D1** Cost: Varies Timeline: Monitored annually

Extend storm drains if feasible.

Description: The Village's Storm Drain system is monitored annually to ensure proper drainage throughout the Village. The Village is in the process of waiting for a SAW Grant approval that will allow us to document any storm drain issues. It is recommended that the Village budget annually for storm repairs and replacements on an annual basis. Please refer to Supplement 2 for a list of all storm drain lines.



Source of Funding: Village General Funds and Sewer Funds if the project affects the Sanitary System.

### **Sewer**

#### **CIP ID # SE1**

Cost: \$3,000,000

Timeline: 2026

Description: Lagoon #2 is due for a cleaning. If it is found to require a new liner, that would require additional funding and grants. Currently the lagoons are treated monthly to keep the sludge down and are very effective in achieving this.

Source of Funding: Sewer Fund, Grants, Bonds

#### **CIP ID # SE2**

Cost: \$looking into pricing for this

Timeline: 2027

Description: Sewer Line Replacement. In replacing water lines on Main St going west to Fulmer and on Center Street from M15 to Gleason St, repaving the roads, it is beneficial to also replace the sewer lines.

Source of Funding: Sewer RRI Funds and Debt. This project will require the Village to increase their debt. The Village, however, has a debt from the lift station that will end in 2025 which will offset the new debt project. It is not expected to cause the Village to raise sewer rates to help fund this.

#### **CIP ID # SE3**

Cost: \$100,000 estimate

Timeline: 2024

Description: After cleaning and using cameras to inspect the sewer lines thru the SAW grant, the Village has found 3 locations that need relining on M-15, Brookside Ct and Atwood.

Source of Funding: Sewer & Sewer RRI funds. This project is not expected to raise sewer rates.

**Water System** – Millington's water facilities include approximately 48,613 linear feet of distribution facilities. A single elevated 300,000 gallon water tank supplies the village with water pumped from two wells. The village has an arsenic tank as part of the treatment process for compliance with the arsenic standard.

The village has around 472 connections and serves a population of 1,072. The average water usage per month is around 4,000 gallons per household.

#### **CIP ID # WS2**

Cost: \$13,000 Annually

Timeline: 2020 - 2024

Description: Water Meters. The Water Meters currently installed are to their useful life expectancy. The Village has been setting aside \$13,000 annually to purchase new water meters, approximately 100 meters per year.

Source of Funding: Water Fund – funds earmarked for this use annually.

#### **CIP ID # WS3**

Cost: \$968,000 estimate

Timeline: 2027

Description: Water Line Replacement. The water lines on Main St going west to Fulmer and on Center Street from M15 to Gleason St are 1947 lines.

Source of Funding: Debt. This project will require the Village to increase their debt. The Village, however, has a debt that will end in 2027 which will offset the new debt project. It is not expected to cause the Village to raise water rates to help fund this.

#### **CIP ID # WS4**

Cost: \$50,000 (Approved, waiting on parts)

Timeline: 2023

Description: Village SCADA system for Water Tower. The SCADA system that monitors and controls the Village Water Tower is out of date, parts are getting harder to find and the Village will need to update the system.



Source of Funding: Financing for the above projects will be accomplished using capital reserves from a Repair, Replacement and Improvement (RRI) Fund.

**CIP ID # WS5**

Cost: \$100,000 (Well #3 - Approved, waiting on parts) Timeline: 2023-24

Description: Village Well #3 and #4. The well pumps that maintain pressure need to be tore down and inspected and that will determine if pumps need to be rebuilt or replaced. All other parts will be inspected at that time. If a pump needs to be replaced, it is estimated at \$50,000 each.

Source of Funding: Financing for the above projects will be accomplished using capital reserves from a Repair, Replacement and Improvement (RRI) Fund.

**Section 5: Prioritizing Projects**

The prioritizing of projects was worked through with the DPW Superintendent and the Village Clerk. The items that were taken into consideration included current conditions, remaining useful life, and compliance and regulatory requirements. The criteria for prioritizing projects should take into consideration the need to maintain public health regulations and improve efficiencies. The water tower coating project and water meter replacement were both high priority whereas water line replacement projects with additional useful life were less priority (see below).

