

City of Big Rapids  
**Capital Improvements Program**  
2024-2030

# Acknowledgements

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## Introduction

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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 City of Big Rapids' 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. The process of creating a CIP is a necessary part of 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 Big Rapids residents and stakeholders on how the municipality plans to address significant capital needs over the next six years. The CIP provides visual representations of the community's needs including tables 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 benefits that the CIP provides for the residents and stakeholders include:

- Optimizing the uses of revenue
- Focusing attention on community goals, needs, and capabilities
- Guiding future growth and development
- Encouraging efficient government
- Improving intergovernmental and regional cooperation
- Helping maintain a sound and stable financial program
- Enhancing 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 City Commission, Planning Commission, and City administration.

Plans and policies include:

- Master Plan Addendum 2018
- Downtown Blueprint Update 2016
- Tax Increment Financing (TIF) Plan
- Parks and Recreation Master Plan 2022-2026
- Bicycle and Pedestrian Plan 2012
- Goals and Objectives of City Commission
- 2020 Housing Study
- 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, a call for new projects is made, and adjustments are made to existing projects arising from changes in the amount of funding required, conditions, or timeline. 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 providing more detailed information about individual project requests, program planning, fiscal analysis, fiscal policies, and developing debt strategy.

## **CIP and 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 projects portion of the annual budget. Recommending 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 recommending approval of the 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. For example, a road-widening project which is ranked lower than a park project may be funded before the park project because the road project has access to a restricted revenue source, whereas a park project may have to compete for funding from other revenue sources. A project's funding depends upon several factors-not only its merit, but also its location, cost, funding source, and logistics.

The community of Big Rapids 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.

**Definition**

As used in the City of Big Rapids Capital Improvements Program (CIP), a capital improvement project is defined as a project that results in the acquisition, addition, updating, or development of physical facilities. A capital improvement project may also include contractual or bonded indebtedness payments related to fix assets, or any major expenditure for physical development, which generally falls into one of the following categories:

1. Land and non-structural improvements
2. New structures
3. Major repairs - \$7,500 or more
4. Major replacements - \$7,500 or more
5. Non-motorized equipment - \$7,500 or more

Additionally, capital improvements are generally defined as the following:

- a) New and expanded physical facilities for the community which are relatively large-in-size, expensive, and permanent.
- b) Large scale rehabilitation or replacement of existing facilities.
- c) Major pieces of equipment which have a direct relationship to the function of a physical facility, and which are relatively expensive and of long life.
- d) Purchase of equipment for any public improvements when first erected or acquired that are to be financed in whole or in part from bond funds.
- e) The cost of engineering and architectural studies and surveys related to an anticipated improvement.

# **CIP Process**

Groups and Rules

Project Analysis & Prioritization

Capital Improvement Approval

## **Process**

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The process of creating the Capital Improvements Program took place over five months and including staff from every department in the City.

### **Groups and Roles**

The first step in the process was getting the different people and groups necessary to fill vital roles in drafting the Capital Improvements Program. The groups and roles are described below:

Policy Group: reviews the policy, develops the project rating and weighting criteria, rates and weights project applications, and presents the recommendation to the Administrative Group.

- City Manager
- City Treasurer
- Director of Public Works
- Police Chief
- Fire Chief
- Superintendent of Water Plant
- Superintendent of Wastewater Plant
- Street Superintendent
- Community Development Director



Administrative Group: clarifies any issues, finalizes the priorities, and brings the CIP draft forward to the Planning Commission.

- City Manager
- City Treasurer
- Community Development Director

Planning Commission: works with the Policy Group during the plan development, conducts workshops (if necessary), reviews the Administrative Group's recommendation, receives public input, and makes recommendations to the City Commission to adopt the plan and consider incorporating funding for the first-year projects into the annual budget.

City Commission: adopts the CIP, uses the CIP as a tool in the adoption of the annual budget in accordance with the governing body goals and objectives.

Residents: encouraged to participate in plan development by working with various boards and commissions at the Planning Commission meetings, and at the City Commission's budget workshops and public hearings. As always, communication is open between residents, City Commissioners, Planning Commissioners, and staff.

## **Project Analysis and Prioritization**

Upon receiving requests from various Departments for capital improvement funding, the Policy Group engaged in a process of scoring projects utilizing the following review criteria:

1. Project will improve quality of life and/or quality of service of residents and users.
2. If deferred, absence of project would negatively impact residents and users.
3. Project is part of a multi-year funding commitment.
4. Project is part of, or complements, other ongoing projects.
5. Project is part of an approved City plan.

