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# The City of Grand Ledge



## CAPITAL IMPROVEMENTS PLAN DRAFT

July 1, 2023 – June 30, 2028

# DRAFT

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**LIST OF PROJECTS – Detailed information of each project is found on pages 24-89.**

**AIR ABRAMS MUNICIPAL AIRPORT**

**ADM ADM-CH: ADMINISTRATION – CITY HALL/ ADM-PD: POLICE DEPARTMENT**

**DDA DOWNTOWN DEVELOPMENT AUTHORITY**

**EQP DPS: EQUIPMENT - DEPT. OF PUBLIC SERVICES**

**P&R DPS-P: PARKS & RECREATION - DEPT. OF PUBLIC SERVICES - PARKS**

**STS DPS: STREETS - DEPT. OF PUBLIC SERVICES**

**W&S DPS-W: WATER & SEWER - DEPT. OF PUBLIC SERVICES - SEWER**

**W&S DPS-W: WATER & SEWER - DEPT. OF PUBLIC SERVICES - WATER**

## CIP OVERVIEW

### What is a Capital Improvements Plan (CIP)?

Capital improvements programming is the preparation and updating of a recommended schedule of public works and related equipment to be built or purchased during the next five years. To be effective, the City's Capital Improvements Plan (CIP) will cover the entire range of public facility and service requirements. In the City's CIP, all projects are listed in order of construction priority together with cost estimates and the anticipated means of financing for each project.

Pursuant to the Municipal Planning Commission Act - Public Act 285 of 1931 Michigan Planning Enabling Act 33 of 2008, with recommendation from the Planning Commission, the City Council will adopt a five-year CIP to carry out its long range planning objectives.

Commencing with the comprehensive budget preparation process each year, the City administration procedurally reviews and updates the CIP annually between the months of December and June. This is timed so as to correlate directly with the annual comprehensive budget preparation and adoption process.

Briefly stated, the CIP objectives are as follows:

- To develop a long range (five-year) program in which physical projects are planned, prioritized and implemented in an orderly manner;
- To coordinate the capital related projects of the various City departments and boards and commissions to ensure an appropriate distribution of capital improvement funds with regards to the needs of the City and the fiscal ability of the City to undertake the requested projects;
- To assist the Mayor and City Council in the determination of project requests and funding sources with regard to short and long-range plans; and
- To coordinate the demands and requests for capital improvement funds with the planning needs of the City so that an appropriate prioritized system of funding can be programmed over increments of five years.

### What are capital improvements?

Capital improvements are projects that result in the acquisition, addition, updating, or development of physical facilities. A capital improvement may also include contractual or bonded indebtedness payments related to fixed assets, or any major expenditure for physical development, which generally falls into one of the following categories:

- Land and non-structural improvements
- New structures
- Major repairs - \$10,000 or more
- Major replacements - \$10,000 or more
- Vehicles equipment - \$10,000 or more

Additionally, capital improvements are generally defined as the following:

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

### **What determines the length of a CIP?**

A five-year CIP period is generally considered to be most suitable. A two or three year time period is too short for effective programming because planning and financing of major projects usually take a longer period of time. Conversely, a period of seven or more years may project too far into the future to be of practical value. A capital improvement budget is the first year of a CIP.

### **What is the capital improvement budget?**

While the CIP is a proposed spending schedule for five years, the Comprehensive Budget (Capital and Operating) is the legal authorization and appropriation to spend, during the coming fiscal year, funds from City sources and from Federal and State Grants.

The City's Capital Budget is distinct from the Operating Budget. The Operating Budget authorizes the expenditures, on a one-year basis, of funds for employee salaries, fringe benefits, and the purchase of services, supplies and the like. It also includes the payment of principal and interest on the bonds issued to support past Capital Budget projects. Since effective City services depend on the timely combination of manpower, supplies, and capital facilities, serious effort is devoted in the budgetary process to coordinate the Capital and Operating Budgets.

Money appropriated by the City Council for capital improvement projects to be implemented during the budget year. It includes amendments made during the fiscal year to the originally approved capital budget appropriations.

## What does the CIP process look like?

The projects listed in this document were compiled by the City administration from the submissions and requests of the various departments and divisions of the City, as well as formally adopted priorities and plans. Compiling a CIP has five components; initiation, project history analysis, information gathering, prioritizing, and review. The five components are outlined as follows:

**INITIATION.** A communication from the City Management Office was transmitted to all City department and division heads, as well as to select boards and commissions, enlisting their support and cooperation.

**PROJECT HISTORY ANALYSIS.** The CIP is adopted annually; the last CIP was adopted on June 13, 2022.

**INFORMATION GATHERING.** Review of future capital improvement proposals consisted of systematically analyzing the input from various City departments and divisions, as well as formally adopted priorities and plans. Each project includes a departmental/divisional listing of proposed capital improvement projects with proposed priority and related cost estimates and funding source identification.

**PRIORITIZING.** The criteria used for the evaluation of each Capital Improvement Project by the City administration consisted of the following:

1. Is the proposed project already in process due to its inclusion in the current budget year? Is the project under construction, under contract, and is there a continuing debt obligation payable?
2. Is the project mandated by law or court action?
3. Is there a relationship between the proposed project and the City's goals and objectives and/or the goals and objectives of the appropriate board or commission?
4. Is alternative funding available? Is funding available through other sources, or is funding available through land contract or bonding to minimize annual cost requirement?
5. Does the proposed project generate revenue for the general fund and/or other funds? This item should be determined based upon an annual forecast and the schedule of revenues should be designated by the appropriate fund.
6. Does the proposed project result in the use of supplementary funds for "leverage", using matching funds with other funding sources?

**REVIEW PROCEDURES.** The review procedures associated with the CIP consisted principally of the following:

1. After receiving all proposed project data and priorities from each department/division, the information was evaluated, reviewed, amended, and approved by the City Manager.
2. The CIP was submitted by the City Manager to the Grand Ledge Planning Commission for their review and comment.
3. The CIP was submitted by the City Manager to the City Council for their review and approval.

In summary, the above information enumerates the thought process and procedures used to compile the proposed CIP. Upon receipt of this proposal, the Planning Commission and, subsequently, the City Council must review and amend the program if necessary, so that implementation can commence.

## FUNDING

The Capital Improvement Budget is built from the following fund sources:

FUND No.	FUND	DESCRIPTION
101	General	Property Taxes, revenue sharing, fees and other City charges
202	Major Streets	Act 51 revenues and other Street charges
203	Local Streets	Act 51 revenues and other Street charges
204	Municipal Streets	General Fund Allocation and County Road tax
208	Parks & Recreation	Property Taxes and Park fees
248	DDA Special Revenue	Property Taxes and DDA charges
264	Drug Forfeiture	Donations and forfeitures
265	Police Restricted	Act 302 Training funding
295	Airport Development	Federal and State Funding, Rents and Land Leases
410	Capital Projects	Contributions and/or bond proceeds
495	Local Development Finance Authority	Property Taxes
592	Water & Sewer Fund	User Fees and other charges and fees
661	Equipment Operating Fund	Internal Service Funding/User fees
678	Employee Benefit Fund	Internal Service Funding

## CIP COMPONENTS

The components of the CIP have been established as follows:

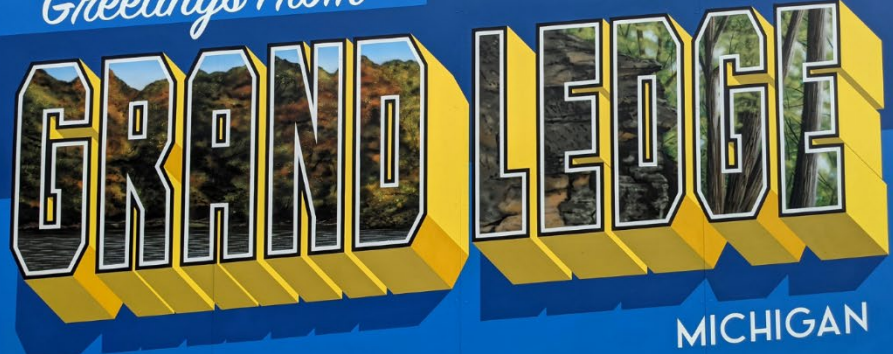
Label	Project Type	Departments
AIR	Abrams Municipal Airport	Abrams Municipal Airport (AIR)
ADM	Administration	Administration (ADM-City Hall) Police Department (ADM-PD)
DDA	Downtown Development Authority	Downtown Development Authority (DDA)
EQP	Equipment	Department of Public Services (DPS)
P&R	Parks & Recreation	Department of Public Services - Parks (DPS-P)
STS	Streets	Department of Public Services (DPS)
W&S	Water & Sewer	Department of Public Services - Water (DPS-W) Department of Public Services - Sewer (DPS-S)



2022 & 2023  
CITY COUNCIL  
PRIORITIES

January 11, 2022

*Greetings From*



**1**  
*Tier*

**Complete Streets System Improvements**

[Green St. partial reconstruction; Partial neighborhood street resurfacing; Sidewalk system enhancements]

**Sanitary Sewer Hydraulic & Treatment Limitations**

[WWTP expansion; Engineering and financial plans; Inflow/infiltration reduction to include compliance ordinance; Collection system improvements.]