APPENDIX B –PRIORITIZATION			
CIP ID #	Fund	PROJECT	PRIORITY (1-5)
EQ2	Equip	Police Vehicle	3
EQ5	Equip	DPW Pickup – replace #22	2
EQ9	Equip	Dump Truck – replace oldest	1
EQ13	Equip	Dump Truck – replace '91 Chevy Kodiak	4
EQ14	Equip	Equipment Major Repairs – over \$5000	5
BLG1	General	Village Municipal Building & Police Department – asphalt shingles	2
BLG2	General	Arsenic Plant & Pump Station – asphalt shingles	3
BLG3	General	Lift Station – extend roof	4
BLG4	General	DPW Garage – furnace replacement	1
PL4	General	Preventative Maintenance on all parking lots	1
SW1	Major Local	Annual sidewalk replacement – varies from Major or Local	1
S_M2	Major	Street reconstruction – Main St – from M15 to Fulmer and Center St – from M15 to Gleason St	1
S_M3	Major	Street reconstruction – Gleason & Main(railroad to Caine)	2
S_M4	Major	Street reconstruction – Beckwith, Blocher, Main (M15-railroad tracks)	5
S_L3	Local	Street reconstruction – Atwood, North, Industrial	1
S_L4	Local	Street reconstruction – Short St and East (Main to end going North)	3
S_L5	Local	Street reconstruction – Beckwith, Fulmer	4
SD_D1	Sewer	Storm Drain extension if feasible	1
SE1	Sewer	Cleaning of lagoon cell #2	3
SE2	Debt	Replace sewer lines Main St-west to Fulmer & Center-M15 to Gleason	2
SE3	Sewer	Relining of sewer lines – 3 locations (M-15, Brookside, Atwood)	1
WS2	Water Meter	Water meter improvements	2
WS3	Debt	Water line replacement (Center St & Main St)	2
WS4	Water RRI	Upgrading SCADA system	1
WS5	Water RRI	Well pump #3 2023, Well pump #4 2024	1



## Section 6: Six Year Plan

Currently, the Village of Millington upgraded most of the 1947 water lines in 2016, a \$1 million project with funds that were secured through USDA in 2015. The Village also upgraded the water meter reading system in 2019 to accommodate the new water meters and is currently in the process of putting in cellular meters which have a 20-year life expectancy rather than a 10 year for the current meters.

Additionally, the Village needs to make water tower improvements and replace aging water meters for accurate metering of water usage. These projects can be funded using the RRI Fund and the Village's Improvement Fund. The costs for these projects during the next six years are estimated to be around \$339,000 (see below). The projects would take place over the six-year period.

The Village will look at replacing aged equipment in both the public works and police departments, setting aside funds for village owned parking lots and is scheduled to repave some major and local streets in 2025.

### APPENDIX C – 6 YEAR PLAN

CIP ID #	Project	FUNDING SOURCES(S)	STATUS ESTIMATE ACTUAL	TOTAL COST	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
WS2	Water Meter Upgrades	RRI/Water	E	\$122,720	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000
WS3	Water Line Replacement	Debt	E	\$unknown						
WS4	Upgrading SCADA system	RRI/Water	E	\$50,000						
WS5	Well Pump #3 and #4	RRI/Water	E	\$100,000	\$50,000	\$50,000				
EQ2	Police Vehicle/equip/graphics	Equipment	E	\$45,000	\$8,300	\$7,800	\$7,800	\$7,800	\$7,800	\$7,800
EQ5	DPW Pickup – replace #22	Equipment	E	\$28,000	\$6,100	\$6,100	\$5,000	\$5,000	\$6,000	\$6,000
EQ9	Dump Truck – replace #40	Equipment	E	\$100,000	\$19,250	\$17,620	\$17,620	0	0	0
EQ13	Dump Truck – replace #3	Equipment	E	\$30,000	\$15,000	\$15,000				
EQ14	Major Equipment Repairs \$5,000 +	Equipment	E	Ongoing	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
BLG1	Village Office-roof	General	E	\$18,515	\$3,703	\$3,703				
BLG2	Arsenic Plant – roof	General	E	\$7,500				\$3,750	\$3,750	\$3,750
BLG3	Lift Station – extend roof	General	E	\$6,000	\$1,500	\$1,500	\$1,500	\$1,500		
BLG4	DPW Garage – furnaces (2)	General	E	\$5,000	\$2500	\$2500				
PL4	Set aside funds for preventative maintenance on parking lots	General	E	\$5,000/A	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
SW1	Sidewalk Replacement	Major/Local	E	\$13,000/A	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000
S_M1	Major Streets Reconstruction	Major - 2027	E	\$170,000						\$170,000
S_L2	Local Street – Reconstruction 2025	Local/Transfer Major	E	\$144,653				\$144,653		
S_L3	Local St Atwood,North, Industrial Reconstruction 2027	Local/Transfer Major/possible Village Improv.	E	\$201,613						\$201,613
SE1	Cell #2 Cleaning	Sewer Fund	E	\$30,000			\$30,000			
SE2	Replace Sewer Main & Center	Debt	E	\$						
SE3	Relining Sewer lines	Sewer Fund/RRI	E	\$100,000	\$100,000					
<b>Total</b>				<b>\$1,077,970</b>	<b>\$192,353</b>	<b>\$90,223</b>	<b>\$97,920</b>	<b>\$198,703</b>	<b>\$53,550</b>	<b>\$425,163</b>



## Section 7: Twenty Year Plan

The twenty-year plan includes sidewalk replacement, building maintenance to the Village Office Roof and Arsenic Plant. The village will also look at local and major streets in the village for repaving and replacing the rest of the 1947 water lines.