Projects were scored on a scale from 1-5. Additionally, departments proposing projects provided an internal department priority ranking out of the number of projects proposed. Average scores and department priorities are included in the final project tables.

After reviewing department priorities and Policy Group scoring, the Administrative Group prioritized projects and recommend projects to the Planning Commission according to the following categories:

### **Priority 1: Essential**

Project cannot be postponed, as it is essential; partially completed; meets an emergency situation, or remedies a condition dangerous to public health, welfare, or safety; or the City is committed by contractual arrangement. Only essential projects should be so classified.

### **Priority 2: Desirable**

Project should be carried out within a few years to meet anticipated needs of a current program or for the replacement of unsatisfactory facilities. These include projects that are needed to maintain the department program at current level of performance, projects that would benefit the community, and projects whose validity of planning and validity of timing have been established.

### **Priority 3: Acceptable**

Project is needed for the proper expansion of a program or facility with the exact timing, waiting, until funds are available. These are projects that are adequately planned, but not absolutely required, and should be deferred to a subsequent year if budget reductions are necessary.

### **Priority 4: Deferrable**

Project is needed for an ideal operation but cannot yet be recommended for action. Can safely be deferred beyond the third year of the six-year projection.

### **Priority 5: Needs Further Study**

Project is desirable but not essential, can be safely postponed without detriment to preset services, rated lowest of those submitted, and/or needs further study before being recommended for funding.

**Capital Improvement Approval**

While the Planning Commission will play an important role in developing a CIP, recommendations coming from the Planning Commission to the City Commission are purely advisory in nature. It is the sole responsibility of the City Commission to approve and adopt a CIP for any given year.

The Planning Commission reviewed the CIP on \_\_\_\_\_ and unanimously recommended that the City Commission adopt the 2024-2030 Capital Improvement Plan.

The City Commission adopted the Capital Improvement Plan at their regular meeting on \_\_\_\_\_

# Program Funding

General Fund

Major & Local Streets

Downtown Development Authority

Library Fund

Airport Fund

Dial-A-Ride Transit Fund

Wastewater & Wastewater Replacement

## **Program Funding**

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The City of Big Rapids has several funding sources for these Capital Improvements projects. This is necessary due to the substantial financial resources required to meet the goals of the Program. Most capital funding sources are earmarked for specific purposes and cannot be transferred from one capital program to another. For example, funds raised by the community for fire protection services must be used for the purposes that were stated when the voters approved the funding. The CIP has to be prepared with some projects as to the amount of money available. The following is a summary of the funding sources for projects included in the CIP.

### **General Fund**

The General Fund is the fund that is responsible for many of the daily operations of the City. The fund has three major revenue sources: property tax, income tax, and state shared revenue. Collectively, these three revenue items are responsible for 87% of General Fund income. Over the last fiscal year, the revenue collected from these sources has increased for income tax and property, revenue sharing has decreased due to decrease in 2020 census population. The largest driver of cost in the General Fund is public safety related expenditures which account for roughly 43% of the budget. As a best practice measure, the Government Finance Officers Association (GFOA) recommends retaining a fund balance of two months of operating expenses, which is approximately \$1,400,000 for the City of Big Rapids.

### **Major and Local Streets**

The Michigan Department of Transportation, through Public Act 51, requires each incorporated municipality to submit an annual report to the State Transportation Commission identifying any changes made to the mileage of their street system. Changes to the street system, if they meet the State's specifications, are reflected on the City's Certified Mileage Map. Certified mileage for major and local streets are used to distribute Act 51 revenues to communities. These revenues are derived by taxes imposed directly or indirectly on vehicle fuel sales. The City of Big Rapids currently has 37.90 miles of certified streets, including 14.50 miles of major streets and 23.40 miles of local streets.

### Downtown Development Authority

The Downtown Development Authority (DDA) was created in 1985 to correct and prevent deterioration and to promote economic growth within the downtown area. The DDA governing body consists of individuals that were appointed by the City Commission, who also approves the DDA budget. The DDA is funded with a 1.9728 mill tax levied on all taxable property within the district. It is also responsible for the promotion and funding of downtown activities, such as the Big Rapids Farmer's Market.

