



# CITY OF LEBANON ADOPTED CAPITAL IMPROVEMENT PLAN



## FISCAL YEAR 2023-2027





AN ORDINANCE BY THE CITY COUNCIL OF THE CITY OF LEBANON, LACLEDE COUNTY, MISSOURI, (HEREINAFTER REFERRED TO AS "CITY") ADOPTING THE FISCAL YEAR 2022 BUDGET FOR THE PERIOD BEGINNING JULY 1, 2021 AND ENDING JUNE 30, 2022.

- WHEREAS*, that the City Council held a Work Session regarding the Fiscal Year 2022 Proposed Budget on May 6, 2021; *and*
- WHEREAS* that during Said Work Sessions the following items were discussed 1) Revenues; 2) Expenditures; 3) Personnel Staffing; 4) Fund Balances; 5) Health Insurance Funding; 6) Capital Expenditures; and 7) City Goals; *and*
- WHEREAS*, the Capital Improvement Plan is a planning document; projects from this plan are moved into the budget each year and presented to City Council throughout the year for final approval; *and*
- WHEREAS*, despite the fact that the Capital Improvement Plan 2023-2027 was not discussed during the budget meeting, adoption is recommended to maintain the continuity of the City's budget process; *and*
- WHEREAS*, that the City held the Fiscal Year 2022 Budget Public Hearing on May 25, 2021; *and*
- WHEREAS*, that the Fiscal Year 2022 Budget and the Capital Improvement Plan 2023-2027 were submitted to the City Council, for approval, by Council Bill No. 6083 at the May 25, 2021 Council Meeting.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF LEBANON, LACLEDE COUNTY, MISSOURI, AS FOLLOWS:

- SECTION 1: That the City Council of the City of Lebanon, Laclede County, Missouri, (hereinafter referred to as "City") hereby adopts and appropriates the revenues and expenditures as the Fiscal Year 2022 Approved Budget. Said Budget is hereby attached and incorporated herewithin as marked "*Exhibit A.*"
- SECTION 2: That the City Council of the City of Lebanon, Laclede County, Missouri, (hereinafter referred to as "City") hereby adopts the Capital Improvement Plan 2023-2027. Said CIP is hereby attached and incorporated herewithin as marked "*Exhibit B.*"
- SECTION 3: That this Ordinance shall be in full force and effect from and after the date of its passage and approval.

Passed and approved by the City Council of the City of Lebanon, Laclede County, Missouri, on this 25th day of May 2021.

(Seal)

Attest:

  
City Clerk Laina Starnes

  
Mayor Jared Carr

1<sup>st</sup> Reading: May 25, 2021

2<sup>nd</sup> Reading: May 25, 2021





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# Welcome

Lebanon is one of the finest small cities in all the Ozarks. Being a full-service community that has over 150 years of history, a storied connection to Route 66, a historic downtown, and a strong manufacturing base, Lebanon is a great community in which to live, work, and play. However, the assets and infrastructure that made Lebanon successful now are aging and require replacement and maintenance. Growing business needs and citizen expectations drive the creation of new facilities, services, and upgrades to existing offerings. Capital improvements are a key responsibility of the City and allow for the attraction and retention of businesses while providing for public safety, recreation, and enhanced citizen services.

The purpose of this five-year Capital Improvement Plan is to identify and provide a means to address growing public needs through a standardized, annual process that involves not only City staff but also elected officials and the public at large. The CIP serves as a critical layer of transparency for residents concerned with how their tax dollars are spent. As projects are identified, developed, and eventually incorporated into the City Budget, citizens and elected officials alike are able to observe and interact with this process, ensuring that projects are responsibly funded and properly executed.

City staff is constantly striving to improve this document and to increase the level of public participation in its creation. Along with the City Budget, the CIP is one of the primary tools for the City to articulate its needs and plans to Lebanon's residents. Staff is dedicated to developing a plan that focuses on the essentials of providing the very best services and infrastructure to our citizens, industries, and local businesses.



# Introduction

## Executive Summary

Local governments today face many challenges, but none more daunting than the management of increasing infrastructure and equipment needs in the face of declining or flat revenues. In order to be good stewards of the public's trust and tax dollars, well-managed cities look to the future and attempt to anticipate needs over a long period of time to ensure that tax dollars are spent in a prudent, but timely manner, so as to maximize their value. This annual long-term planning process becomes the city's Capital Improvement Plan (CIP). The FY 2023-2027 CIP is an overview of the needs for infrastructure, public safety, parks, public facilities, and other improvements which make significant contributions to the community's livability.