APPENDIX D – TWENTY YEAR PLAN									
	PROJECT	FUNDING SOURCES(S)	STATUS ESTIMATE DESIGNING PLANS	TOTAL COST	2025	2030	2035	2040	2045
SW1	Sidewalk Replacement	Major/Local	E	\$10,000 A					
BLG1	Village Office Roof	General	E	\$18,515	\$18,515				\$20,000
BLG2	Arsenic Plant/Pump Station	General	E	\$7,500	\$7,500				\$7,500
BLG3	Lift Station	General	E	\$7,500		\$7500			
BLG4	DPW Furnaces	General	E	\$5,000	\$5,000				
PL4	Set aside funds for parking lots	General/VI	E	\$5,000 A					
S_L2	Local Street Reconstruction (Elevator & Industrial)	Local/Village Improvement	E	\$144653	\$144653				
S_M2	Major Street Reconstruction – Main St w/water	Major	E	\$170,000		\$170,000			
S-L3	Local Street Reconstruction Atwood, North, Industrial	Local	E	\$201,613					
S_M3	Major Street Reconstruction Gleason & Main (railroad to Caine)	Major	E	\$267,280		\$267,280			
S-L4	Local Street Reconstruction Short St, East (main to end go N)	Local	E	\$82,000		\$82,000			
S-M4	Major Street Reconstruction Beckwith, Blocher, Main	Major	E	\$200,680				\$200,680	
S-L5	Local Street Reconstruction Beckwith, Fulmer	Local	E	\$260,540				\$260,540	
SE2	Main St going west to Fulmer & Center St from M-15 to Gleason w/WS3 & S-M2	Sewer/Debt	E	\$unknown currently					
SE3	Relining Sewer lines – 3 locations	Sewer/RRI	E	\$100,000	\$100,000				
WS2	Water meter improvements - annual	RRI	E	\$122,720	\$122,720				
WS3	Water line replacement (Center St & Main St.	Debt	E	\$968,000	\$968,000				
WS5	Well Pump #3 & #4	RRI/Water	E	\$100,000					



## Section 8: Conclusion

To conclude, the Village of Millington completed a Capital Improvement Plan for all of their facilities and responsibilities. The CIP included an inventory, prioritizing needs and developing a six-year plan and a twenty-year plan for improvements. Note the CIP serves as a basis for ongoing planning to maintain the managerial, financial and technical capacity of the utility.

The Village identified several streets, parking lots, equipment, building maintenance, water tower SCADA system and installing new meters as their most critical need for improvements along with annual replacement of sections of sidewalks. Replacement costs are based on information from past projects and best estimates. These figures should be updated and further refined before any projects are undertaken.

### Additional Recommendations:

- **Asset Management:** Water and sewer infrastructure often represent the community's largest assets and highest cost investments. Capital Improvement planning can give the community a longer-term view of those assets and their replacement costs as well as help identify the need for new capital projects. In addition, the life cycle of assets can be extended through asset management. The goal of asset management is to extend the useful life of infrastructure by improved preventative and predictive maintenance. Asset management also strives to minimize cost through all life cycle stages from acquisition, startup, operation, and decommission. The Village already has a good start on the inventory, by further developing that into an asset management plan, the Village can reduce impacts to user fees by extending the life cycle costs of that infrastructure.

The Capital Improvement Plan is a work in progress and most effective when used, changed, and updated according to events impacting decisions at the local level.