### Library Fund

The Library Fund is responsible for the operation and maintenance of the Big Rapids Community Library. The Library is funded from several different sources: .9969 mill levied by the City of Big Rapids, penal fine distributions, state aid, a 0.2 mill levy from Big Rapids Charter Township, and a subsidy from the City's General Fund. Salaries, fringe benefits, and library materials comprise most of the Library's current budget. In 2014, the City issued bonds in the amount of \$530,000 to renovate the existing facility. The Library Fund is responsible for the debt service associated with this bond issue. The bond for the renovation will be paid off in fiscal year 2024-2025.

### Airport Fund

The Airport Fund is responsible for the operation and maintenance of the Roben Hood Airport. It is funded through fuel sales, rent from hangar leases, mechanic services, and subsidies from the City's General Fund. The main drivers of costs are salaries and fringe benefits for airport staff, fuel purchases, and debt service on the Community Hangar. The Airport is working on an expansion plan to extend a runway, allowing for larger planes to land. This expansion is included in this year's CIP.

### Dial-A-Ride Transit Fund

The City's Dial-a-Ride Transit (DART) system has been providing "curb to curb" public transportation service to the Big Rapids community since 1975. DART has provided more than 3.5 million rides, offering safe, dependable, affordable transportation through a shared ride, demand-response public transportation service. Many patrons use DART as their sole source for fulfilling shopping, medical, education, and socializing needs. DART is a key amenity which separates the City of Big Rapids from other regional communities, providing the ability to get anywhere in Big Rapids to all persons. The DART Fund is supported by several different sources, including Michigan Department of Transportation (MDOT), federal funding, Ferris State University shuttle service, passenger fares, and the City's General Fund.

### Wastewater and Wastewater Replacement

The purpose of the Big Rapids Wastewater Collection System and Treatment Plant is to protect public health and preserve the aquatic environment, thereby enhancing the quality of life for area residents. The wastewater system serves an 11-square mile area, which encompasses three jurisdictions: the City of Big Rapids, Big Rapids Charter Township, and Green Charter Township. Each community owns and operates their own wastewater collection system, including gravity sewers, pumping stations, and force mains. The City of Big Rapids owns and operates the Publicly Owned Treatment Works

(POTW), also known as the Wastewater Treatment Plant (WWTP). The WWTP is funded by user fees collected from the approximately 2,200 customers of the system. The wastewater collection and treatment system serves a population of approximately 20,000 people. The system has approximately 33 miles of gravity and force sewer mains as well as 15 lift stations. The Wastewater Replacement Fund is supported by annual contributions from each municipality that is connected to the system.

#### Water and Water Replacement Funds

The City's water system includes the operation and maintenance of the City's Water Treatment Plant, the distribution lines from the plant, and the upkeep of four water towers. The Water Fund's major revenue source is the usage rates collected from roughly 2,200 customers. Each year, rates are reviewed to correctly account for the funds needed to operate and maintain the plant. The Water Fund has three main cost centers: Production, Transmission, and Customer Service, with production accounting for about 45% of the budget. The Water Fund also transfers resources to the Water Replacement Fund for capital projects related to the water system.

The Water Replacement Fund exists to account for the replacement of capital items throughout the water system. It is funded by quarterly transfers from the Water Fund. The City has a goal to deposit \$700,000 per year into this fund to properly maintain the water system.

#### Motor Pool Fund

The City's Motor Pool is a part of the Department of Public Works (DPW) and maintains a variety of different vehicles and equipment, including 7 Dial-A-Ride buses, 44 pickups and cars, 4 loaders and backhoes with various attachments, 7 dump trucks with plows, scrapers, and spreaders. The Motor Pool also maintains everything from garbage trucks to chainsaws for use by DPW. In total, the Motor Pool maintains over 240 different pieces of equipment. Maintenance and replacement programs are in place to ensure the safety and utility of all vehicles. The Motor Pool Fund is supported by equipment rental charges to all funds that use the equipment.