**Water System Improvements**

[Development of well(s) to meet current and future capacity demand; Iron removal plant construction; Distribution system improvements/river crossing]

**Public Places & Park Enhancements**

[MNRTF Grant - Ballfield Development; Implementation of 2022 Parks & Recreation Master Plan]

**2**  
*Tier*

**Police Department & Public Safety Initiatives**

**City Employee Talent Retention & Attraction**

**Community & Economic Development Initiatives**

<b>AIR ABRAMS MUNICIPAL AIRPORT</b>				
<b>Dept.</b>	<b>Project</b>	<b>Total Estimated Cost</b>	<b>Primary Funding Source</b>	<b>Additional Funding Source</b>
AIR	<b>FY24</b> Acquire Easement for Approaches or RPZ Rwy 27	\$190,000	Federal/State 95%	Airport Fund 5%
AIR	<b>FY24</b> Obstruction Marking/Lighting/Removal (Non-Hazard) (Parcels TBD) Rwy 27 Design	\$25,000	Federal/State 95%	Airport Fund 5%
AIR	<b>FY25</b> Obstruction Marking/Lighting/Removal (Non-Hazard) (Parcels TBD) Rwy 27 Construction	\$305,000	Federal/State 95%	Airport Fund 5%
AIR	<b>FY26</b> Reconstruct Taxiway Lighting Parallel Design	\$75,000	Federal/State 95%	Airport Fund 5%
AIR	<b>FY26</b> Reconstruct Taxiway Lighting Parallel Construction	\$1,045,000	Federal/State 95%	Airport Fund 5%
AIR	<b>FY27</b> Construct/Exp/Imp/Rehab Building 6-Unit T-Hangar – Design	\$80,000	Federal/State 95%	Airport Fund 5%
<p><b>Project Description:</b>  <b>FY24-28</b> Per State of Michigan Bureau of Aeronautics - Airport Capital Improvement Program for 4DO.</p>				

ADM ADM-CH: ADMINISTRATION – CITY HALL				
Dept.	Project	Total Estimated Cost	Primary Funding Source	Additional Funding Source
ADM-CH	FY24 Nework Server Replacement	\$25,000	Property Taxes	
ADM-CH	FY24 Door Closers – City Hall	\$20,000	Property Taxes	
ADM-CH	FY25 Controller for HVAC	\$30,000	Property Taxes	
ADM-CH	FY26 Key FOB – City Hall	\$45,000	Property Taxes	
<b>Project Description:</b> Needed replacement items at City Hall				

ADM ADM-PD: POLICE DEPARTMENT				
Department	Project	Total Estimated Cost	Primary Funding Source	Additional Funding Source
ADM-PD	FY 24-28 EQUIPMENT REPLACEMENT PLAN	\$292,000	Property Taxes	
<b>Project Description:</b>				
<p>An equipment replacement plan details purchases of the police vehicles during FY24 through FY28. In addition to the actual purchase of the vehicles, the plan depreciates all of the department’s vehicles and determines annual replacement costs that must be saved to achieve replacement. The additional estimated savings requirements of the Police Department/General Fund during the 5-year replacement is \$292,000 (\$52,000 FY24 then \$60,000 annually).</p>				
<b>FY24-28</b> One Police Vehicle Purchase in each year				

<b>DDA DOWNTOWN DEVELOPMENT AUTHORITY</b>				
<b>Dept.</b>	<b>Project</b>	<b>Total Estimated Cost</b>	<b>Primary Funding Source</b>	<b>Additional Funding Source</b>
<b>TIER 1 PRIORITIES – Per Adopted DDA Board Priorities</b>				
DDA	<b>FY24</b> Grand Renovations & Downtown Streetscapes	\$5,000,000	MEDC RAP Grant	Tax Increment Financing
DDA	<b>FY25</b> Continued Development of Jaycee Park: Multi-purpose structure at Jaycee Park	\$225,000	Tax Increment Financing	Spark Grant
DDA	<b>FY26</b> Public/Private Partnership for Infill Development at Bridge St. Plaza	\$250,000	Tax Increment Financing	
DDA	<b>FY26</b> Walkability/Pedestrian Safety: Locations to be determined	\$250,000	Tax Increment Financing	
<b>TIER 2 PRIORITIES – Per Adopted DDA Board Priorities</b>				
DDA	<b>FY26</b> Public Art/Public Spaces	\$25,000	Tax Increment Financing	
DDA	<b>FY26</b> Public Bathrooms within the District	\$100,000	Tax Increment Financing	
DDA	<b>FY26</b> Façade Renovation Grants: Revise Program Guidelines	\$10,000	Tax Increment Financing	
DDA	<b>FY27</b> Entryway Signage	\$150,000	Tax Increment Financing	

EQP DPS: EQUIPMENT - DEPT. OF PUBLIC SERVICES				
Dept.	Project	Total Estimated Cost	Primary Funding Source	Additional Funding Source
DPS	<b>FY24</b> 1 Ton Dump Truck	\$65,000	Internal Service Fund	
DPS	<b>FY24</b> ¾ Ton Truck	\$60,000	Internal Service Fund	
DPS	<b>FY25</b> Wood Chipper	\$60,000	Internal Service Fund	
DPS	<b>FY26</b> ¾ TON TRUCK	\$60,000	Internal Service Fund	
DPS	<b>FY26</b> Sweeper	\$190,550	Internal Service Fund	
DPS	<b>FY27</b> ¾ TON TRUCK	\$60,000	Internal Service Fund	
<p><b>Project Description:</b> Per Equipment Replacement Plan Schedule</p> <p>The Equipment Replacement Plan details purchases of the equipment listed above during the FY24 through FY28. In addition to the actual purchase of the equipment, the plan depreciates all of the department's equipment and determines annual replacement costs that must be saved to achieve replacement. The additional estimated savings requirements of the Equipment Fund during the 5-year replacement is \$495,550.</p>				

**P&R DPS-P: PARKS & RECREATION - DEPT. OF PUBLIC SERVICES - PARKS**

**Project Description - ALL PARKS:**

Priority 1 Projects of The City of Grand Ledge Parks & Recreation Master Plan 2022 – 2026

Dept.	Project	Total Estimated Cost	Primary Funding Source	Additional Funding Source
DPS - P	<b>FY25</b> Improved, cohesive directional signage to locate parks from vehicles and pedestrians	\$10,000	Property Taxes	Grants
DPS - P	<b>FY26</b> Support vendor partnerships to further recreational opportunities (e.g., kayak, bike rentals)	\$10,000	Property Taxes	Grants
DPS - P	<b>FY26</b> Urban Tree Canopy	\$100,000	Grants	Property Taxes
DPS - P	<b>FY26</b> Improve ADA Accessibility	\$100,000	Grants	Property Taxes

**Project Description – FITZGERALD MEMORIAL FIELD:**

Priority 1 of Grand Ledge Parks & Recreation Master Plan 2022 - 2026

Dept.	Project	Total Estimated Cost	Primary Funding Source	Additional Funding Source
DPS - P	<b>FY24</b> Enhance Spectator and ADA Accessibility – Now part of Grand Renovations project.	\$100,000	Grants	Property Taxes

**Project Description – BALL FIELD Phase I (adjacent to Fitzgerald Park):**

The Ball Field Development project will bring a youth ball field with ADA accessibility to a vacant, currently unused, City-owned, ten-acre parcel adjacent to the City’s iconic Fitzgerald Park. Phase I of this project will include the development of a 13U/14U and up, baseball field, a minimum of three (3) handicapped parking spaces, 3,500 square feet of ADA connecting sidewalks from the parking lot area and to the field, ADA barrier-free viewing area, wheelchair accessible picnic tables, barrier-free portable bathrooms, bioretention stormwater treatment swale, and a green privacy buffer along the eastern and southern boundaries of the property

Dept.	Project	Total Estimated Cost	Primary Funding Source	Additional Funding Source
DPS - P	<b>FY24</b> Ball Field Development	\$350,000	Michigan Natural Resources Trust Fund Grant	Grand Ledge Youth Baseball \$30,000, Property Taxes

DPS-Parks continued on next page.

**Project Description – BALL FIELDS Phase II (adjacent to Fitzgerald Park):**

The development of one 9U to 12U baseball/softball field with paved ADA sidewalks, wheelchair-accessible picnic tables, bioretention stormwater treatment swale with a butterfly garden, additional ADA accessible/barrier-free viewing areas, paved connecting trail into the 2.6- miles of existing trails in Fitzgerald Park, ADA drinking fountain with water bottle filler, and field irrigation.

Dept.	Project	Total Estimated Cost	Primary Funding Source	Additional Funding Source
DPS - P	FY25 Ball Field Development	\$436,000	Michigan Natural Resources Trust Fund Grant (applied)	Property Taxes

**Project Description – BALL FIELDS Phase III (adjacent to Fitzgerald Park):**

Phase III is located north of Phase I and east of Phase II and will consist of a 9U-12U and 9U-adult ballfield. Concession building and restrooms for the entire ballfield complex included in this phase.

Dept.	Project	Total Estimated Cost	Primary Funding Source	Additional Funding Source
DPS - P	FY25 Ball Field Development	\$714,000	Michigan Natural Resources Trust Fund Grant (applied)	Property Taxes

**Project Description – ISLAND PARK:**

Priority 1 of Grand Ledge Parks & Recreation Master Plan 2022 - 2026

Dept.	Project	Total Estimated Cost	Primary Funding Source	Additional Funding Source
DPS - P	FY26 Bank Restoration	\$250,000	Grants	Property Taxes

DPS-Parks continued on next page.

**Project Description – JAYCEE PARK:**

Public gathering space, additional bathrooms, boardwalk repair and improvements, Wheelchair swing, pave gravel lot and other park amenities. Improvements will improve ADA accessibility.