**Village of Millington****Supplement 1****Sanitary Sewer Improvements**

Consists of 44,675 ft or 8.46 miles

SAW GRANT - prioritized

<b>Location</b>	<b>Size (in)</b>	<b>Ext'g Pipe Type</b>	<b>Length</b>	<b>Year Installed</b>	<b>Life Expectancy</b>	<b>Fix Type</b>	<b>Cost Est.</b>	<b>Time Line</b>
Depot St	10"	VCP	388.4		50-100			
East St	10"	VCP	296.3		50-100			
East St	8"	VCP	276.5					
M15	15"	VCP	343.9					
Bishop St	8"	VCP	246.3		50-100			
Atwood St	10"	PVC	305.4		50-100			
Main St	12"	VCP	423.4		100			
M15	15"	VCP	523.7		50-100			
Beckwith St	10"	VCP	385.4		50-100			
Main St	10"	VCP	419.1					
East St 3	12"	VCP	322.9		50-100			
Main St	10"	VCP	327.3		100			
M15	12"	VCP	333.4		50-100			
M15	12"	VCP	691.5		100			
Main St	8"	VCP	328.7		50-100			
M15	15"	VCP	439.6		50-100			
Beckwith St	8"	VCP	205		50-100			
M15	12"	VCP	355.5					
Center St	10"	VCP	502.7					
M15	12"	VCP	366.6					
Brookside Ct	8"	VCP	237.5					
School	10"	NRCP	282.3					
Worth	10"	VCP	340.9					
Center St	10"	VCP	402.9					
East St	10"	VCP	43.1					
Center St	10"	VCP	315.4					
Gleason St	8"	VCP	129.4					
Brookside Ease	10"	VCP	214.1					
Main St	10"	VCP	242.9					
Industrial Dr	10"	ACP	531.9					
Industrial Dr	10"	ACP	531.9					
Atwood St	8"	VCP	111.4					
M-15	15"	VCP	194.6					
Depot St	10"	VCP	407.9					
Brookside Ct	8"	NRCP	426.5					
M15	15"	VCP	170					
M15	15"	VCP	131.9					
Brookside Ease	12"	NRCP	296.7					
Worth St	10"	NRCP	348.6					
Bishop St	8"	VCP	206.4					
M-15	15"	VCP	327					
Fulmer St	12"	NRCP	304.5					
School	10"	NRCP	161.4					



Brookside Ease	10"	NRCP	327.9					
North St	8"	NRCP	277.2					
Worth St	10"	NRCP	346.7					
North St	8"	VCP	252.4					
Worth	10"	NRCP	350.2					
Worth	10"	VCP	124.5					
Ellis	8"	PVC	302.6					
Main St	10"	NRCP	235.5					
School	8"	VCP	371.3					
Beckwith St	8"	VCP	69.2					
Easement???	10"	NRCP	306.3					
Easement???	10"	NRCP	306.3					
Main St	10"	VCP	321.7					
Bishop St	8"	VCP	133.4					
Parking Lot	8"	PVC	17.6					
Parking Lot	8"	PVC	31.5					
M15	15"	NRCP	523.7					
Brookside Ease	8"	VCP	199.5					
Fulmer St	8"	NRCP	186.6					
Gleason St	10"	PVC	371.9					
Ellis	8"	PVC	317.3					
Fulmer St	8"	NRCP	185.9					
School	10"	NRCP	286					
Main St	10"	NRCP	41.2					
Brookside Ease	12"	NRCP	254.4					
School	10"	NRCP	239.8					
School	10"	NRCP	317.2					
Fulmer St	12"	NRCP	352.5					
Brookside Ease	15"	NRCP	291.6					
Main St	10"	NRCP	162.2					
Easement???	10"	NRCP	257.1					
Fulmer Rd	10"	VCP	288.7					
M15	15"	VCP	300.9					
Fulmer Rd	10"	NRCP	40.6					
Fulmer Rd	10"	NRCP	305.4					
Brookside Ease	10"	NRCP	202					
Brookside Ease	12"	NRCP	279.2					
Gleason St	8"	VCP	437.1					
Elevator St	8"	PVC	187.5					
Brookside Ease	12"	NRCP	181.9					
Brookside Ease	12"	NRCP	293.3					
Brookside Ease	12"	NRCP	168.8					
Brookside Ease	12"	NRCP	124.6					
Brookside Ease	15"	NRCP	287.1					
Brookside Ease	15"	NRCP	298					
Brookside Ease	15"	NRCP	293.2					
Brookside Ease	15"	NRCP	289.2					
Brookside Ease	15"	NRCP	299.8					
Brookside Ease	15"	NRCP	173.6					