## *Financial Breakdown*

<b><i>Fund</i></b>	<b><i>Budget Year</i></b>						<b><i>Total</i></b>
	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030	
<i>General Fund</i>	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000
<i>Major Streets &amp; Local Streets</i>	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$2,700,000
<i>Airport Fund</i>	\$17,500	\$17,500	\$17,500	\$17,500	\$17,500	\$17,500	\$105,000
<i>DART Fund</i>	\$-	\$-	\$-	\$-	\$-	\$-	\$-
<i>Library Fund</i>	\$-	\$-	\$-	\$-	\$-	\$-	\$-
<i>Wastewater Fund and Wastewater Replacement Fund</i>	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,000,000
<i>Water Fund and Water Replacement Fund</i>	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,000,000
<i>Motor Pool Fund</i>	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000
<b><i>Total</i></b>	<b>\$2,367,500</b>	<b>\$2,367,500</b>	<b>\$2,367,500</b>	<b>\$2,367,500</b>	<b>\$2,367,500</b>	<b>\$2,367,500</b>	<b>\$14,205,000</b>

The above chart shows the portion of each fund set aside to finance proposed CIP projects



# **Capital Improvements Program**

## **2024-2030**

*2024-2025 Projects Funded*

*Airport Fund*

Runway 9 Extension	Extension of runway, city will be reimbursed over next 3-4 years, responsible for 5% of project costs	\$ 830,000	This project will be financed and then partially reimbursed over multiple years
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*General Fund*

Zoning Ordinance Update	Update whole zoning ordinance once master plan is done	\$ 50,000	MSHDA grant funding, no match required
Clay Cliffs	Develop a mile of ADA compliance trail within Clay Cliffs	\$ 500,000	Grant funding for \$400,000, match is \$100,000
Banners - Depot Trail & Baldwin Street Bridge	Develop plans for putting lights and banners to Depot Trail and Baldwin Street Bridge (up to the hill)	\$ 25,000	
Engine 4	Replace a 1998 Fire Engine	\$ 100,000	
Drinking Fountain/Water Station	Replace current drinking fountain with fountain and water filling stations at public safety	\$ 7,500	
100 S Warren	Mill and Pave, Replace asphalt under carports with concrete	\$ 75,000	\$45,900 of this money is for the concrete, which the Housing Commission will pay
Public Safety Parking Lot	Mill and replace existing asphalt in the parking lots and driveways	\$ 40,000	Back portion only
N End Park Restroom	Add 6 unisex bathrooms at Northend park	\$ 160,000	
Sidewalk Program	Annual program, \$25,000 maintenance, \$25,000 new sidewalks	\$ 50,000	

*Motor Pool*

Dump Truck	Replace 2000 Dump Truck	\$ 200,000	
Police ATV	Purchase an ATV to help patrol local trail system	\$ 50,000	
DPW Parking Lot	Maintenance of existing parking lot to prevent replacement	\$ 25,000	

*DDA Fund*

DDA Signage	New signage for the downtown	\$ 50,000	The total is \$100,000, \$50,000 carryover from last year
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*Pool Fund*

Pool Marcite	Deep end of the pool marcite to fix it before we see structural damage (3 years funding)	\$ 51,542	
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*Local Streets*

Asphalt Mill & Fill S. Stewart & 4 <sup>th</sup> Ave	Remove and repave asphalt services	\$ 180,000	
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W. Waterloo St	Pulverize and repave waterloo, going from 20 feet to 22 feet wide	\$ 105,000	
<i>Major Streets</i>			
Fuller Ave	Pave half of the road that the water fund cannot cover	\$ 105,000	
<i>Waste Water Fund</i>			
Digester, Aeration Feasibility	Feasibility study for correction size of blowers, diffusers	\$ 40,000	
EQ Basin Blower Motor	Replace EQ Basin Blower Motor	\$ 14,000	
<i>Water Fund</i>			
Water Tower Cleaning	Clean Perry & State Street water towers	\$ 8,750	
HMC Upgrades	Install larger pump at location for fire suppression efforts in the subdivision	\$ 500,000	
Lead Service Line Replacement	Replace identified service lines	\$ 50,000	
Repaint Clarifiers	Repaint both clarifiers	\$ 560,000	
Fuller Ave Water Main	Replace old water main with 12" main (broke 7 times already)	\$ 580,000	
WTP SCADA Upgrade	SCADA upgrades on all satellite sites	\$ 230,260	
Valve Turner	Replace a current valve turner that is no longer serviceable	\$ 100,000	
Insert Valves	Install two new valves to eliminate a leaking valve behind Fairman Building	\$ 66,000	