Priority 1 Projects of Grand Ledge Parks & Recreation Master Plan 2022 – 2026

Dept.	Project	Total Estimated Cost	Primary Funding Source	Additional Funding Source
DPS-P	FY25 Jaycee Park Improvements	\$1,217,500	Grants	DDA/Property Taxes/Private Donations
DPS - P	FY25 Improved and ADA accessible playground equipment for all ages	\$250,000	Grants	Property Taxes
DPS - P	FY26 Enhance sidewalk-grade space and accessibility	\$500,000	Grants	Property Taxes

**Project Description – OAK PARK:**

Priorities 1 & 2 of Grand Ledge Parks & Recreation Master Plan 2022 – 2026

Dept.	Project	Total Estimated Cost	Primary Funding Source	Additional Funding Source
DPS - P	FY26 Trail improvements for viewing the ledges, fishing, and river access (Priority 1)	\$250,000	Grants	Property Taxes
DPS - P	FY26 Parking lot Improvements (Priority 2)	\$250,000	Grants	Property Taxes

**Project Description – LITTLE FITZ PARK**

Priority 1 of Grand Ledge Parks & Recreation Master Plan 2022 - 2026

Dept.	Project	Total Estimated Cost	Primary Funding Source	Additional Funding Source
DPS - P	FY26 Establish rustic trails for hiking and mountain biking	\$100,000	Grants	Property Taxes

DPS-Parks continued on next page.

**Project Description – RIVERWALK TRAIL:**

Priority 1 of Grand Ledge Parks & Recreation Master Plan 2022 - 2026

Dept.	Project	Total Estimated Cost	Primary Funding Source	Additional Funding Source
DPS - P	<b>FY27</b> In cooperation with Eaton County, improve the riverwalk from Fitzgerald Park to connect downtown and the Riverwalk Trail	\$1,500,000	Grants	Property Taxes

**Project Description – WIDE WALK:**

Priority 1 of Grand Ledge Parks & Recreation Master Plan 2022 - 2026

Dept.	Project	Total Estimated Cost	Primary Funding Source	Additional Funding Source
DPS - P	<b>FY26</b> In cooperation with partners, add accessible routes to connect to Fitzgerald Park	\$1,500,000	Grants	Property Taxes

<b>STS DPS: STREETS - DEPT. OF PUBLIC SERVICES</b>				
<b>Dept.</b>	<b>Project</b>	<b>Total Estimated Cost</b>	<b>Primary Funding Source</b>	<b>Additional Funding Source</b>
DPS	<b>FY24</b> Green – Reconstruction	\$905,000	Urban STP	Property Taxes
DPS	<b>FY25</b> Belknap St. - Reconstruction	\$445,500	Grant/Property Taxes	
DPS	<b>FY26</b> Union St.	\$338,000	STP	Property Taxes
DPS	<b>*FY27</b> West River St. - Reconstruction	\$283,687	Grant/Property Taxes	
DPS	<b>FY27</b> Spring St. - Reconstruction	\$282,700	Grant/Property Taxes	
DPS	<b>FY28</b> Colonial Park. - Reconstruction	\$462,000	Grant/Property Taxes	

**Project Description:** *Per 10YR Street Improvement Schedule*

**FY24** Green – W. South to Seminary (STP Federal Match, Water/Sewer Improvements) **FY25**

Belknap – E. Scott to Edwards

**FY26** Union – N. Clinton to Church

**FY27** W. River – W. Jefferson to S. Bridge

*\*Project will be advanced if grant is obtained. MDOT TEDF Category B Application filed April 2023*

**FY27** Spring – Walnut to Kent – Mill and resurface W. Kent to Lovell

**FY28** Colonial – Edwards to W. Colonial Park and Ledge Lane

**DPS-STREETS continued on the next page.**

Dept.	Project	Total Estimated Cost	Primary Funding Source	Additional Funding Source
DPS	<b>FY25</b> Cedar – Mill & Resurface	\$35,000	Property Taxes	
DPS	<b>FY25</b> St. Johns Chase – Mill & Resurface	\$68,200	Property Taxes	
DPS	<b>FY25</b> Middlewoods Way – Mill & Resurface	\$33,000	Property Taxes	
DPS	<b>FY25</b> Franklin – Partial Reconstruction	\$99,000	Property Taxes	

**Project Description:** *Per 10YR Street Improvement Schedule*

- FY25** Cedar – S. Clinton to Old Post
- FY25** St. Johns Chase – Tallman Rd to 965 St. Johns Chase
- FY25** Middlewoods Way – St. Johns Chase to Bolton Farms
- FY25** Franklin – E.Scott to E. Lincoln

<b>W&amp;S DPS-S: WATER &amp; SEWER - DEPT. OF PUBLIC SERVICES - SEWER</b>				
<b>Dept.</b>	<b>Project</b>	<b>Total Estimated Cost</b>	<b>Primary Funding Source</b>	<b>Additional Funding Source</b>
DPS-S	<b>FY24</b> Wastewater Treatment Plant Expansion	\$52,270,000	Grant/Bond Proceeds	Water/Sewer Fund
DPS-S	<b>FY24</b> Green St. – Reconstruction	\$249,000	Bond Proceeds	Water/Sewer Fund
DPS-S	<b>FY25</b> Belknap St. - Reconstruction	\$264,000	Bond Proceeds	Water/Sewer Fund
DPS-S	<b>FY26</b> Inflow and Infiltration Reduction	\$941,000	Bond Proceeds	Water/Sewer Fund
DPS-S	<b>FY26</b> Union St. - Reconstruction	\$404,800	Water/Sewer Fund	
DPS-S	<b>FY27</b> Spring St. Reconstruction	\$234,300	Water/Sewer Fund	
DPS-S	<b>FY28</b> Colonial St. - Reconstruction	\$214,500	Water/Sewer Fund	

**Project Description:** City Council Tier 1 Priority  
**FY24** Wastewater Treatment Plant Expansion – Eliminate overflows. Expand and add treatment capacity. Includes previous CIP project W. Jefferson force main  
**FY24** Green St –Seminary to W. South  
**FY25** Belknap – E. Scott to Edwards  
**FY26** Inflow and Infiltration Reduction  
**FY26** Union St- N. Clinton to Church  
**FY27** Spring St. - Walnut to Kent  
**FY28** Colonial Park – Edwards to W. Colonial Park and Ledge Lane

<b>W&amp;S DPS-W: WATER &amp; SEWER - DEPT. OF PUBLIC SERVICES - <u>WATER</u></b>				
<b>Dept.</b>	<b>Project</b>	<b>Total Estimated Cost</b>	<b>Primary Funding Source</b>	<b>Additional Funding Source</b>
DPS-W	<b>FY24</b> Iron Removal Plant Replacement	\$21,000,000	Grant/Bond Proceeds	Water/Sewer Fund
DPS-W	<b>FY24</b> Green St. – Reconstruction	\$313,000	Bond Proceeds	Water/Sewer Fund
DPS-W	<b>FY24</b> Raw Watermain	\$5,000,000	Grant/Bond Proceeds	Water/Sewer Fund
DPS-W	<b>FY25-28</b> Well Development	\$200,000/year	Water/Sewer Fund	
DPS-W	<b>FY25</b> Belknap St. - Reconstruction	\$440,000	Bond Proceeds	Water/Sewer Fund
DPS-W	<b>FY26</b> Corrosion Control Study	\$180,000	Bond Proceeds	Water/Sewer Fund
DPS-W	<b>FY26</b> Union St. - Reconstruction	\$459,800	Water/Sewer Fund	
DPS-W	<b>FY27</b> Spring St. - Reconstruction	\$447,700	Water/Sewer Fund	
DPS-W	<b>FY27</b> River Crossing	\$2,000,000	Water/Sewer Fund	
DPS-W	<b>FY28</b> Colonial Park Dr. - Reconstruction	\$501,600	Water/Sewer Fund	
<p><b>Project Description:</b> City Council Tier 1 Priority and Equipment Replacement Plan  <b>FY24</b> Iron Removal Plant Replacement  <b>FY24</b> Green St – Seminary to W. South  <b>FY24</b> Raw Water Main – Well #2 (Jaycee Park) to Iron Removal Plant (320 W. Saginaw St.)  <b>FY25 –28</b> Well Development – Development of well(s) to meet current and future capacity demand  <b>FY25</b> Belknap St – E. Scott to Edwards  <b>FY26</b> Corrosion Control Study  <b>FY26</b> Union St – N. Clinton to Church  <b>FY27</b> Spring St – Walnut to Kent  <b>FY27</b> River Crossing – Wastewater Treatment Plant to W. Main St  <b>FY28</b> Colonial Park Dr. – Edwards to W. Colonial Park and Ledge Lane</p>				