The CIP sets forth a systematic means to address the need to maintain, upgrade, and replace components of the City of Lebanon's infrastructure. This plan is the result of various processes and incorporates input from the public, elected officials, appointed boards, and various staff. As one of the primary City planning documents, the CIP serves as an inventory of recommended future projects (i.e. street maintenance and storm water control) and major purchases (i.e. vehicles and facilities) which the City uses to support its services and programs. The projects and acquisitions contained in this plan are not approved for execution or implementation; rather they represent an articulation of needs as seen by City staff. Prior to undertaking any project or purchase in the CIP, staff submits each project to the city council for inclusion in the City Budget. Any project appearing in the budget is then purchased according to the requirements of the City Purchasing Policy.

## Introduction

The Capital Improvement Plan (CIP) is a guide encompassing the new and continuing capital improvement needs of the City. Outlined in the CIP is a schedule of capital improvement projects and financial resources for the plan's five-year horizon. The CIP sets forth proposed expenditures for systematically constructing, maintaining, upgrading, and replacing the physical infrastructure necessary for continuing operations and providing city services. Throughout the process of formulating the CIP, needs are evaluated, improvement projects and asset acquisition examined and prioritized, and costs estimated, allowing the City to look for ways to maximize leverage of funds through partnerships with local, state and federal agencies. The CIP is reviewed annually to maintain visibility and allow for the adjustments to be made in the plans due to changes in priority as well as shifts in the fiscal environment.

A CIP provides many benefits including:

- Allowing a systematic evaluation of all potential projects at the same time
- The ability to stabilize debt and consolidate projects to reduce borrowing costs
- Promoting a dialog with citizens both individual and corporate
- Serving as a public relations and economic development tool
- Creating opportunities for collaboration among other governmental units to realize cost savings for the taxpayers
- Aiding in grant funding opportunities
- A focus on preserving a governmental entity's infrastructure while ensuring the efficient use of public funds

# Introduction

## Types of Capital Improvements

- Major building additions and remodeling
- Electrical distribution lines
- Substation upgrade
- Park land and development
- Wastewater treatment plants
- Sewer mains
- Stormwater sewers
- Street construction projects
- Traffic signals
- Computer systems and network infrastructure
- Water mains
- Water towers and wells
- New building construction
- Land purchases
- Equipment purchases
- Vehicles, including fire trucks, police cars, utility vans, and more

## Why the City of Lebanon is Developing a CIP

City staff has worked to develop this document in order to identify the needs of departments and divisions as well as the citizens. The CIP is developed to help guide the governing body's discussions of community needs and create an effective communication tool for project forecasting.

Additional reasons to create a CIP are:

- Facilitate coordination between capital needs and the operating budgets.
- Enhance the community's credit rating, control of its tax rate, and avoids sudden changes in its debt service requirements.
- Identify the most economical means of financing capital projects.
- Increasing opportunities for obtaining federal and state aid.
- Relating public facilities to other public and private development and redevelopment policies and plans.
- Focusing attention on community objectives and fiscal capacity.
- Keeping the public informed about future needs and projects.
- Coordinating activities among neighboring governmental units to reduce duplication.
- Encouraging careful project planning and design to avoid costly mistakes and help the community reach desired goals.



# Introduction

## City of Lebanon's Strategy for The Capital Improvement Program

In creating the CIP, the City must endeavor to balance its resources among previously committed projects, major reconstruction, maintenance needs, and new projects. The capital improvements program was formulated with various obligations in mind, including debt service requirements, federal and state mandates, and cooperative funding agreements. Funding decisions in the CIP are based on need as reflected in infrastructure condition assessments and growth patterns, with an additional effort made to complete projects begun in previous years.

Once previous obligations have been addressed, the remaining resources are divided among maintenance, rehabilitation and new construction. Maintenance projects undertaken through the CIP include the large annual projects necessary to ensure that existing infrastructure does not deteriorate and remains in a usable state. Rehabilitation projects are initiated in those cases when infrastructure has experienced measurable deterioration but is safer or more economical to rebuild. Finally, meeting the development or redevelopment needs of the community necessitate the addition of capital infrastructure to the City systems. The result of the staff's effort to balance these factors over the next five years is represented in this document. To determine additional needs the budget team will solicit, compile and evaluate project requests from each department through submittal of a request which include a statement of the need and justification for the project, its costs, and its net effect on the operating budget over the project's lifetime, and an implementation schedule. Annual updating of this plan involves repeating the above steps to reflect new information, policies and proposed projects. The affected departments review and revise the entire program as necessary to reflect the most recent determination of need for equipment, maintenance of equipment, and the town's social and environmental conditions. Where possible, capital improvement projects are those which have a long useful life, benefit the City as a whole, maintain or increase the citizen's quality of life and either protect or have no adverse impact on the environment.