## 2024-2025 Project Requests

<i>Department</i>	<i>Project Title</i>	<i>Brief Description</i>	<i>Dept Ranking</i>	<i>Request</i>	<i>Ranking Average</i>	<i>Funded Amount</i>	<i>Notes on Project</i>
<i>Airport</i>	Runway 9 Extension	Extension of runway, city will be reimbursed over next 3-4 years, responsible for 5% of project costs	1	\$830,000	1.6666667	\$ 830,000	This project will be financed and then partially reimbursed over multiple years
<i>Community Development</i>	Zoning Ordinance Update	Update whole zoning ordinance once master plan is done	1	\$50,000	2	\$ 50,000	MSHDA grant funding, no match required
	Clay Cliffs	Develop a mile of ADA compliance trail within Clay Cliffs	1	\$500,000	2.8333333	\$ 500,000	Grant funding for \$400,000, match is \$100,000
	Banners - Depot Trail & Baldwin Street Bridge	Develop plans for putting lights and banners to Depot Trail and Baldwin Street Bridge (up to the hill	3	\$25,000	2	\$ 25,000	
<i>Fire Department</i>	Engine 4	Replace a 1998 Fire Engine	1	\$500,000	2.1666667	\$ 100,000	
<i>Library</i>	RFID Security Gates and inventory wand	Security gates prevent someone from leaving the library with inventory, wand allows for self-checkout	1	\$25,000	3	\$ -	
<i>Motor Pool</i>	Dump Truck	Replace 2000 Dump Truck	1	\$200,000	1.3333333	\$ 200,000	
	Police Car	Replace 2019 Ford Interceptor	2	\$70,000	1.8333333	\$ -	This project is funded in 2023-2024 budget
	Police ATV	Purchase an ATV to help patrol local trail system	3	\$50,000	3.5	\$ 50,000	
<i>Public Safety</i>	Facilities	Stabilize the building foundation	1	\$100,000	1.167	\$ -	Gap readers have installed to measure the movement over time
	Drinking Fountain/Water Station	Replace current drinking fountain with fountain and water filling stations	1	\$7,500	3.3333333	\$ 7,500	
<i>Public Works</i>	100 S Warren	Mill and Pave, Replace asphalt under carports with concrete	1	\$75,000	2.1666667	\$ 75,000	\$45,900 of this money is for the concrete, which the Housing Commission will pay
	Public Safety Parking Lot	Mill and replace existing asphalt in the parking lots and driveways	2	\$85,000	2.8333333	\$ 40,000	Back portion only

## 2024-2025 Project Requests

<i>Department</i>	Project Title	Brief Description	Dept Ranking	Request	Ranking Average	Funded Amount	Notes on Project
<i>Public Works</i>	DDA Signage	New signage for the downtown	1	\$50,000	1.5	\$ 50,000	The total is \$100,000, \$50,000 carryover from last year
	W. Waterloo St	Pulverize and repave waterloo, going from 20 feet to 22 feet wide	1	\$105,000	1	\$ 105,000	
	DPW Break Room	Update failing brake room floors and furniture	3	\$15,000	3	\$ -	
	DPW Parking Lot	Maintenance of existing parking lot to prevent replacement	1	\$25,000	1.8333333	\$ 25,000	
	Valve Turner	Replace a current valve turner that is no longer serviceable	1	\$100,000	1.3333333	\$ 100,000	
	N End Park Restroom	Add 6 unisex bathrooms at Northend park	1	\$160,000	1.8333333	\$ 160,000	
	Pool Marcite	Deep end of the pool marcite to fix it before we see structural damage (3 years funding)	1	\$51,542	2.3333333	\$ 51,542	
	Mitchell Crk Ct	Replaces a sagging line that causes issues	1	\$165,000	1	\$ -	Next year this will be part of the WWTP/Infrastructure Bond
	Sidewalk Program	Annual program, \$25,000 maintenance, \$25,000 new sidewalks	1	\$50,000	1.3333333	\$ 50,000	
	Darwin Street	Complete reconstruct of Darwin, storm and water (2-year funding)	1	\$300,000	1.6666667	\$ -	
	Division Street	7 Manholes, storm pipe, road, sanitary sewer (2-year funding)	3	\$175,000	3.1666667	\$ -	This could be a part of the WWTP/Infrastructure Bond
	Fuller Ave	Pave half of the road that the water fund cannot cover	1	\$105,000	3	\$ 105,000	
	Hanson Street	Final gravel street upgrade (3-year funding)	1	\$200,000	3	\$ -	
	Asphalt Mill & Fill S. Stewart & 4 <sup>th</sup> Ave	remove and repave asphalt services	1	\$180,000	2	\$ 180,000	