Brookside Ease	10"	PVC	264.7					
Brookside Ease	15"	NRCP	344.5					
Brookside Ease	15"	NRCP	141.9					
Brookside Ease	12"	NRCP	271.2					
Brookside Ease	15"	NRCP	245.5					
Brookside Ease	15"	NRCP	284.5					
Fulmer Rd	10"	NRCP	222					
Atwood St	8"	VCP	30.7					
Beckwith St	8"	PVC	325.4					
Beckwith St	8"	PVC	322.9					
East St	10"	PVC	142.9					
East St	10"	PVC	153.3					
Ellis Rd	8"	ACP	315.9					
Ellis Rd	8"	ACP	213.3					
East St	10"	PVC	225.4					
East St	12"	VCP	237.7					
Ellis Rd	8"	ACP	232.4					
Ellis Rd	8"	PVC	403					
Fulmer St	12"	NRCP	21.4					
Fulmer St	12"	NRCP	269.6					
Fulmer St	12"	NRCP	344.6					
Fulmer Rd	15"	NRCP	270.8					
Fulmer Rd	15"	NRCP	268.8					
Fulmer Rd	15"	NRCP	272.4					
Fulmer St	8"	NRCP	14.2					
Ellis Rd	8"	ACP	108.4					
Industrial Dr	10"	PVC	461.8					
Industrial Dr	8"	VCP	375.3					
Industrial Dr	8"	VCP	375.3					
Industrial Dr	8"	VCP	375.3					
M-15	12"	NRCP	29.9					
M-15	15"	VCP	90.9					
M-15	15"	VCP	16.3					
M-15	15"	VCP	276.4					
Park Rd	8"	PVC	376					
Park Rd	8"	PVC	239.4					
Park Rd	8"	PVC	375.1					
Park Rd	8"	PVC	43.7					
Park Rd	8"	PVC	305.3					
Park Rd	8"	PVC	40.8					
Park Rd	8"	NRCP	241.1					
School	8"	VCP	233.3					
School	8"	VCP	349					
School	8"	VCP	112.9					
School	8"	VCP	321.2					

36639 1,831,965.00

Life Expectancy

PVC Polyvinyl Chloride 100 years Plastic/HDPE



VCP      Vitrified Clay Pipe      50 - 100 years  
 RCP      Reinforced Concrete Pipe      100 years  
 NRCP      Non-reinforced Concrete Pipe  
 ACP      Asbestos Concrete Pipe

Cleaning and Relining of Lagoon

**Date installed/Clean/reline**

Cell #1      12/6/2004

Cell #2

Cell #3

Life expectancy to be cleaned & relined -

Lift Stati Pumps/Controls

36639 - 1 mil 065.00

Life Ex. expectancy

Planned Date

Life Ex. years

Planned Date

Life Ex. years

Village of Millington  
Storm Drains

Supplement 2

Long Term Priority Projects (10-20 years)

Location	Size (in)	Ext'g Pipe Type	Length	Year Installed	Life Expectancy	Fix Type	Cost Est.	Time Line

Types of Pipes the Village uses		Life expectancy
HDPE	High-density polyethylene pipe	100 years
RCP	Reinforced Concrete Pipe	100 years
	Non-reinforced Concrete Pipe	



**Village of Millington  
Water Distribution Lines**
**Supplement 3**
**Long Term Priority Projects (10-20 years)**

Location	Main Size (in)	Ext'g Pipe Type	Length	Year Installed	Fix Type	Cost Est.	Time Line
Atwood St (Main St to North St)	10"			1980			
Beckwith St (all)	6"	PVC		2016			2086
ROW8 (end of Beckwith to Main St)	6"			1983			
Bishop (all)	10"			1980			
ROW4 (end of bishop, around water tower to Gleason)	10"			1980			
ROW5 (ROW4 to school mains)	10"			2002			
ROW6 (ROW5 end east to M15)	10"			2002			
ROW7 (Corner ROW5&6 - School Main)	10"			2005			
School Main (going south off ROW7)	6"			2008			
School Main (going north off ROW7)	6"			2005			
Brookside Ct (all)	6"	PVC		2016			2086
ROW9 (end of Brookside to Caine)	6"			1989			
Blocher St (between Main & Beckwith)	6"			2016			
Blocher St (between Beckwith & Center)	6"			2002			
Caine Rd (bet Ind. Dr & Park St)	10"			1996			
Caine Rd (bet Park St & Main St)	10"			2002			
ROW10 (Pump house to Caine)	6"			1996			
ROW11 (Pump house to Well #4?)	6"			2009			
ROW12 (Pump house to Well #3?)	6"			2009			
Center St (between M15 & Fulmer)	6"			2016			
Center St (bet. M15 & Gleason)	6"			1947			2027
Church St (bet. Center St & Main St)	6"			2002			
Depot St (bet. Main & Center)	6"			2002			
Depot St (bet. Center & Bishop)	6"			1947			
East St (from Main to Short)	6"	PVC		2016			2086
East St (from Short to end)	10"			1996			
East St (from Main to Center)	6"			2002			
ROW3 (end of East to Park St)	10"			1996			
Elevator (from Main to M15)	6"	PVC		2016			2086
Ellis Rd (Ind Dr - village limits)	6"			1996			
Ellis Rd (Ind Dr - North St)	10"			2002			
Fulmer Rd - Worth to _____	6"			1976			
_____ to Center	6"			2010			
Gleason (bet.Main & end)	10"			1980			
Industrial Dr (Ellis to Pine St)	10"			2002			
Industrial Dr (Pine St to Caine Rd)	10"			1996			
M15 (between Main & Beckwith)	6"	PVC		2016			
M15 (between North & Beckwith)	6"			1947			2027
M15 (between Main & Bishop)	6"			1940s			2027
M15 (between Bishop & village limit)	10"			2002			