## Funding the Capital Improvement Program

This CIP contains nearly 200 capital projects totaling \$57,106,577 million dollars between FY 2023 and FY 2027. A variety of instruments are used to finance these projects. Capital projects and acquisitions featured in the Fiscal Year 2022 Budget do not appear in this CIP document as this is planning and forecasting tool rather than an operational or allocation device. Current fiscal year capital improvements are best discussed in the context of the budget rather than the intermediate and longer-term horizon of the CIP. The Capital Improvement sales tax generates approximately \$1.7m annually, funding a significant portion of non-utility capital requests. User fees and rates tend to be a significant source of funding for Lebanon's CIP as well. Over the next five (5) fiscal years enterprise revenues are proposed to provide sixty-five percent (65%) of the funds for the CIP. These funds are generated through such municipal enterprise activities as water, sewer, electric, and fiber operations.

The general fund, grants, partnerships with special taxing districts, and other funds round out the funding sources for the CIP.

Examples of funding sources include the following:

**Business License Tax** – In 1976, the City of Lebanon authorized the creation of a Special Business District for its downtown area. In addition to a special property tax levy, eligible businesses within the district pay a \$50 business license tax annually.

**Capital Improvement Tax** - The voters of Lebanon elected to impose a local sales tax to establish and cover multi-year expenditures of major capital projects and expenditures for all general government

# Introduction

programs. Since the sales tax is tied to the spending habits of local consumers it is subject to the local economic conditions affecting local residents.

**Community Development Block Grant (CDBG)** — Funds received through the CDBG program are awarded to cities for projects meeting at least one of the following federally mandated criteria, of primarily benefiting those of low-to-moderate income. The program offers grants to communities to improve local facilities, address critical health and safety concerns, and develop a greater capacity for growth. Funds are offered for projects that can range from housing and street repairs to industrial loans and job training.

**COP (Certificate of Participation) Bond** - A type of financing where an investor purchases a share of the lease revenues of a program rather than the bond being secured by those revenues. The authority usually uses the proceeds to construct a facility that is leased to the municipality, releasing the municipality from restrictions on the amount of debt that they can incur.

**Debt Financing** -- Improvements to major streets, bridges, parks, and public facilities are primarily reliant on tax revenue to support payback of General Obligation (GO) bonds, Certificates of Participation (COPS) and Revenue bonds, while some projects are backed by other revenue sources. General Obligation bonds provide debt financing not only for property tax-funded projects but also for capital improvement projects where debt service payments are paid by City enterprises (such as Water, Electric, or Stormwater), and special assessments. The interest rates on issued debt and the cost for construction can change substantially due to economic variables and both have a major effect on the costs associated with the CIP projects.

**Department of Natural Resources-** The Missouri Department of Natural Resources offers numerous opportunities for financial assistance including tax credits and exemptions, loans and grants. These opportunities are available for private individuals, communities, organizations and companies. Assistance can range from help in rehabilitating a historic building or building an erosion-control structure, to building sewer and water systems and cleaning up leaking underground storage tanks.

**Enterprise Revenues** — these funds are derived from fees and charges for services provided by operations of the utilities and are used to fund daily operations and provide resources for debt service and pay-as-you-go capital improvements only to enterprise facilities. Budget and accounting units are created for particular purposes, such as water and sewer or other self-sustaining operations, to separate the revenue and financial control of such operations from the General Fund.

**Missouri Department of Transportation Enhancement Program**— these are matching grants offered by the State Highway Commission to create multi-modal transportation opportunities in selected communities.

**Missouri State Gasoline Sales Tax** – The State of Missouri approved an additional gasoline sales tax of which a portion is returned to the City.

**Motor Vehicle Sales Tax** - The City receives funds through a Motor Vehicle Sales Tax and uses it to fund street maintenance activities. These funds are distributed to the City by the Missouri Department of Revenue. Fifty percent of the proceeds from the 3 percent State Motor Vehicle Sales Tax revenues is dedicated to highway and transportation use and is apportioned between cities, counties, and state as follows: ten percent (10%) to counties, fifteen percent (15%) to cities with allocation based on population from the last federal decennial census, two percent (2%) to the state transportation fund, and seventy-three percent (73%) to the state road fund.

**Motor Vehicle Tax-** In addition to Motor Vehicle Sales Tax the City and County receives a distribution from increases in the state motor vehicle fees. The Motor Vehicle Fee Increase is state license fees and taxes on motor vehicles that have been increased by law since 1979. The amount distributed is

# Introduction

similar to the Motor Vehicle Sales Tax. These revenue sources are somewhat volatile with new and used car sales activity.

**Park Tax** – A portion of the local property tax is earmarked for the maintenance and enhancement of the City's park system.

**Public Safety Sales Tax** – The voters of Lebanon elected to impose a local, one half of one percent, sales tax for the purpose of providing funding Public Safety. As this revenue stream is tied to the local sales prevailing economic factors impacting local residents can affect collections. By state law monies collected by such a tax shall be appropriated and disbursed only for public safety purposes. This tax began April 1, 2020 and has no sunset.

**Property Tax Collections** - The valuation affects City's capacity to fund projects, and it is important that the City realizes reasonable valuation growth in the future. The weakened housing market, coupled with other local economic factors, has resulted in flat assessed valuation. Funds impacted by this are the General and Park funds.