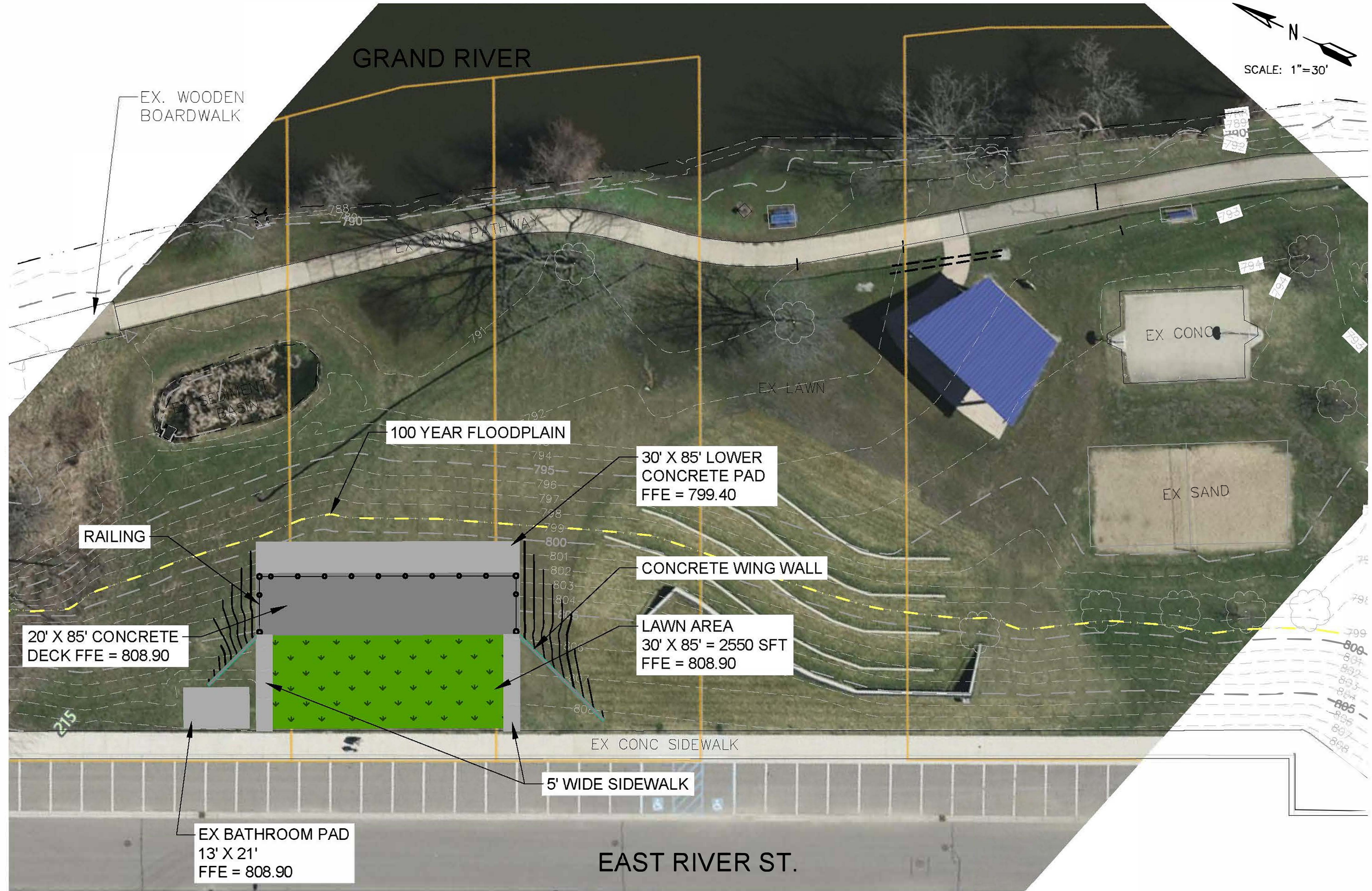
## ATTACHMENTS

- A DDA: Grand Renovations/Downtown Streetscape**
- B DPS-P: Grand Ledge Ballfields Phase II**
- C DPS-P: Jaycee Park Improvements/Public Gathering Place**
- D DPS-Streets: FY24 Green Street Reconstruction**
- E DPS-W: Iron Removal Plant Replacement**





C DPS-P: Jaycee Park Improvements/Public Gathering Place



SCALE: 1"=30'

20' X 85' CONCRETE DECK FFE = 808.90

EX BATHROOM PAD 13' X 21' FFE = 808.90

100 YEAR FLOODPLAIN

30' X 85' LOWER CONCRETE PAD FFE = 799.40

CONCRETE WING WALL

LAWN AREA 30' X 85' = 2550 SFT FFE = 808.90

5' WIDE SIDEWALK

EX CONC SIDEWALK

EAST RIVER ST.

GRAND RIVER

EX. WOODEN BOARDWALK

EX CONC PATHWAY

EX SEDIMENT BASIN

EX LAWN

EX CONC

EX SAND

NOTES:

- 1. XXX
- 2. XXX

PRELIMINARY LAYOUT EXHIBIT

NO	REVISIONS	BY	DATE	Drawn By

4063 Grand Oak Drive Suite A109  
Lansing, MI 48911  
517.887.1100

16830 Robbins Road Suite 105  
Grand Haven, MI 49417  
616.743.7070

engdot.com



CITY OF GRAND LEDGE  
JAYCEE PARK  
BUILDABLE AREA

PROJECT NO.

SHEET NO.

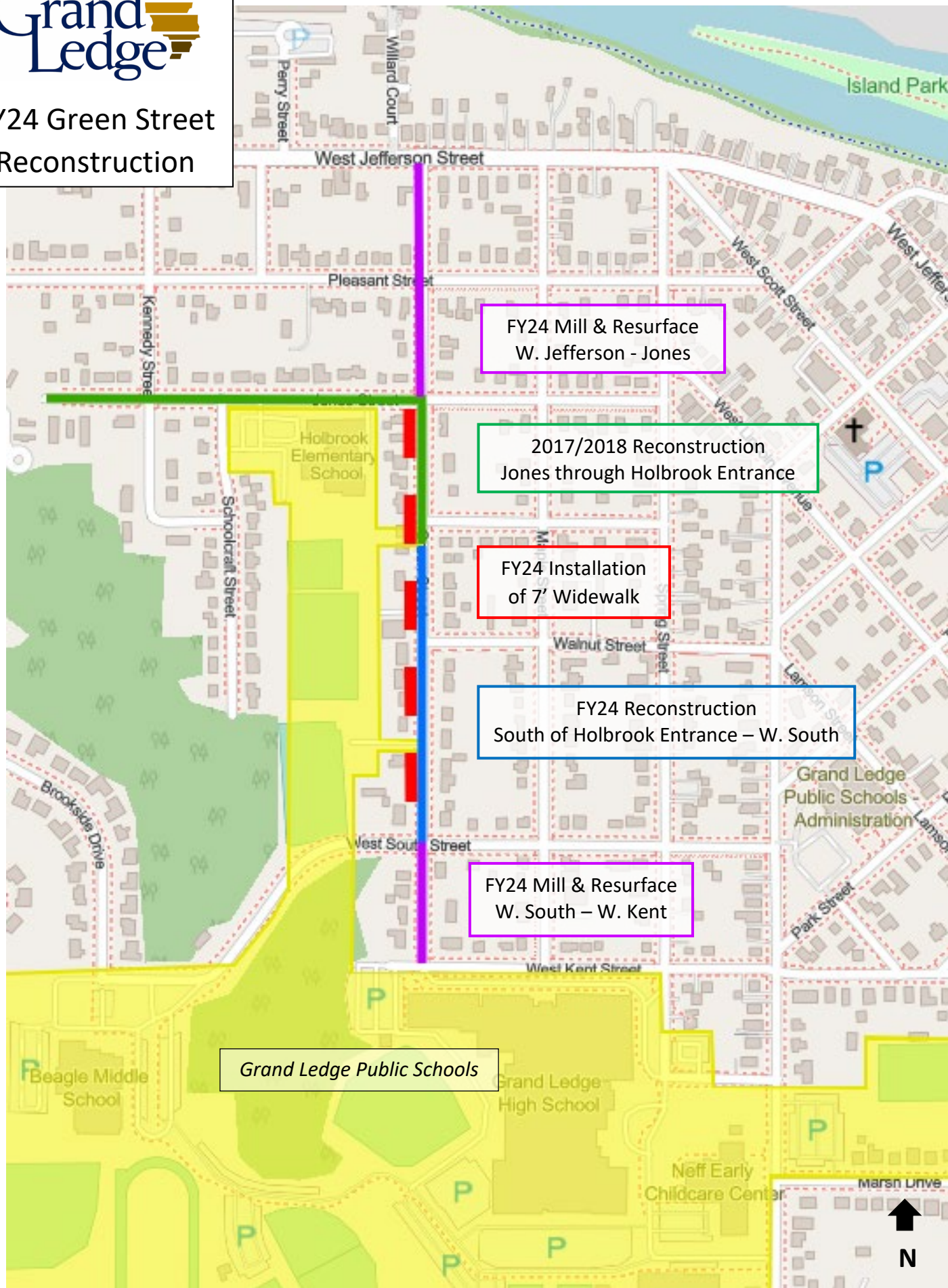
1 OF 2

T:\Autocad Drawings\18046\Jaycee Park\Buildable Area (Lawn and Conc Deck).dwg, 8/3/2021 8:38:03 AM, DWG To PDF.pct3