## 2024-2025 Project Requests

<i>Department</i>	<i>Project Title</i>	<i>Brief Description</i>	<i>Dept Ranking</i>	<i>Request</i>	<i>Ranking Average</i>	<i>Funded Amount</i>	<i>Notes on Project</i>
	Mitchell Crk Ct	Mill and Pave	2	\$90,000	2.1666667	\$ -	Maybe able to link with Pine to Bernies in future
<i>Public Works</i>	Insert Valves	Install two new valves to eliminate a leaking valve behind Fairman Building	1	\$66,000	2	\$ 66,000	
	Fuller Ave Water Main	Replace old water main with 12" main (broke 7 times already)	1	\$580,000	1	\$ 580,000	
<i>Wastewater</i>	East Screw Pump	Money has been set aside in 20/21, 21/22, 22/23 to complete	1	\$300,000	1.1666667	\$ -	Next year this will be part of the WWTP/Infrastructure Bond
	Digester, Aeration Feasibility	Feasibility study for correction size of blowers, diffusers	2	\$40,000	1.8333333	\$ 40,000	
	EQ Basin Blower Motor	Replace EQ Basin Blower Motor	3	\$14,000	3.1666667	\$ 14,000	
<i>Water Treatment Plant</i>	Water Tower Cleaning	Clean Perry & State Street water towers	2	\$8,750	2.2857143	\$ 8,750	
	HMC Upgrades	Install larger pump at location for fire suppression efforts in the subdivision	4	\$500,000	2.2857143	\$ 500,000	
	Lead Service Line Replacement	Replace identified service lines	1	\$50,000	1.4285714	\$ 50,000	
	Repaint Clarifiers	Repaint both clarifiers	5	\$560,000	2.8571429	\$ 560,000	
	WTP SCADA Upgrade	SCADA upgrades on all satellite sites	3	\$230,260	2	\$ 230,260	

Totals:

Projects Requested: 38

Money Requested: \$6,638,052

Projects Funded: 28

Money Funded: \$4,753,052

*2025-2026 Projects*

Department	Project Title	Brief Description	Dept Ranking	Request	Ranking Average	Funded Amount	Notes on Project
Fire Department	Extrication Equipment	Upgrade Jaws of Life equipment	1	\$40,000	1.75	\$40,000	
Motor Pool	Maintenance Van	Replacing 2007 Chevy, Van with shelving	1	\$75,000	2.5	\$75,000	Possible Water Plant Funding
	Maintenance Truck	Replace a 2006 Chevy with new 3/4-ton plow and lift gate truck	2	\$85,000	2.1666667	\$85,000	
	Engineering Truck	Replace a 2008 4x4 truck with topper	3	\$75,000	2.1666667	\$75,000	
Public Safety	Public Safety Community Room	Upgrade audio visual system for PS Community Room	3	\$50,000	2.6666667	\$50,000	
	Lidar	Update existing Lidar (speed and distance models)	1	\$25,000	2.1666667	\$25,000	
	Speed Trailer	New Speed Trailer, existing does not work	1	\$25,000	2.1666667	\$25,000	
Public Works	Woodward Culvert	Replace existing culvert on Woodward Ave	1	\$600,000	1.4	600,000	Partially funded through State money
	Pool Marcite	Deep end of the pool marcite to fix it before we see structural damage (3 years funding)	1	\$51,542	2.1666667	\$51,542	
	Sidewalk Program	Annual program, \$25,000 maintenance, \$25,000 new sidewalks	1	\$50,000	1.3333333	\$50,000	
	Darwin Street	Complete reconstruct of Darwin, storm and water (2-year funding)	1	\$300,000	2	\$ 0	
	Division Street	7 Manholes, storm pipe, road, sanitary sewer (2-year funding)	3	\$175,000	2.5	\$ 0	Potential to be part of Bond
	300 Block Henderson	Henderson street paving (last section). Darwin Street must be done first	2	\$250,000	2.3333333	\$ 0	
	Hanson Street	Final gravel street upgrade (3-year funding)	1	\$200,000	2.5	\$ 0	