**Surface Transportation Program**— Statewide Transportation Improvement Program (STIP) prepared annually, sets forth the specific construction projects the Missouri Department of Transportation MODOT will undertake in the next five years. It covers highways and bridges, transit, aviation, rail, waterways, enhancements and other projects.

**Transportation Improvement Sales Tax** – The voters of Lebanon elected to impose a local, one half of one percent, sales tax for the purpose of carrying out the renovation, reconstruction and maintenance of existing city streets. As this revenue stream is tied to the local sales prevailing economic factors impacting local residents can affect collections. By state law monies collected by such a tax shall be appropriated and disbursed only for transportation purposes. This tax was approved for a ten (10) year renewal in November 2017 and will sunset January 01, 2029.

## Budget Terms Defined

**Budget:** An estimate of revenues and expenditures anticipated during a fiscal year and a summary of anticipate use of those revenues and expenditures.

**Capital Assets:** An asset with an anticipated life greater than one year and a minimum cost of one-thousand dollars (\$5,000).

**Capital Budget:** The City's systematic plan for addressing new construction, major maintenance greater than one-thousand dollars (\$5,000) in a given fiscal year. Additional expenses can include the purchase and improvement of land and the acquisition of new buildings and facilities, or acquisition of longer lived, yet depreciable assets.

**Capital Improvements Project:** A project that may include the construction of new facilities, renovation of existing structures or facilities to extend useful life, and major repair of infrastructure such as streets or utility lines that is of a comprehensive and non-routine nature.

**Capital Improvement Plan:** A presentation of the City's long and short-term projected capital improvement needs. The planning document is used by staff and the governing body to guide the discussion of current and intermediate term capital requirements.

**Enterprise Fund:** A fund in which operations are expected to fund operations in a manner similar to a private business enterprise. The costs of operating are expected to be financed on a continuing basis through user charges (rates) rather than through taxes.

# Introduction

**Infrastructure:** Capital assets which are immovable and have value only to a governmental unit such as, roads, sidewalks, bridges, streetlights, parking lots, water, wastewater, fiber, and electrical systems.

**Operating Annual Expenditures:** Items required for the operation of the City departments in the provision of City services. Small tools and equipment less than or equal to five-thousand dollars (\$5,000), the purchase of lower value Capital Assets and minor maintenance to existing buildings and facilities.

**Operating Budget:** The amount of monies the City allots annually to perform municipal functions.

## Conclusion

The Capital Improvement Plan is a five-year capital plan for infrastructure, parks, and facility improvements crucial to livability within the City. The purpose of instituting this annual capital review process is to provide the governing body and the community opportunities to discuss capital needs at the present and into the future. When building the CIP, staff concentrated on building upon core strategic priorities of the governing body and the community. Funds in the CIP are being allocated primarily in support of public safety operations and equipment, protecting the community's sizable investment in its road and utility networks provided recreational opportunities in park lands and recreational facilities, and assisting in creation of an environment conducive to economic development prospects. The annual nature of this process allows staff to review the appropriateness of various funding mechanism discussed above. By adopting the CIP, the governing body is only beginning a dialogue with staff and the community. Presentation of the CIP is the first step in the process. Projects are then reviewed by the council and adopted into the annual budget. The annual nature of the process allows for flexibility to alter courses of action in order to serve the needs of the community or respond to economic or other external issues which may impact the dynamics of any given project. As the year progresses, various fiscal, regulatory, or other external factors can necessitate changing the scope or even need of a project. This is one of the primary reasons adoption of a CIP is not unilateral spending approval to carry out a capital project.

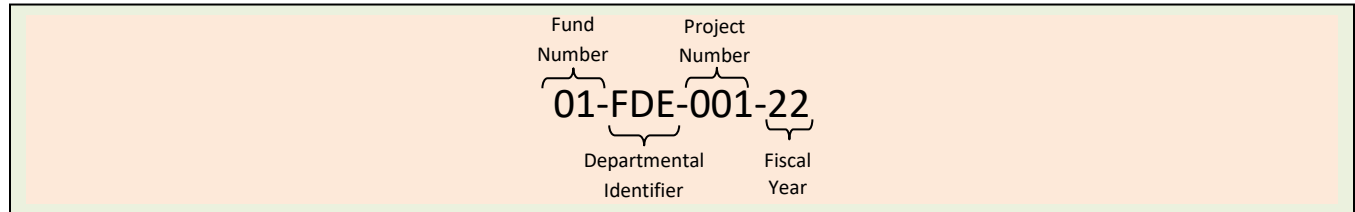


# How to Use This Document

## Interpreting Projects

The project pages will be structured to provide information, both fiscal and factual about the project as well as contextualize the projected need for overall operations of the departments.