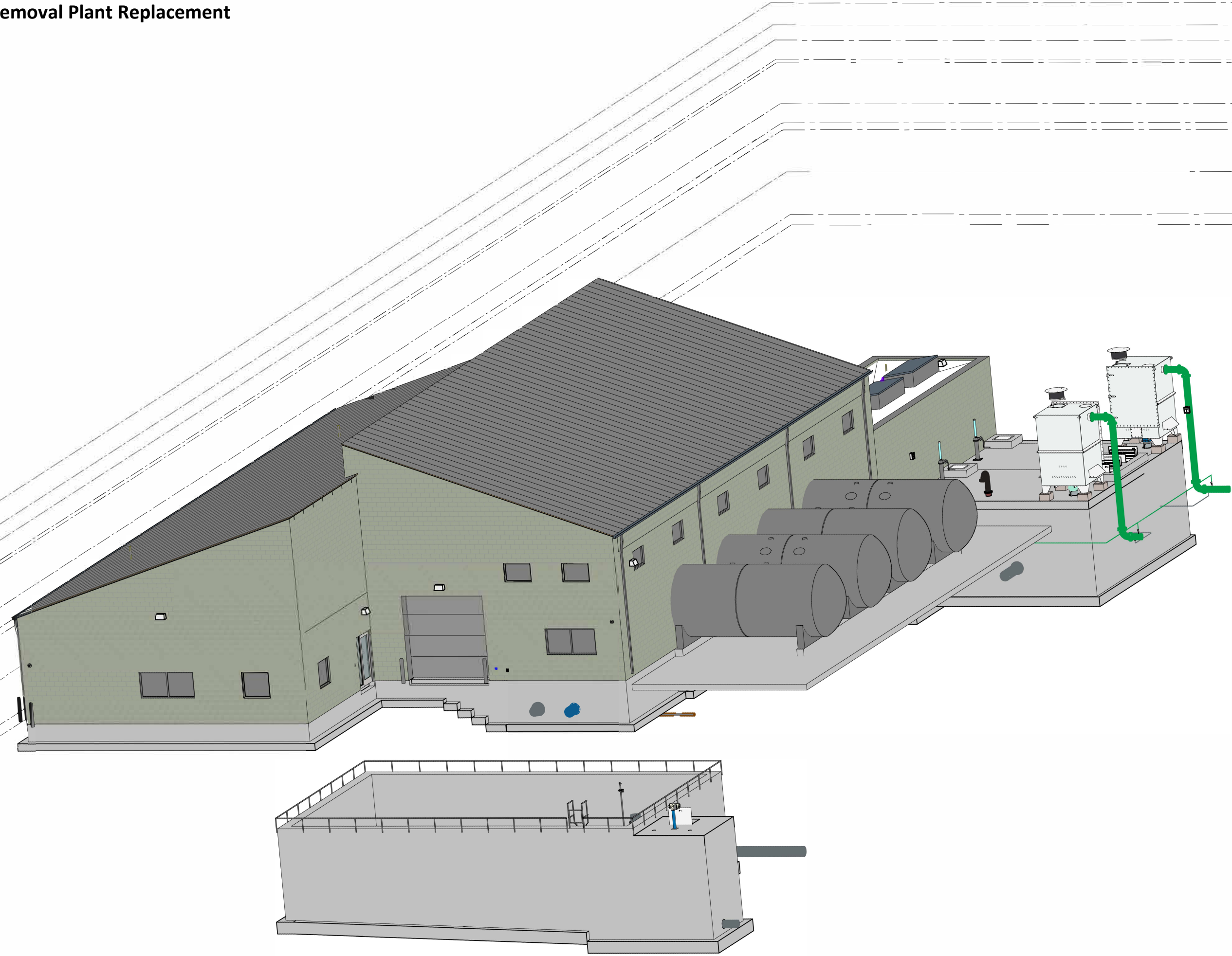
D DPS-Streets: FY24 Green Street Reconstruction



FY24 Green Street Reconstruction



For illustrative purposes only.



**AIR ABRAMS MUNICIPAL AIRPORT**



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Abrams Municipal Airport		
<b>Project Title</b>		Acquire Easement for Approaches Runway 27		
<b>Funding Source(s)</b>		Federal/State 95% - Airport Fund 5%		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
\$190,000				
<b>Linkage to City Council Priorities and Master Plan</b>		<b>Other</b>		
If "Other", please describe		Improvements in accord with Airport Capital Improvement Plan approved by Michigan Bureau of Aeronautics		
<b>Project Description and Location</b>				
Multiple obstructions in the runway protection zone impact the approach to runway 27. Acquisition of easements for up to six parcels. Likely a multi-year project.				
<b>Project Need and Impact</b>				
Project was included in previous years CIP as an FY 2023 project				
<b>Related Costs and Future Funding Needs</b>				
N/A				

Project Description

<b>Department</b>		Abrams Municipal Airport		
<b>Project Title</b>		Obstruction Marking/Lighting/Removal Rwy 27 Design		
<b>Funding Source(s)</b>		Federal/State 95% - Airport Fund 5%		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
\$25,000				
<b>Linkage to City Council Priorities and Master Plan</b>		<b>Other</b>		
If "Other", please describe		Improvements in accord with Airport Capital Improvement Plan approved by Michigan Bureau of Aeronautics		
<b>Project Description and Location</b>				
Design will be basis for 2025 Capital Project				
<b>Project Need and Impact</b>				
Part of Airport Capital Improvement Plan. Project was included in last year's CIP and programmed for FY 2024.				
<b>Related Costs and Future Funding Needs</b>				
2025 Capital project				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Abrams Municipal Airport		
<b>Project Title</b>		Obstruction Marking/Lighting/Removal Rwy 27 Construction		
<b>Funding Source(s)</b>		Federal/State 95% - Airport Fund 5%		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
	\$305,000			
<b>Linkage to City Council Priorities and Master Plan</b>		<b>Other</b>		
If "Other", please describe		Improvements in accord with Airport Capital Improvement Plan approved by Michigan Bureau of Aeronautics		
<b>Project Description and Location</b>				
Removal of obstructions to the runway protection zone of runway 27				
<b>Project Need and Impact</b>				
Part of Airport Capital Improvement Plan. Project was included in last year's CIP and programmed for FY 2024.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

Project Description

<b>Department</b>		Abrams Municipal Airport		
<b>Project Title</b>		Reconstruct Taxiway Lighting Parallel Design		
<b>Funding Source(s)</b>		Federal/State 95% - Airport Fund 5%		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$75,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Other		
If "Other", please describe		Improvements in accord with Airport Capital Improvement Plan approved by Michigan Bureau of Aeronautics		
<b>Project Description and Location</b>				
The taxiway lighting system is over 20 years old and in need of replacement. Design with a new LED taxiway lighting system.				
<b>Project Need and Impact</b>				
Project was included in previous years CIP as an FY 2025 project. Cost has been increased by \$20,000.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

Project Description

<b>Department</b>		Abrams Municipal Airport		
<b>Project Title</b>		Reconstruct Taxiway Lighting Parallel Construction		
<b>Funding Source(s)</b>		Federal/State 95% - Airport Fund 5%		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
			\$1,045,000	
<b>Linkage to City Council Priorities and Master Plan</b>		<b>Other</b>		
If "Other", please describe		Improvements in accord with Airport Capital Improvement Plan approved by Michigan Bureau of Aeronautics		
<b>Project Description and Location</b>				
Construction of replacement taxiway lighting system with LED lighting.				
<b>Project Need and Impact</b>				
This project has been included in previous CIP's.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

Project Description

<b>Department</b>		Abrams Municipal Airport		
<b>Project Title</b>		6-unit T-Hangar -Improvement/Rehabilitation -Design		
<b>Funding Source(s)</b>		Federal/State 95% - Airport Fund 5%		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
				\$80,000
<b>Linkage to City Council Priorities and Master Plan</b>		<b>Other</b>		
If "Other", please describe		Improvements in accord with Airport Capital Improvement Plan approved by Michigan Bureau of Aeronautics		
<b>Project Description and Location</b>				
Develop and design a third continuous 6 unit t-hangar building south of the exiting hangar additions.				
<b>Project Need and Impact</b>				
Project was included in previous years CIP as an FY 2027 project. Cost has been decreased by \$5,000.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

**ADM ADM-CH: ADMINISTRATION – CITY HALL  
ADM-PD: POLICE DEPARTMENT**



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Administration - City Hall (ADM - City Hall)		
<b>Project Title</b>		City Hall maintenance and equipment		
<b>Funding Source(s)</b>		Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
\$45,000	\$30,000	\$45,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If "Other", please describe				
<b>Project Description and Location</b>				
Network Server Replacement – FY 2024 (\$25,000) Door Closers Replacement – FY 2024 (\$20,000) Controller for HVAC – FY 2025 (\$30,000) Key FOB Replacement – FY 2026 (\$45,000)				
<b>Project Need and Impact</b>				
Items have reached end of useful life and/or are no longer functioning properly.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Administration - Police Department (ADM-PD)		
<b>Project Title</b>		Equipment Replacement Plan		
<b>Funding Source(s)</b>		Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
\$52,000	\$60,000	\$60,000	\$60,000	\$60,000
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 2 - Police Dept. & Public Safety Initiatives		
If "Other", please describe				
<b>Project Description and Location</b>				
Replacement plan for Police Department vehicles.				
<b>Project Need and Impact</b>				
One new vehicle purchased each year.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

**DDA DOWNTOWN DEVELOPMENT AUTHORITY**



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Downtown Development Authority		
<b>Project Title</b>		Grand Renovations for Downtown Grand Ledge		
<b>Funding Source(s)</b>		Tax Increment Financing		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
\$5,00,000				
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If "Other", please describe				
<b>Project Description and Location</b>				
<p>Streetscape Improvements – Remove brick pavers and replace with stamped concrete between Jefferson and Main St. Add ‘bump outs’ with raised landscape areas and new crosswalks. New midblock pedestrian crossing located between Front St and Main St. Streetlights to be painted and made dark sky compliant. Gas Fireplace to be installed.</p> <p>Riverfront Park Improvements – Increase size of existing deck by 2000+ square feet. Add public restroom.</p> <p>Fitzgerald Ball Field/W. River St./Island Park Improvements – Addition of new bleachers and lighting at Fitzgerald Ball Field. New public gathering space along W. River St, adjacent to Masonic Temple. Installation of retaining walls (similar to those at Jaycee Park) for seating. Warming ‘house’ building to be renovated and updated.</p> <p>Installation of electrical vehicle charging stations in public parking lot near district library.</p>				
<b>Project Need and Impact</b>				
<p>Project is a DDA tier 1 priority. Brick pavers were installed in 1996 and in many areas have reached the end of their useful life. Bump outs and crosswalks will improve pedestrian safety and encourage walking in downtown. Improvements are intended to enhance downtown vitality.</p>				
<b>Related Costs and Future Funding Needs</b>				
<p>Design cost \$600,000+ (FY 2023)          Non -streetscape work to begin in late FY 2023 or early FY 2024.          Streetscape work to begin late FY 2024</p>				