Main - East (between M15 & Atwood)	6"	PVC		2016			
Main - East (between Atwood & Caine)	10"			2002			
Main - West (between M15 & Fulmer)	6"			1947			2027
North St (Atwood to M15)	10"			1980			
Park St (Caine Rd to ROW3)	10"			1996			
Short St (all)	6"			1996			
Worth St	6"			1968			
ROW1 - Off Worth going North	6"			2008			
ROW2 - Off Worth going South	6"			1968			

# of

Life Exp.

Water Meters	New Meters - cellular	79		20	2019		2039
	Old Meters	459		12	1999		2011

**Water Tower and Systems**

Last done

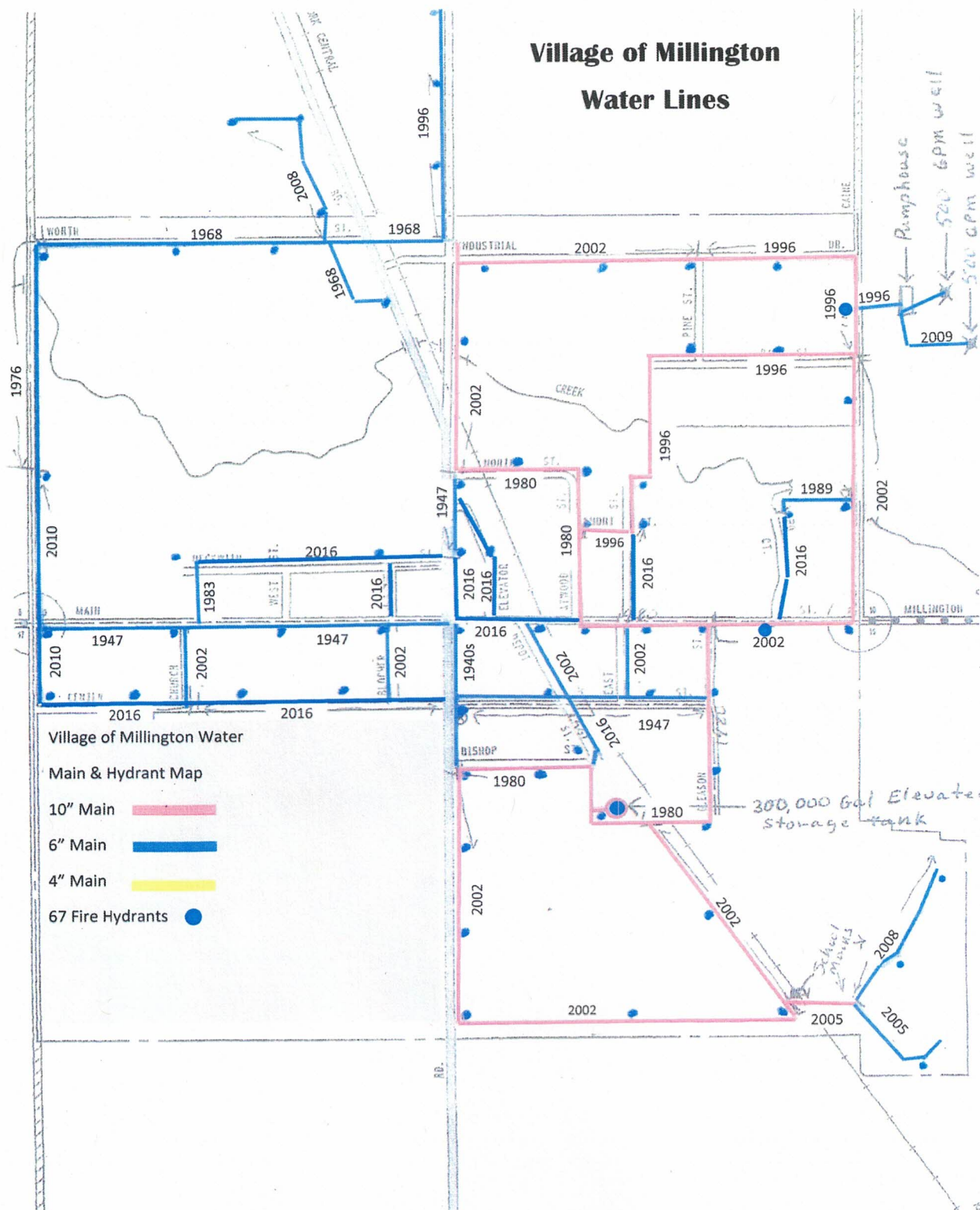
Life Exp.