*2025-2026 Projects*

Department	Project Title	Brief Description	Dept Ranking	Request	Ranking Average	Funded Amount	Notes on Project
Public Works	Speer to City Limit Water Main	Citizen Request to extend water main from Harding to city limits (2-year funding project)	1	\$490,000	2.3333333	\$490,000	
Wastewater	Novak Lane Lift Station	Remove and install new lift station	1	\$695,000	1.3333333	\$695,000	Part of the Bond
	WWTP Scada System	Replace and upgrade SCADA server hardware and software throughout plant and lift station	2	\$415,000	2	\$415,000	Part of the Bond
	D.O. Equipment Basins	Replace existing D.O. equipment, basins, and digesters	3	\$100,000	3	\$100,000	Part of the Bond
	Lighting Upgrade	Retrofit and upgrade light fixtures to explosion proof LED lights	4	\$34,000	4	\$34,000	
Water Treatment Plant	WTP Roof Maintenance	Have a portion of the roof restored		\$100,000	1.5714286	\$100,000	
	Bulk Water Fill Station	Install a bulk water filling station in industrial park		\$75,000	2.1428571	\$75,000	
	Distribution Valve Replacement	Replace 4 valves and add an additional valve		\$150,000	2	\$150,000	

Totals:

Projects Requested: 22

Money Requested: \$4,060,542

Projects Funded: 18

Money Funded: \$3,135,542



*2026-2027 Projects*

<b>Department</b>	<b>Project Title</b>	<b>Brief Description</b>	<b>Dept Ranking</b>	<b>Cost</b>	<b>Ranking Average</b>	<b>Funded Amount</b>	<b>Notes on Project</b>
Fire Department	IT Improvement	Replacement of 3 computers and a monodpad used for training	1	\$15,000	2	\$15,000	Possibly do 2025-2026 with other improvements
<b>Motor Pool</b>	Police Car	Replace a 2022 Ford Interceptor	1	\$75,000	1.3333333	\$75,000	
	1 Ton Truck	Replace a 2008 Ford (over 300,000 miles) with a 1-ton 4x4 Diesel with plow and 5th wheel hitch	2	\$55,000	1.8333333	\$55,000	
	1 Ton Truck	Replace 2005 Chevy Truck (Grass Rigg)	3	60,000	3.1666667	\$60,000	
<b>Public Works</b>	Compost Site	Need to create a new site as existing is not in compliance with E.G.L.E.	1	\$125,000	1.8333333	\$0	Is there a timeline required by EGLE
	Pool Marcite	Deep end of the pool marcite to fix it before we see structural damage (3 years funding)	1	\$51,542	2.1666667	\$51,542	
	Swede Hill Restroom	Adding permanent restroom facility for two unisex bathrooms and maintenance, onsite well and septic	1	\$415,000	2.5	\$415,000	On sewer & water not septic and well
	Sidewalk Program	Annual program, \$25,000 maintenance, \$25,000 new sidewalks	1	\$50,000	1.5	\$50,000	
	Hanson Street	Final gravel street upgrade (3-year funding)	1	\$200,000	2.5	\$0	
	Speer to City Limit Water Main	Citizen Request to extend water main from Harding to city limits (2-year funding project)	1	\$490,000	2.3333333	\$490,000	
	Woodward Ave Storm	Storm sewer replacement, Bailey to Ridgeview, at risk of failing	1	\$110,000	1.8333333	\$110,000	
<b>Wastewater</b>	Aeration Basin Blowers	Replace 3 blowers and related piping and SCADA controls	1	\$873,000	1.8333333	\$873,000	Bond Issue
	Aeration Diffusers	Replace aeration diffusers in all four basins	2	\$100,000	2.3333333	\$100,000	Bond Issue
	Headworks Heater	Replace the heater in headworks building	3	\$100,000	2.5	\$100,000	Bond Issue

<b>Wastewater</b>	Headworks Staircase	Replace current cement staircases	3	\$90,000	3.8333333	\$90,000	Bond Issue
<b>Water Treatment Plant</b>	Booster Pump @ State Street	Install a new pump at the State Street Booster Station		\$100,000	1.7142857	\$100,000	

Totals:

Projects Requested: 16

Money Requested: \$2,909,542

Projects Funded: 14

Money Funded: \$2,584,542

## 2027-2028 Projects

Department	Project Title	Brief Description	Dep Ranking	Cost	Ranking Average	Funded Amount	Notes on Project
Fire Department	Fire Hose Replacement	This is to request additional hose to what is existing, not a replacement	1	\$20,000	1.5	\$20,000	
Motor Pool	Police Car	Replace a 2022 Ford Interceptor	1	\$75,000	1	\$75,000	
	Engineering Truck	Replace a 2008 Chevy with a 4x4 truck with topper	2	\$75,000	2	\$75,000	
	Wing Mower	Replace a 2002 Wing Mower	3	\$85,000	3	\$85,000	
Public Works	Hemlock Park Pavilion	Replace the hemlock park pavilion	1	\$417,300	1.6666667	\$0	
	Sidewalk Program	Annual program, \$25,000 maintenance, \$25,000 new sidewalks	1	\$50,000	1.3333333	\$50,000	
Wastewater	Aerobic Digester Blowers	Replace 4 Lobe Blowers and Piping, update SCADA controls	1	\$1,672,000	2	\$1,672,000	Bonding Issue
	Digester Diffusers	Replace all the diffusers in the north and south digester	2	\$50,000	2.1666667	\$50,000	Bonding Issue
Water Treatment	Clean Wells 1 & 4	Clean two wells to remove loose material and screens	1	\$55,000	1.1428571	\$55,000	