Project Description

<b>Department</b>		Downtown Development Authority		
<b>Project Title</b>		Multi-purpose structure at Jaycee Park - Public Gathering Space		
<b>Funding Source(s)</b>		Tax Increment Financing		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
	\$225,000			
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If "Other", please describe				
<b>Project Description and Location</b>				
Construction of public gathering space in Jaycee Park. The space will consist of approximately 4000 square feet of space accessible from the existing sidewalk, consisting of grass and a concrete deck. 2,250 square feet of space will be available on the lower level at grade. The lower level will be protected from the elements by the deck above. Stairs will connect the sidewalk with the lower level. The public gathering space will be located adjacent to the existing restroom building.				
<b>Project Need and Impact</b>				
Project is a DDA tier 1 priority. Project continues investment to improve Jaycee Park.				
<b>Related Costs and Future Funding Needs</b>				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Downtown Development Authority		
<b>Project Title</b>		Public/Private Partnership for Infill Development at Bridge St. Plaza		
<b>Funding Source(s)</b>		Tax Increment Financing		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$250,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If "Other", please describe				
<b>Project Description and Location</b>				
Public/Private partnership for construction of multi-story building with commercial and residential where Bridge St. Plaza is currently located.				
<b>Project Need and Impact</b>				
Project is a DDA tier 1 priority. New multi-story building with add to the vitality of Downtown.				
<b>Related Costs and Future Funding Needs</b>				
Design cost \$600,000+ (FY 2023) Non -streetscape work to begin in late FY 2023 or early FY 2024. Streetscape work to begin late FY 2024				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Downtown Development Authority		
<b>Project Title</b>		Walkability/Pedestrian Safety - Crosswalks		
<b>Funding Source(s)</b>		Tax Increment Financing		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$250,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 2 - Community & Economic Development Initiatives		
If "Other", please describe				
<b>Project Description and Location</b>				
Downtown Pedestrian Crosswalks to facilitate safer crossings of streets. Locations to be determined.  Install midblock crossing on N. Bridge St. which was a previous CIP project – is now part of Downtown Grand Renovation Project.				
<b>Project Need and Impact</b>				
Walkability and pedestrian safety is a Tier 1 DDA priority.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Downtown Development Authority		
<b>Project Title</b>		Public Art/Public Spaces		
<b>Funding Source(s)</b>		Tax Increment Financing		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$25,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If "Other", please describe				
<b>Project Description and Location</b>				
Add public art in DDA district. Exact locations to be determined.				
<b>Project Need and Impact</b>				
Installation of additional art in Downtown/in the DDA district is a Tier 2 DDA priority.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Downtown Development Authority		
<b>Project Title</b>		Public Bathrooms within the District		
<b>Funding Source(s)</b>		Tax Increment Financing		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$100,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If "Other", please describe				
<b>Project Description and Location</b>				
Additional bathroom in Jaycee Park near splash pad. Pre-fab bathroom will be similar to existing one in Jaycee Park.				
<b>Project Need and Impact</b>				
Bathroom near splash pad, boat launch, and other improvements at eastern part of Jaycee Park are warranted.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Downtown Development Authority		
<b>Project Title</b>		Façade Renovation Grants: Revise Program Guidelines		
<b>Funding Source(s)</b>		Tax Increment Financing		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$10,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If "Other", please describe				
<b>Project Description and Location</b>				
Hire consultant to update grant guidelines.				
<b>Project Need and Impact</b>				
Current guidelines were created in July 2006. Update of guidelines is a DDA Tier 2 DDA priority.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Downtown Development Authority		
<b>Project Title</b>		Entryway Signage		
<b>Funding Source(s)</b>		Tax Increment Financing		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$150,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If "Other", please describe				
<b>Project Description and Location</b>				
Signs to welcome folks to Grand Ledge. Signs to be located in the DDA District close to M-43 & M-100 intersection.				
<b>Project Need and Impact</b>				
Entryway signage is a DDA Tier 2 DDA priority.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

**EQP    DPS: EQUIPMENT - DEPT. OF PUBLIC SERVICES**



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Equipment		
<b>Project Title</b>		Department of Public Services – Equipment Replacement & Purchase		
<b>Funding Source(s)</b>		Internal Service Fund		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
\$65,000	\$60,000	\$310,550	\$60,000	
<b>Linkage to City Council Priorities and Master Plan</b>		Other		
If “Other”, please describe		Equipment Replacement Plan Schedule		
<b>Project Description and Location</b>				
1 ton Dump Truck – FY 2024 (\$65,000) ¾ Ton Truck – FY 2025 (\$60,000) Wood Chipper- FY 2026 (\$60,000) ¾ Ton Truck -FY 2026 (\$60,000) Sweeper – FY 2026 (\$190,550) ¾ Ton Truck – FY 2027 (\$60,000)				
<b>Project Need and Impact</b>				
Rolling stock replacement				
<b>Related Costs and Future Funding Needs</b>				
N/A				

**P&R    DPS-P: PARKS & RECREATION - DEPT. OF PUBLIC SERVICES - PARKS**



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Parks & Recreation		
<b>Project Title</b>		All Parks		
<b>Funding Source(s)</b>		Grants/Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
	\$10,000	\$10,000	\$200,000	
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If "Other", please describe				
<b>Project Description and Location</b>				
Parks Signage – FY 2025 (Provide improved and cohesive park signage for vehicles and pedestrians). Vendor Partnerships – FY 2026 (To further recreational opportunities; kayak & bike rentals). Urban Tree Canopy – FY 2027 (\$100,000 – Plant additional trees in Parks). Improve ADA accessibility – FY 2027 (\$100,000 – continue to make Parks accessible to all users).				
<b>Project Need and Impact</b>				
Items listed above are listed as Priority 1 items in the 5 year Action Program of Parks and Recreation Master Plan.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Parks & Recreation		
<b>Project Title</b>		Fitzgerald Memorial Field – Enhance Spectator and ADA accessibility		
<b>Funding Source(s)</b>		Grants		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
\$100,000				
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If “Other”, please describe				
<b>Project Description and Location</b>				
Increased seating and ADA accessibility at Fitzgerald Field. This project is now part of Grand Renovation for Downtown Grand Ledge project				
<b>Project Need and Impact</b>				
Construct tiered seating into hillside similar to what exists at Jaycee Park. Install new concrete stairs from River St. angle parking area to existing bleacher area. Add new bleachers west of existing bleachers. Improvements will significantly add to spectators ability to access seating and view events at ballfield. New ADA accommodations will allow for viewing events at ballfield.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

Project Description

<b>Department</b>		Parks & Recreation		
<b>Project Title</b>		Adjacent to Fitzgerald Park – Ballfield Phase I		
<b>Funding Source(s)</b>		MNRTF Grant/Donation/Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
\$350,000				
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If “Other”, please describe				
<b>Project Description and Location</b>				
<p>The Ball Field Development project will bring a youth ball field with ADA accessibility to a vacant, currently unused, City-owned, ten-acre parcel adjacent to the City’s iconic Fitzgerald Park. Phase I of this project will include the development of a 13U/14U and up, baseball field, a minimum of three (3) handicapped parking spaces, 3,500 square feet of ADA connecting sidewalks from the parking lot area and to the field, ADA barrier-free viewing area, wheelchair accessible picnic tables, barrier-free portable bathrooms, bioretention stormwater treatment swale, and a green privacy buffer along the eastern and southern boundaries of the property.</p>				
<b>Project Need and Impact</b>				
<p>Phase 1 has received a Michigan Natural Resources Trust Fund grant of 134,700. Grand Ledge Youth Baseball, Inc., a 501c3, has committed \$30,000. Phase 1 is the initial part of a 3 phase ballfield complex on 10 acres of City owned property located west of Fitzgerald Park Drive, north ofl the railroad tracks and south and west of Fitzgerald Park..</p>				
<b>Related Costs and Future Funding Needs</b>				
<p>Phase II and Phase III of the Ballfield Complex.</p>				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Parks & Recreation		
<b>Project Title</b>		Adjacent to Fitzgerald Park – Ballfield Phase II		
<b>Funding Source(s)</b>		Grants/Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
	\$436,000			
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If “Other”, please describe				
<b>Project Description and Location</b>				
The development of one 9U to 12 U baseball/softball field with paved ADA sidewalks, wheelchair-accessible picnic tables, bioretention stormwater treatment swale with a butterfly garden, additional ADA accessible/barrier-free viewing areas, paved connecting trail into the 2.6- miles of existing trails in Fitzgerald Park, ADA drinking fountain with water bottle filler, and field irrigation.				
<b>Project Need and Impact</b>				
Phase II is part of the Ballfield Complex on 10 acres of land that the City purchased for ballfield development. The City is pursuing grant funds for the construction of this phase.				
<b>Related Costs and Future Funding Needs</b>				
Phase I and Phase III of the Ballfield Complex.				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Parks & Recreation		
<b>Project Title</b>		Adjacent to Fitzgerald Park – Ballfield Phase III		
<b>Funding Source(s)</b>		Grants/Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
	\$714,000			
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If “Other”, please describe				
<b>Project Description and Location</b>				
Phase III of the Ballfield development project located south of Fitzgerald Park and west of Fitzgerald Park Drive and north of Jefferson Street on 10 acres of land owned by the City. The Phase III project consists of a ballfield, concession building, and bathrooms for the entire ballfield complex. Phase III is located north of Phase I and east of Phase II.				
<b>Project Need and Impact</b>				
The Phase III ballfield is designed for 9U-12U baseball and 9U- adult softball. Phase III is important as the restrooms and concession buildings for the all phases of development are located in this phase.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

Project Description

<b>Department</b>		Parks & Recreation		
<b>Project Title</b>		Island Park – Bank Stabilization		
<b>Funding Source(s)</b>		Grants/Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$250,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If “Other”, please describe				
<b>Project Description and Location</b>				
Installation of rock rip rap to slow down loss of riverbank in Island Park.				
<b>Project Need and Impact</b>				
Stabilization is needed to stop erosion and loss riverbank.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

Project Description

<b>Department</b>		Parks & Recreation		
<b>Project Title</b>		Jaycee Park Improvements		
<b>Funding Source(s)</b>		Grants – Property Taxes/DDA TIFA/Private Donations		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
	\$1,217,500			
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If “Other”, please describe				
<b>Project Description and Location</b>				
Construct new public gathering space, additional bathrooms, boardwalk repair and improvements, wheelchair swing, pave gravel lot and other park amenities. Improvements will improve ADA accessibility.				
<b>Project Need and Impact</b>				
Improvements are intended to enhance visitor experience at Jaycee Park and improve accessibility.				
This project incorporates the DDA multi-use structure/public gathering space which is a freestanding CIP project.				
Many components of this project are listed as a Tier 1 priority of the Five Year Action Program in the Park and Recreation Master Plan.				
<b>Related Costs and Future Funding Needs</b>				
Listed in the CIP as a DDA project.				