How to read a capital project number:

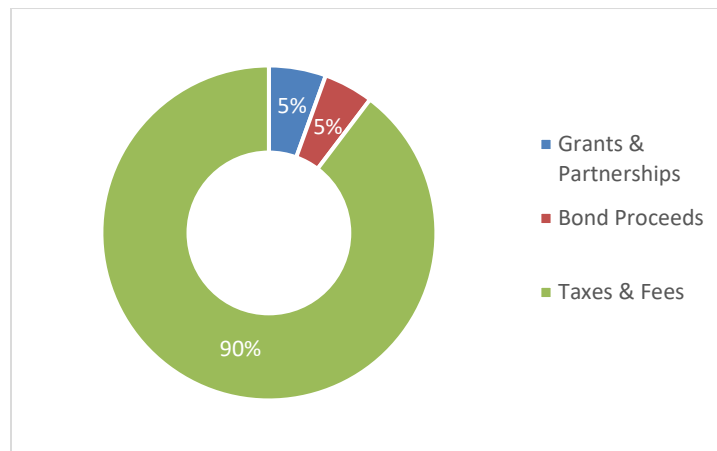


The fiscal year represents the first-year work will occur on the project at the time of the project's inclusion in the CIP. This allows the reader to see projects that have been deferred over multiple years as well as projects that are ongoing or require multi-year phases.

Division Abbreviation	
APT	Airport
CAO	City Administration
CBN	Community Buildings
CCC	Cowan Civic Center
CCK	City Clerk
CDC	Code Administration
DBD	Downtown Business District
EDC	Economic Development
ELF	Electric Division
FDE	Fire Department
FMS	Facility Management
FBR	Fiber
FIN	Finance Department
GFM	Garage
HMR	Human Resource
ITS	Information Technology
MCP	Municipal Court
MGB	Mayor and City Council
MLT	Multi-Department Project
PDA	Police Department and Animal Control
PKD	Parks
PRW	Purchasing & Warehouse
STR	Street Division
SWC	Stormwater
TRM	Tourism
WTR	Water Division
WWO	Wastewater Division

# Summary Information

Division	FY2023	FY2024	FY2025	FY2026	FY2027	Total
General	326,000	242,500	218,500	242,500	242,500	1,272,000
Fire	35,000	0	10,000	0	0	45,000
Police	308,000	289,000	224,000	20,000	20,000	861,000
Civic Center	30,000	30,000	30,000	30,000	30,000	150,000
Storm Water	435,000	360,000	785,000	500,000	425,000	2,505,000
Finance	0	5,000	2,500	0	0	7,500
Street	330,056	475,437	981,981	1,083,018	1,199,741	4,070,233
Code Administration	18,050	5,550	5,550	5,550	5,550	40,250
Garage	75,000	0	3,000	38,000	38,000	154,000
Information Technology	30,909	0	2,500	0	0	33,409
Airport	849,300	791,500	683,500	683,500	683,500	3,691,300
Parks	74,500	75,500	117,500	98,500	85,000	451,000
Electric	2,338,385	2,117,100	2,803,700	6,355,000	16,113,700	29,727,885
Waste Water	1,248,000	987,000	1,176,500	1,013,000	1,003,000	5,427,500
Water	624,000	543,000	538,500	3,452,500	3,507,500	8,665,500
<b>TOTAL</b>	<b>\$6,722,200</b>	<b>\$5,921,587</b>	<b>\$7,582,731</b>	<b>\$13,521,568</b>	<b>\$23,353,491</b>	<b>\$57,101,577</b>



## Funding for capital projects comes from three major sources:

- 1. Taxes and Fees:** including, but not limited to, utility rates, fiber customer fees, franchise taxes, state gas tax, transportation tax, sales taxes, property tax, park tax, business license tax, and capital improvement tax.
- 2. Bond Proceeds:** debt securities issued to finance capital expenditures with repayment requirements.
- 3. Grants and Partnerships:** financial awards given by state, regional and federal sources or projects jointly planned with other local or state jurisdictions.

# Airport

## Airport Master Plan

**Project Number** 73-APT-001-21

**Improvement Type** Land & Land Improvements

**Division** 73 - 100 - Airport General

**Description** Airport Master Plan development

**Justification** The FAA recommends a master plan update every 20 years or at the end of its useful life. The current master plan was published in 2003 and planned through 2021. By 2017 it had already reached the end of its useful life. A master plan would allow community members, city staff, and elected officials to participate in planning the

Funding Source	2023	2024	2025	2026	2027	Total
						\$0
MODOT Grant	\$153,000	\$0	\$0	\$0	\$0	\$153,000
						\$0
Project Totals	\$153,000	\$0	\$0	\$0	\$0	\$153,000

# Airport

## Rotary Cutters

**Project Number** 73-APT-002-22

**Improvement Type** Machinery & Equipment

**Division** 73 - 100 - Airport General

**Description** 15-foot batwing rotary cutter

**Justification** The airport maintains 21 acres of land, most of which is tall grass. In order to keep grass at a desirable height to mitigate wildlife and be visually attractive to users and the public large-scale mowing is necessary. The airport's current rotary mower is approaching the end of its useful life and does not groom to the desirable standard