Tower	repainted	2023		20			2043
Cathodic Protection							
SCADA system	Update planned 2023	Quote signed - waiting on parts					
VFD Well #3	RS Tech installed				2016		2024
VFD Well #4	Peerless installed				2022		2030

## Types of Water Distribution Lines

CIP	Cast Iron Pipes	120 years
IP	Iron Pipes	100 years
DIP	Ductile Iron Pipes	100 years
PVC	Polyvinyl Chloride	70 years
HDP	High-Density Polyethylene	70 years





**Village of Millington  
Streets**
**Supplement 4**
**List of all Street 21' width**

Location	Major St Local St	Last Paved	Previous Fix Type	Length	Square Yards	Life Expect.	Fix Type	Cost Est.	Time Line
Atwood St	Local St			944'			RC	67,000	2027
Beckwith St									
Blocher to Cemetary	Local St	2020	RC	1050'		20			2040
State St to Blocher	Major St	2020	RC	336'		20			2040
Bishop St	Local St			892'					
Blocher St									
Beckwith to Main St	Major St	2020	RC	388'		20			2040
Main St to Center St	Local St			526'					
Brookside Ct	Local St			570'					
Caine Rd	Local St			2650'					
Center St									
M15 to Fulmer	Local St	2016	RC	2549'		20			2037
M15 to Gleason	Major St						RC	100,000	2027
Church St	Local St			526'					
Depot St	Local St	2023	RC	1039'	2200	2023			2043
East St									
Main St to end going N	Local St			900'			RC	67,000	2031
Main St to Center St	Local St			528'					
Elevator St	Local St	2023	RC	890'	2350	2023			2043
Ellis Rd	Local St			1449'					
Fulmer Rd									
Main St to Worth St	Local St	2020	RC	2672'		20			2040
Main St to Village limits	Local St			2671'					
Gleason St	Major St	2011		1360'		20		91120	2031
Industrial Dr	Local St	1993		1269'		20	RC	85023	2027
Main St									
East - tracks to Caine	Major St	2001		2542'		20			2031
East - M15 to railroad tracks - Major		2020	RC			20			2040
West - M15 to Fulmer	Major St	2004		2549'		20	RC	70,000	2027
North St	Local St			768'			RC	65,000	2027
Park St	Local St			1250'					
Pine	Local St			725'					
Short St	Local St			330'			RC	15,000	2031
State St - MDOT	Parking lan	2017				20			2037
Worth St	Local St								

Asphalt Road last 15-20 years, but with good preventative maintenance, their lifecycles can increase.

PM - Preventative Maintenance: includes crack sealing, hot and cold patching.

RH - Rehabilitation: includes base repairs, spot repairs, milling, and resurfacing asphalt

RC - Reconstruction: includes tearing out the old pavement and replacing the entire road and stormwater drainage system.



## Street Improvements

2024 - 2034

## Short Term High Priority Projects (0-10 years)

Location	Fund	Project	Length	Cost	Timeline
Atwood	Local	Reconstruction		67,000	2027
North	Local	Reconstruction		65,000	2027
Industrial Dr	Local	Reconstruction of street	1269'x21'	93,300	2027
Main St - M15 west to Fulmer	Major	Reconstruction of street/WATER LINES		70,000	2027
Center Street - M15 to Gleason	Major	Reconstruction of street/WATER LINES		100,000	2027
Short	Local	Reconstruction	330'x21'	15,000	2031
East - Main to end going North	Local	Reconstruction	900'x21'	67,000	2031
Gleason St	Major	Reconstruction	1360'x21'	99960	2031
Main St - east - tracks to Caine	Major	Reconstruction	2542x21'	176,160	2031

## Street Improvements

2035-2045

## Long Term Medium Priority Projects (10-20 years)

Location	Fund	Project	Length	Cost	Timeline
Center - M15 to Fulmer	Local	Reconstruction	2549'x21'	187,352	2037
State - MDOT (parking lanes only)	Major	Reconstruction			2037
CHECK WITH MDOT ON NEXT TIME M15 WILL BE REDONE					
Beckwith - Blocher to Cemetery	Local	Reconstruction	1050'x21'		2040
Beckwith - State St to Blocher	Major	Reconstruction	336'x21'		2040
Blocher - Beckwith to Main St	Major	Reconstruction	388'x21'		2040
Fulmer - Main St to Worth St	Local	Reconstruction	2672'x21'		2040
Main St - east - M15 to railroad tracks	Major	Reconstruction			2040