Totals:

Projects Requested: 9

Money Requested: \$2,499,300

Projects Funded: 8

Money Funded: \$2,082,000

## 2028-2029 Projects

Department	Project Title	Brief Description	Dep Ranking	Cost	Ranking Average	Funded Amount	Notes on Project
Fire	Individual Thermal Imagers	Thermal imaging cameras for all fulltime firefighters	1	\$10,000	1.5	\$10,000	
<b>Motor Pool</b>	Police Car	Replace a 2022 Ford Interceptor	1	\$75,000	1	\$75,000	
<b>Motor Pool</b>	Woodchipper	Replace a 1998 Woodchipper	2	\$85,000	2.6666667	\$85,000	
<b>Motor Pool</b>	Blacktop Roller	Replace a 1991 Blacktop Roller	3	\$60,000	2.8333333	\$60,000	
<b>Public Works</b>	Pipe Storage Building	72x40 Pole barn with a lean too to store piping and equipment	2	\$120,000	2.6666667	\$0	Assess Need
<b>Public Works</b>	Sidewalk Program	Annual program, \$25,000 maintenance, \$25,000 new sidewalks	1	\$50,000	1.3333333	\$50,000	
<b>Public Works</b>	W. Waterloo St	pulverize existing mater and add 2 inches of new asphalt	1	\$105,000	2.3333333	105,000	Find a way to move up if possible
<b>Wastewater</b>	Vortex Grit Removal	Install new grit removal machinery	1	\$906,000	1.6666667	\$906,000	Bond Issue
<b>Wastewater</b>	Exterior Doors	Replace 12 exterior doors	2	\$60,000	2.6666667	\$0	Assess Need
<b>Water Treatment Plant</b>	New Lab Equipment	Replace spectrophotometer to ensure adequate readings		\$10,000	1.5714286	\$10,000	

Totals:

Projects Requested: 10

Money Requested: \$1,481,000

Projects Funded: 8

Money Funded: \$1,301,000

2029-2030 Projects

<u>Department</u>	<u>Project Title</u>	<u>Brief Description</u>	<u>Dep Ranking</u>	<u>Cost</u>	<u>Ranking Average</u>	<u>Funded Amount</u>	<u>Notes on Project</u>
Fire	Water Tender Replacement	Replace two 1993 tenders with a tender of larger capacity	1	\$400,000	1.666666667	400,000	
<b>Motor Pool</b>	Street Sweeper	Replace 2006 Street Sweeper	1	\$170,000	1.5	170,000	
<b>Public Works</b>	Sidewalk Program	Annual program, \$25,000 maintenance, \$25,000 new sidewalks	1	\$50,000	1.333333333	50,000	
<b>Public Works</b>	Michigan & Grand Traverse Water Service Line	Replace road and water services	1	\$200,000	2	200,000	
<b>Wastewater</b>	Sieve Drom Concentrator	Replace Sieve Drom Concentrator machine and related piping	1	\$909,000	2	909,000	Bond Issue
<b>Wastewater</b>	Digester Insulated Covers	Build and install insulated covers of digesters and insulate perimeter walls	2	\$865,000	2.5	\$0	
<b>Wastewater</b>	Tioga Park Lift Station	Replace pumps, electrical controls, ballast and coat piping	2	\$100,000	2.2	\$100,000	Bond Issue
<b>Water Treatment Plant</b>	Gilbert Drive/205th/Perry	Loop Gilbert Drive back to Perry with 12" water main	1	2,000,000	3.166666667	\$0	
<b>Water Treatment Plant</b>	Redundant Raw Water Main	Install second raw water main from well house to water plant		\$2,000,000	2.833333333	\$0	

Totals:

Projects Requested: 9

Money Requested: \$6,694,000

Projects Funded: 6

Money Funded: \$1,829,000