Funding Source	2023	2024	2025	2026	2027	Total
Airport Fuel Sales & Rents	\$12,800	\$0	\$0	\$0	\$0	\$12,800
						\$0
						\$0
Project Totals	\$12,800	\$0	\$0	\$0	\$0	\$12,800

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# Airport

## Taxiway Rehabilitation

**Project Number** 73-APT-001-23

**Improvement Type** Land & Land Improvements

**Division** 73 - 100 - Airport General

**Description** Taxiway rehabilitation and installation of lighting system.

**Justification** The parallel taxiway was originally constructed in 2004 and needs joint and marking repairs and improvements in order to mitigate FOD and extend its useful life. Currently the taxiway edges are indicated by 3-foot reflectors. The installation of taxiway edge lights and lighted runway hold short signs would exponentially improve

Funding Source	2023	2024	2025	2026	2027	Total
Airport Fuel Sales & Rents	\$68,350	\$68,350	\$68,350	\$68,350	\$68,350	\$341,750
MODOT Grant	\$615,150	\$615,150	\$615,150	\$615,150	\$615,150	\$3,075,750
						\$0
Project Totals	\$683,500	\$683,500	\$683,500	\$683,500	\$683,500	\$3,417,500



# Airport

## Aviation Fuel Truck

**Project Number** 73-APT-002-21

**Improvement Type** Vehicles

**Division** 73 - 100 - Airport General

**Description** Airport Master Plan development

**Justification** The current 100LL aviation gas refueling truck was manufactured in 1993 and has over 150,000 miles on its odometer. Staff recommends the purchase of a newer 100LL refueling truck in 2024 in order to ensure they can preserve the service revenue and maintain a safe working environment.

Funding Source	2023	2024	2025	2026	2027	Total
Capital Improvement Fund	\$0	\$95,000	\$0	\$0	\$0	\$95,000
						\$0
						\$0
Project Totals	\$0	\$95,000	\$0	\$0	\$0	\$95,000

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# Airport

## Utility Vehicle

**Project Number** 73-APT-001-24

**Improvement Type** Vehicles

**Division** 73 - 100 - Airport General

**Description** Purchase of an all-purpose utility vehicle

**Justification** The airport's current utility vehicle is well aged and has many operational issues. The vehicle aide's airport staff in maintaining the airport with picking up trash and spraying the airport's pavements and fence line

Funding Source	2023	2024	2025	2026	2027	Total
Capital Improvement Fund	\$0	\$13,000	\$0	\$0	\$0	\$13,000
						\$0
						\$0
Project Totals	\$0	\$13,000	\$0	\$0	\$0	\$13,000



# Cowan Civic Center

## In Line Booking

**Project Number** 01-CCC-004-23

**Improvement Type** Furniture & Office Equipment

**Division** 01 - 130 - Civic Center

**Description** On line booking software

**Justification** By the year 2023, on line booking will be the market place for event planners to reserve venues. Event planners will be able to access calendars, building layouts, and reserve space for their events

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
						\$0
						\$0
Project Totals	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000

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# Cowan Civic Center

## Exhibition Hall Chairs

**Project Number** 01-CCC-001-21

**Improvement Type** Furniture & Office Equipment

**Division** 22 - 605 - General

**Description** Parts to refurbish the red chairs used for events in the Civic Center Exhibition Hall.

**Justification** The Civic Center has red chairs for the Exhibition Hall that were purchased in 1998. After consultation with the manufacturer it was determined the City could replace damaged components in-house and realize a significant savings over buying the same quantity of new chairs. Chairs will need to be repaired periodically to maintain

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$60,000
						\$0
						\$0
Project Totals	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$60,000

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# Cowan Civic Center

## Replace Multi Prupose Flooring

**Project Number** 22-CCC-002-21

**Improvement Type** Building & Building Improvements

**Division** 22 - 605 - General

**Description** Replace multi-purpose flooring with stained concrete and sports floor for exercise classes

**Justification** Multi-purpose flooring is 23 years old. The mondo sports flooring currently installed is hard to keep clean and not conducive for exercise classes. Half of the floor would be stained concrete for the treadmills, weights, etc. The other half would be a sports type flooring as they have at Joel E. Barber school. This flooring works well for the

Funding Source	2023	2024	2025	2026	2027	Total
Capital Improvement Fund	\$100,000	\$0	\$0	\$0	\$0	\$100,000
						\$0
						\$0
Project Totals	\$100,000	\$0	\$0	\$0	\$0	\$100,000