Project Description

<b>Department</b>		Parks & Recreation		
<b>Project Title</b>		Jaycee Park – Improved and ADA accessible playground equipment for all ages		
<b>Funding Source(s)</b>		Grants – Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
	\$250,000			
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If “Other”, please describe				
<b>Project Description and Location</b>				
Continued investment in Jaycee Park with improved playground and ADA amenities.				
<b>Project Need and Impact</b>				
As usage at Jaycee Park continues to grow, improved playground equipment for all ages and needs is warranted. This is a Tier 1 priority of the Five Year Action Program in the Park and Recreation Master Plan.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

Project Description

<b>Department</b>		Parks & Recreation		
<b>Project Title</b>		Jaycee Park – Enhance sidewalk -grade space and accessibility		
<b>Funding Source(s)</b>		Grants – Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$500,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If “Other”, please describe				
<b>Project Description and Location</b>				
Due to topography, the creation of amenities that connect with the sidewalk are needed at Jaycee Park.				
<b>Project Need and Impact</b>				
This is a Tier 1 priority in the Five Year Action Plan of the Park and Recreation Master Plan.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

Project Description

<b>Department</b>		Parks & Recreation		
<b>Project Title</b>		Oak Park – Trail improvements		
<b>Funding Source(s)</b>		Grants/Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$250,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If “Other”, please describe				
<b>Project Description and Location</b>				
Improvement of existing trails at Oak Park to better the viewing the ledges and provide fishing, and river access.				
<b>Project Need and Impact</b>				
Oak Park trail improvements are a Priority 1 improvement in the Five Year Action Plan in the Parks and Rec Master Plan				
<b>Related Costs and Future Funding Needs</b>				
N/A				

Project Description

<b>Department</b>		Parks & Recreation		
<b>Project Title</b>		Oak Park – Parking lot improvements		
<b>Funding Source(s)</b>		Grants/Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$250,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If “Other”, please describe				
<b>Project Description and Location</b>				
Paving and stormwater improvements of the existing parking lot at Oak Park.				
<b>Project Need and Impact</b>				
Existing parking lot is gravel. Paved parking lot with drain system will provide an improved user experience at the park. Oak Park parking lot improvements are a Priority 2 improvement in the Five Year Action Plan in the Parks and Rec Master Plan				
<b>Related Costs and Future Funding Needs</b>				
N/A				

Project Description

<b>Department</b>		Parks & Recreation		
<b>Project Title</b>		Little Fitz Park – Rustic trails for hiking and mountain biking		
<b>Funding Source(s)</b>		Grants/Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$100,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If “Other”, please describe				
<b>Project Description and Location</b>				
Construction of rustic trails and mountain biking. Exact location of trails to be determined.				
<b>Project Need and Impact</b>				
Little Fitz rustic trails are a Priority 1 improvement in the Five Year Action Plan in the Parks and Rec Master Plan				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Parks & Recreation		
<b>Project Title</b>		Riverwalk Trail – Trail improvements		
<b>Funding Source(s)</b>		Grants/Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
			\$ 1,500,000	
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If “Other”, please describe				
<b>Project Description and Location</b>				
Current trail is narrow and in places difficult to use in wet weather. Riverwalk Trail connects Fitzgerald Park with Island Park in downtown.				
<b>Project Need and Impact</b>				
There is a need for trail improvement. This project is mentioned numerous times in the Park and Rec Master Plan. It is a priority 1 improvement in the Five Year Action Plan in the Parks and Rec Master Plan. Improvements to be planned and implemented in coordination with Eaton County Parks.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

Project Description

<b>Department</b>		Parks & Recreation		
<b>Project Title</b>		Wide Walk– Extend to Fitzgerald Park		
<b>Funding Source(s)</b>		Grants/Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$1,500,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Public Places & Park Enhancements		
If “Other”, please describe				
<b>Project Description and Location</b>				
Current Wide Walk has termination points at Jaycee Park (it connects with the Riverwalk Trail Boardwalk) and on West Saginaw Highway at Timerbercreek Drive. Current plan is to extend Wide Walk from West Saginaw to Fitzgerald Park. Private property coordination will be needed for easements. Location of Wide Walk extension route to be determined.				
<b>Project Need and Impact</b>				
Wide Walk extension to Fitzgerald Park is mentioned frequently in the Park and Rec Master Plan. Plan. It is a priority 1 improvement in the Five Year Action Plan in the Parks and Rec Master Plan. Extension is dependent on ability to secure easements from private property owners.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

**STS    DPS: STREETS - DEPT. OF PUBLIC SERVICES**



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Streets		
<b>Project Title</b>		Green St. Reconstruction		
<b>Funding Source(s)</b>		Urban STP/Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
\$905,000				
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Complete Streets System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Reconstruct Green St. from Seminary to W. South.				
<b>Project Need and Impact</b>				
Street reconstruction -new pavement and curb and gutter. Sewer and watermain replacement will occur as part of the project. Includes installation of 7' sidewalk.				
Related 2024 work: Green St. Mill & resurface from W. Jefferson to Jones; W. South to W. Kent				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Water & Sewer - DPS - Sewer (DPS-Sewer)		
<b>Project Title</b>		Belknap St. Reconstruction		
<b>Funding Source(s)</b>		Grant/Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
	\$445,500			
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Complete Streets System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Reconstruct Belknap St. from E. Scott to Edwards.				
<b>Project Need and Impact</b>				
Street reconstruction includes new pavement, sidewalk, and curb and gutter. Sewer and watermain replacement is part of reconstruction project.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Streets		
<b>Project Title</b>		Union St - Reconstruction		
<b>Funding Source(s)</b>		STP/Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$338,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Complete Streets System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Union St. reconstruction- N. Clinton to Church				
<b>Project Need and Impact</b>				
Street reconstruction includes new pavement, sidewalk, and curb and gutter. Water and sewer main replacement as part of street reconstruction.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

Project Description

<b>Department</b>		Streets		
<b>Project Title</b>		W. River St - Reconstruction		
<b>Funding Source(s)</b>		Grant/Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
			\$283,687	
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Complete Streets System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
W. River St. reconstruction- W. Jefferson to S. Bridge				
<b>Project Need and Impact</b>				
Street reconstruction to include new pavement, sidewalk, and curb and gutter. Project will be advanced if grant is obtained. MDOT TEDF Category B Application filed April 2023				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Streets		
<b>Project Title</b>		Spring St – Reconstruction/Resurface		
<b>Funding Source(s)</b>		Grant/Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
			\$282,700	
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Complete Streets System Improvements		
If “Other”, please describe				
<b>Project Description and Location</b>				
Spring St. reconstruction Walnut to Kent. Spring St. mill and resurface -W. Kent to Lovell				
<b>Project Need and Impact</b>				
Street reconstruction to include new pavement, sidewalk, and curb and gutter. Water and Sewer main replacement as part of street reconstruction.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

Project Description

<b>Department</b>		Streets		
<b>Project Title</b>		Colonial Park Dr. - Reconstruction		
<b>Funding Source(s)</b>		Grant/Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
				\$462,000
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Complete Streets System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Colonial Park Dr. - reconstruction Edwards to W. Colonial Park and Ledge Lane				
<b>Project Need and Impact</b>				
Street reconstruction includes new pavement, sidewalk, and curb and gutter. Watermain and sewer main replacement as part of street reconstruction.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Streets		
<b>Project Title</b>		Cedar St. – Mill and resurface		
<b>Funding Source(s)</b>		Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
	\$35,000			
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Complete Streets System Improvements		
If “Other”, please describe				
<b>Project Description and Location</b>				
Cedar St. mill and resurface -S. Clinton to Old Post				
<b>Project Need and Impact</b>				
Mill and resurface in accordance with 10 year street improvement schedule				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Streets		
<b>Project Title</b>		St. Johns Chase – Mill and resurface		
<b>Funding Source(s)</b>		Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
	\$68,200			
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Complete Streets System Improvements		
If “Other”, please describe				
<b>Project Description and Location</b>				
St. Johns Chase mill and resurface -Tallman Road to 965 St. Johns Chase				
<b>Project Need and Impact</b>				
Mill and resurface in accordance with 10 year street improvement schedule				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Streets		
<b>Project Title</b>		Middlewoods Way – Mill and resurface		
<b>Funding Source(s)</b>		Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
	\$33,000			
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Complete Streets System Improvements		
If “Other”, please describe				
<b>Project Description and Location</b>				
Middlewoods Way mill and resurface -St. Johns Chase to Bolton Farms				
<b>Project Need and Impact</b>				
Mill and resurface in accordance with 10 year street improvement schedule				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Streets		
<b>Project Title</b>		Franklin St – Partial Reconstruction		
<b>Funding Source(s)</b>		Property Taxes		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
	\$99,000			
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Complete Streets System Improvements		
If “Other”, please describe				
<b>Project Description and Location</b>				
Franklin St. partial reconstruction -E. Jefferson to E. Lincoln				
<b>Project Need and Impact</b>				
New pavement and curb and gutter.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