Total: \$187,352

**Village of Millington  
Parking Lots**
**Supplement 5**
**Long Term Priority Projects (10-20 years)**

<b>Location</b>	<b>Size (ft)</b>	<b>Square feet</b>	<b>Square Yard</b>	<b>Year Installed</b>	<b>Last done</b>	<b>Fix Type</b>	<b>Cost Est.</b>	<b>Time Line</b>
Downtown Parking Lot	75'x250'	18,750	2,000		2023	RC		2053
					2023	Striping		
Maintenance Downtown Parking						PM	2000/bi-A	2025
Depot St Parking Lot	50'x280'	14,000	1,650		2023	RC		2053
					2023	Striping		
Maintenance Depot St Parking						PM	\$2,000/bi-A	2025
DPW Garage Parking Lot		15,000	1,370		2023	RC		2053
Maintenance DPW Garage								
Crack Fill					2018	PM	1000	2021
Sealed						PM		2025

Asphalt Parking lots last 15-30 years, but with good preventative maintenance, their lifecycles can increase.

PM - Preventative Maintenance: includes crack sealing, hot and cold patching.

RH - Rehabilitation: includes base repairs, spot repairs, milling, and resurfacing asphalt

RC - Reconstruction: includes tearing out the old pavement and replacing the entire road and stormwater drainage system.



## Village of Millington Buildings

## Supplement 6

### **Short & Long Term Priority Projects (10-20 years)**

[illegible]

**Village of Millington  
Equipment**
**Supplement 7**
**Estimated Equipment Replacement - Short & Long Term Priority Projects**

Year	Description	Make	Model or Series	GVW.Size Weight	Life Expectancy	Cost Est.	Time Line
1987	Backhoe	Case	580-K	12,990#	72 years		N/A
1990	Front Loader	Case	W14C	7000#	30 years	\$100,000	2020
2016	JCB Loader	JCB	536.6		30 years		2046
1991	Dump Truck #3	Chevrolet	Kodiak	26,180#	10 years		2025
2001	Dump Truck #2	International	4900	33,000#	10 years	75,000	2025
2003	Tractor	Kubota	L4300-GST(4x4)	3880#	25 years	25,000	2027
2023	Tractor	Kubota	L4300-GST(4x4)		25 years	25,000	2048
2004	Dump Truck #40	Freightliner	M-2	33,000#	10 years	75,000	2029
2014	Pickup Truck #22	Chevrolet	1,500	8700#	7 years	30,000	2023
2018	Pickup Truck #1	Chevrolet	2500 4x4	9200#	7 years	30,000	2025
2019	Kioti Tractor	Kioti			10 years		2029
2016	Mower	SCAG			10 years	12,000	2026
2017	Excavator	John Deere		60,000#	100 years		2117
2023	SCAG Mower	SCAG			10 years	12000	2033
2012	Tahoe	Chevy			7 years	37,000	2021
2018	Tahoe	Chevy			7 years	37,000	2025
2022	Trailer/heavy eq				20 years	12000	2042
2023	Ditch Mower				10 years	11000	2033

**Equipment Replacement**
**2021 - 2031**
**Short Term High Priority Projects (0-10 years)**

Description	Fund	Project	Cost	Timeline
Front Loader	Equipment	Replace 1990 Case Front Loader	100,000	2020
Pick up - DPW	Equipment	Replace 2014 Pickup & Plow	30,000	2023
Tahoe - Police	Equipment	Replace 2018 Tahoe	37,000	2025
Dump Truck	Equipment	Replace 2001 Dump Truck	80,000	2027
Pick up - DPW	Equipment	Replace 2018 Pick up & Plow	30,000	2025
Mower	Equipment	Replace 2016 SCAG Mower	12,000	2023
Tractor	Equipment	Replace 2003 Kubota Tractor	25,000	2027
Dump Truck	Equipment	Replace 2004 Freightliner Dump Truck	75,000	2029
Tractor	Equipment	Replace Kioti Tractor	20,000	2029
Ditch Mower	Equipment	New	11000	2023
<b>Total:</b>			<b>420,000</b>	

**Long Term Equipment Replacement**
**2031-2041**

The Village of Millington is committed to providing safe equipment for all of its workers. Continue to place funds annually into a reserve account for consistent trade in of older DPW trucks, mowers and Police Vehicles.

DPW Pickup Trucks - replace approximately every 7 years

Police Vehicles - replace approximately every 7 years