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# Code Administration

## Replacement of Network Systems

**Project Number** 22-CDC-001-21

**Improvement Type** Machinery & Equipment

**Division** 50 - 305 - Codes Administration

**Description** Replace Aging iPad tablets and cases

**Justification** Rotation of current systems as they reach end of life and will need to be replaced to maintain appropriate processing speeds associated with software

Funding Source	2023	2024	2025	2026	2027	Total
Service Funds	\$2,550	\$2,550	\$2,550	\$2,550	\$2,550	\$12,750
						\$0
						\$0
Project Totals	\$2,550	\$2,550	\$2,550	\$2,550	\$2,550	\$12,750

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# Code Administration

## Replacement of Network System

**Project Number** 22-CDC-002-21

**Improvement Type** Machinery & Equipment

**Division** 50 - 305 - Codes Administration

**Description** Replace Aging Desktop Computers

**Justification** Rotation of current systems as they reach end of life and will need to be replaced to maintain appropriate processing speeds associated with software.

Funding Source	2023	2024	2025	2026	2027	Total
Service Funds	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$15,000
						\$0
						\$0
Project Totals	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$15,000

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# Code Administration

## Replacement of Cannon Plotter/Scanner

**Project Number** 22-CDC-001-22

**Improvement Type** Machinery & Equipment

**Division** 50 - 305 - Codes Administration

**Description** Replacement of existing Cannon iPF840 Plotter/Scanner

**Justification** Current system will have reached end of life and will need to be replaced to maintain appropriate processing speeds associated with software.

Funding Source	2023	2024	2025	2026	2027	Total
Service Funds	\$12,500	\$0	\$0	\$0	\$0	\$12,500
						\$0
						\$0
Project Totals	\$12,500	\$0	\$0	\$0	\$0	\$12,500

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## Material Handler Bucket Truck

**Project Number** 80-ELF-015-21

**Improvement Type** Vehicles

**Division** 80 - 200 - Electric Operating

**Description** Replacement of a material handler bucket truck

**Justification** This will replace a 2007 material handler bucket truck that has reached the end of its useful life in accordance with the capitalization policy

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$250,000	\$0	\$0	\$0	\$0	\$250,000
						\$0
						\$0
Project Totals	\$250,000	\$0	\$0	\$0	\$0	\$250,000

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## Department Pickups

**Project Number** 80-ELF-003-17

**Improvement Type** Vehicles

**Division** 80 - 200 - Electric Operating

**Description** Replacement of pickup trucks

**Justification** We are proposing to replace two (2) 2007 pickups that each have over 100,000 miles. Both trucks have reached the end of their useful life in accordance with the capitalization policy.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000
						\$0
						\$0
Project Totals	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000

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# Electric

## 80 Ft. Bucket Truck

**Project Number** 80-ELF-016-21

**Improvement Type** Vehicles

**Division** 80 - 200 - Electric Operating

**Description** Replace existing bucket truck

**Justification** This will replace a 1998 bucket truck that has reached the end of its useful life in accordance with the capitalization policy.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000
						\$0
						\$0
Project Totals	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$1,750,000

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## Replace HVAC Units as Public Works

**Project Number** 22-FMS-002-20

**Improvement Type** Building & Building Improvements

**Division** 80 - 200 - Electric Operating

**Description** Replacement of HVAC units at Public Works

**Justification** Public Works was built in 2005. The rooftop units as well as the units that take care of the bathrooms, break room, and electrical department offices will be 15 years old in 2020. Most units were undersized because of value engineering and are working at maximum capacity during high heat or very cold conditions. In 2020, Federal

Funding Source	2023	2024	2025	2026	2027	Total
Capital Improvement Tax	\$16,500	\$0	\$0	\$0	\$0	\$16,500
						\$0
						\$0
Project Totals	\$16,500	\$0	\$0	\$0	\$0	\$16,500

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## Skid Steer with Forestry Processor

**Project Number** 80-ELF-001-23

**Improvement Type** Machinery & Equipment

**Division** 80 - 200 - Electric Operating

**Description** Purchase skid steer with forestry proceesor

**Justification** This will replace the current 2013 skid steer and forestry attachment.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$80,000	\$0	\$0	\$0	\$0	\$80,000
						\$0
						\$0
Project Totals	\$80,000	\$0	\$0	\$0	\$0	\$80,000

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# Electric

## Small Bucket Truck

**Project Number** 80-ELX-003-22

**Improvement Type** Vehicles

**Division** 80 - 200 - Electric Operating

**Description** Purchase a small bucket truck for the construction crew.

**Justification** The pickup currently used by the construction crew will go to the tree trimmers. A small bucket truck will allow them to be more productive.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$213,000	\$0	\$0	\$0	\$0	\$213,000
						\$0
						\$0
Project Totals	\$213,000	\$0	\$0	\$0	\$0	\$213,000

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## 161 Substations and Transmission

**Project Number** 80-ELF-007-14

**Improvement Type** Building & Building Improvements

**Division** 80 - 215 - Electric Reserve

**Description** Design, construct, and easement acquisition for (2) 161 kV high voltage lines, (2) 161 switch stations, and (2) 161 to 69kV substations. One line will come into town from