**W&S    DPS-W: WATER & SEWER - DEPT. OF PUBLIC SERVICES - SEWER**



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Water & Sewer - DPS - Sewer (DPS-Sewer)		
<b>Project Title</b>		Wastewater Treatment Plant Expansion		
<b>Funding Source(s)</b>		Grant funds/Bond Proceeds/Water and Sewer Fund		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
\$52,270,000				
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Sanitary Sewer Hydraulic & Treatment Limitations		
If "Other", please describe				
<b>Project Description and Location</b>				
Wastewater Treatment expansion – Wastewater Treatment facility is located on City owned property adjacent to Fitzgerald Park and the Grand River. Current plant capacity is 1.5 mgd. Expansion will provide treatment up to approximately 3.9 mgd. Installation of 3.5-million-gallon retention tank. W. Jefferson Force main, a former stand-alone CIP project is now part of this project.				
<b>Project Need and Impact</b>				
The City is expecting a pending Administrative Consent Order from EGLE for Sanitary Sewer Overflow to be issued. Sanitary Sewer Overflows occur during heavy precipitation events. Planned expansion will alleviate overflows and provide capacity for future users. Cooperative Development Area growth is expected to add many more customers.				
<b>Related Costs and Future Funding Needs</b>				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Water & Sewer - DPS - Sewer (DPS-Sewer)		
<b>Project Title</b>		Green St. Reconstruction		
<b>Funding Source(s)</b>		Bond Proceeds/Water & Sewer Fund		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
\$227,000				
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Water System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Reconstruct Green St. from Seminary to W. South.				
<b>Project Need and Impact</b>				
Sewer main replacement during street construction. Existing sewer water main is approximately 50 years old.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Water & Sewer - DPS - Sewer (DPS-Sewer)		
<b>Project Title</b>		Belknap St. Reconstruction		
<b>Funding Source(s)</b>		Bond Proceeds/Water & Sewer Fund		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
	\$264,000			
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Complete Streets System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Reconstruct Belknap St. from E. Scott to Edwards.				
<b>Project Need and Impact</b>				
Sewer main replacement during street construction. Existing sewer main is approximately 65 years old.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

Project Description

<b>Department</b>		Water & Sewer - DPS - Sewer (DPS-Sewer)		
<b>Project Title</b>		Inflow and Infiltration Reduction		
<b>Funding Source(s)</b>		Bond Proceeds/Water and Sewer Fund		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$941,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Sanitary Sewer Hydraulic & Treatment Limitations		
If "Other", please describe				
<b>Project Description and Location</b>				
Study to identify where in sanitary sewer system storm water/ground water is entering system.				
<b>Project Need and Impact</b>				
<p>The City is currently under a DEQ order for sewage overflows during significant rain events. Stormwater and groundwater enters the sewer system and reduces capacity. In many cases privately owned sump pumps are connected to the sewer system, contributing to the problem. The stormwater/groundwater unnecessarily reduces capacity and requires treatment..</p>				
<b>Related Costs and Future Funding Needs</b>				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Water & Sewer - DPS - Sewer (DPS-Sewer)		
<b>Project Title</b>		Union St - Reconstruction		
<b>Funding Source(s)</b>		Water & Sewer Fund		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$404,800		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Complete Streets System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Union St. reconstruction- N. Clinton to Church				
<b>Project Need and Impact</b>				
Sewer main replacement as part of street reconstruction. Sewer main estimated to be 100 years old.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Water & Sewer - DPS - Sewer (DPS-Sewer)		
<b>Project Title</b>		Spring St - Reconstruction		
<b>Funding Source(s)</b>		Water/Sewer Fund		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
			\$234,300	
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Sanitary Sewer Hydraulic & Treatment Limitations		
If "Other", please describe				
<b>Project Description and Location</b>				
Spring St. reconstruction Walnut to Kent				
<b>Project Need and Impact</b>				
Street reconstruction to include new sewer main. The existing sewer main is approximately 90 years old. New pavement and watermain replacement included as part of street reconstruction.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Water & Sewer - DPS - Sewer (DPS-Sewer)		
<b>Project Title</b>		Colonial Park Dr. - Reconstruction		
<b>Funding Source(s)</b>		Water & Sewer Fund		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
				\$214,500
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Complete Streets System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Colonial Park Dr. reconstruction Edwards to W. Colonial Park and Ledge Lane				
<b>Project Need and Impact</b>				
Sewer main replacement as part of street reconstruction. Sewer main estimated to be 70 years old.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

**W&S    DPS-W: WATER & SEWER - DEPT. OF PUBLIC SERVICES - WATER**



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Water & Sewer - DPS - Water (DPS-Water)		
<b>Project Title</b>		Iron Removal Plant Replacement		
<b>Funding Source(s)</b>		Bond Proceeds/Water & Sewer Fund/ARPA funds		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
\$21,000,000				
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Water System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Replace existing Iron Removal Plant located at 320 W. Saginaw.				
<b>Project Need and Impact</b>				
Current Iron Removal Plant is failing. Costs for new plant include design, bond fees, construction, and related costs. A new building will house the new iron removal facility. The existing iron removal equipment will be demolished.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Water & Sewer - DPS - Water (DPS-Water)		
<b>Project Title</b>		Green St. Reconstruction		
<b>Funding Source(s)</b>		Bond Proceeds/Water & Sewer Fund		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
\$290,000				
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Water System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Reconstruct Green St. from Seminary to W. South.				
<b>Project Need and Impact</b>				
Water main replacement during street construction. Existing water main is approximately 50 years old.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Water & Sewer - DPS - Water (DPS-Water)		
<b>Project Title</b>		Raw Water Main		
<b>Funding Source(s)</b>		Grant/Bond Proceeds/Water & Sewer Fund		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
\$5,000,000				
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Water System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Construction of 8" watermain from Well #2 (Jaycee Park) to new Iron Removal Plant at 320 W. Saginaw. New watermain will be installed by directional boring to limit disruption.				
<b>Project Need and Impact</b>				
Installation of raw water main is necessary as EGLE has not completed permitting for well 9.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Water & Sewer - DPS - Water (DPS-Water)		
<b>Project Title</b>		Well development		
<b>Funding Source(s)</b>		Bond Proceeds/Water & Sewer Fund/		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
	\$200,000	\$200,000	\$200,000	\$200,000
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Water System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Continued pursuit of wells to ensure reliable water supply for current and future service areas within Cooperative Development Area.				
<b>Project Need and Impact</b>				
Funds include engineering and legal fees to permit wells #9 and 10. Other well development to be pursued.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Water & Sewer - DPS - Water (DPS-Water)		
<b>Project Title</b>		Belknap St - Reconstruction		
<b>Funding Source(s)</b>		Bond Proceeds/Water & Sewer Fund		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
	\$440,000			
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Water System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Spring St. reconstruction Walnut to Kent				
<b>Project Need and Impact</b>				
Watermain replacement as part of street reconstruction. Watermain estimated to be 65 years old.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Water & Sewer - DPS - Water (DPS-Water)		
<b>Project Title</b>		Corrosion Control Study		
<b>Funding Source(s)</b>		Water & Sewer Fund		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$180,000		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Water System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Corrosion control study to be performed by consultant				
<b>Project Need and Impact</b>				
Corrosion control study results to be part of ongoing preventive maintenance program				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Water & Sewer - DPS - Water (DPS-Water)		
<b>Project Title</b>		Union St - Reconstruction		
<b>Funding Source(s)</b>		Water & Sewer Fund		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
		\$459,800		
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Water System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Union St. Reconstruction- N. Clinton to Church. Project coordinated with street reconstruction and new sewer main.				
<b>Project Need and Impact</b>				
Watermain replacement as part of street reconstruction. Watermain estimated to be 100 years old.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Water & Sewer - DPS - Water (DPS-Water)		
<b>Project Title</b>		Spring St - Reconstruction		
<b>Funding Source(s)</b>		Bond Proceeds/Water & Sewer Fund		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
			\$447,700	
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Water System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Spring St. reconstruction Walnut to Kent				
<b>Project Need and Impact</b>				
Watermain replacement as part of street reconstruction. Watermain estimated to be 90 years old.				
<b>Related Costs and Future Funding Needs</b>				
N/A				

Project Description

<b>Department</b>		Water & Sewer - DPS - Water (DPS-Water)		
<b>Project Title</b>		Watermain -River Crossing		
<b>Funding Source(s)</b>		Water & Sewer Fund		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
			\$2,500,000	
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Water System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
New watermain crossing of Grand River to support new residential development on the north side of Grand River. Crossing will occur between the Wastewater Treatment Plan Park and W. Main St. Watermain size is 12" and will be bored under the river.				
<b>Project Need and Impact</b>				
Project is needed to provide adequate water supply and fire suppression for future residential growth in northern part of City. Will provide a system loop.				
<b>Related Costs and Future Funding Needs</b>				
N/A				



CAPITAL IMPROVEMENTS PLAN - 2024-2028

Project Description

<b>Department</b>		Water & Sewer - DPS - Water (DPS-Water)		
<b>Project Title</b>		Colonial Park Dr. - Reconstruction		
<b>Funding Source(s)</b>		Water & Sewer Fund		
<b>Fiscal Year Estimated Cost</b>				
2024	2025	2026	2027	2028
				\$510,600
<b>Linkage to City Council Priorities and Master Plan</b>		Tier 1 - Water System Improvements		
If "Other", please describe				
<b>Project Description and Location</b>				
Colonial Park Dr.- reconstruction Edwards to W. Colonial Park and Ledge Lane				
<b>Project Need and Impact</b>				
Watermain replacement as part of street reconstruction. Watermain estimated to be 70 years old.				
<b>Related Costs and Future Funding Needs</b>				
N/A				