**Justification** Annual cost for transmission from SHO-ME Power is approximately \$1.4 million. Cost of infrastructure can be purchased with approximately fifteen (15) years of transmission cost. This infrastructure investment would allow future cost savings to the electric utility customers.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$0	\$0	\$5,000,000	\$10,000,000	\$15,000,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$5,000,000	\$10,000,000	\$15,000,000

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## Line Reconductor/Pole Changeouts

**Project Number** 80-ELF-008-14

**Improvement Type** Land & Land Improvements

**Division** 80 - 215 - Electric Reserve

**Description** We have identified feeder 3050 to replace existing conductors due to capacity limits, or line extensions to serve future developments. Feeder 3050 consists of 35 poles

**Justification** This feeder was identified through our system inspection and determined to be below industry standards. On feeder 3050, most of the poles are from the 1990's. The wire on feeder 3050 is nearing capacity.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$150,000	\$0	\$0	\$0	\$0	\$150,000
						\$0
						\$0
Project Totals	\$150,000	\$0	\$0	\$0	\$0	\$150,000

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## Substation Recloser Upgrades

**Project Number** 80-ELF-014-21

**Improvement Type** Land & Land Improvements

**Division** 80 - 215 - Electric Reserve

**Description** Replacement of aging substation reclosers in substations.

**Justification** This project will change out our dated reclosers that were installed in 1992 and upgrade to a recloser that have better safety options and will save on maintenance costs. The new recloser will have polymer insulators that will reduce the possibility of flashovers.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$300,000	\$0	\$0	\$0	\$300,000
						\$0
						\$0
Project Totals	\$0	\$300,000	\$0	\$0	\$0	\$300,000

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## Battery Backup for Substation Reclosers

**Project Number** 80-ELF-002-20

**Improvement Type** Machinery & Equipment

**Division** 80 - 215 - Electric Reserve

**Description** Remove outdoor DC battery supply enclosures and put them inside substation building. This will involve Substation #2, #3 and #6, the rest of our substations have

**Justification** In the event of an outage we can run essential controls with our DC backup. Bringing the batteries and the battery charger inside will add reliability to our DC power system.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$50,000	\$0	\$0	\$0	\$0	\$50,000
						\$0
						\$0
Project Totals	\$50,000	\$0	\$0	\$0	\$0	\$50,000

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# Electric

## Line Reconductor/Extensions-Michigan/Monroe

**Project Number** 80-ELF-002-21

**Improvement Type** Land & Land Improvements

**Division** 80 - 215 - Electric Reserve

**Description** Replacement of existing conductors due to capacity limits or line extensions to serve future developments. Work will be located on Michigan Avenue to Pearl and then

**Justification** This will increase reliability and improve system longevity.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$450,000	\$0	\$0	\$0	\$450,000
						\$0
						\$0
Project Totals	\$0	\$450,000	\$0	\$0	\$0	\$450,000

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## Update Substation Bays

**Project Number** 80-ELF-017-21

**Improvement Type** Land & Land Improvements

**Division** 80 - 215 - Electric Reserve

**Description** Update copper wire buss to aluminum buss.

**Justification** These updates will allow us to safely bypass feeder breakers during routine substation maintenance. This will increase reliability, improve system longevity and decrease maintenance costs.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$0	\$350,000	\$0	\$0	\$350,000
						\$0
						\$0
Project Totals	\$0	\$0	\$350,000	\$0	\$0	\$350,000

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## Insulator Upgrades

**Project Number** 80-ELF-018-21

**Improvement Type** Machinery & Equipment

**Division** 80 - 215 - Electric Reserve

**Description** Replacement of existing porcelain insulators.

**Justification** Porcelain insulators are brittle making them crack and break rather easy. Replacing them with polymer insulators increases their lifespan therefore reducing material costs and potential outages. This will increase reliability, improve system longevity and decrease maintenance costs.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$30,000	\$0	\$30,000	\$0	\$0	\$60,000
						\$0
						\$0
Project Totals	\$30,000	\$0	\$30,000	\$0	\$0	\$60,000

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# Electric

## Line Reconductor/Extensions - Substations 7 & 8

**Project Number** 80-ELF-004-22

**Improvement Type** Land & Land Improvements

**Division** 80 - 215 - Electric Reserve

**Description** Replacement of existing conductors and outdated insulators due to capacity limits and line extensions to serve future developments. This work will consist of

**Justification** This will increase reliability and improve system longevity.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$0	\$0	\$0	\$4,500,000	\$4,500,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$4,500,000	\$4,500,000

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## Substation #3 Improvements

**Project Number** 80-ELX-010-21

**Improvement Type** Machinery & Equipment

**Division** 80 - 215 - Electric Reserve

**Description** Replace 69kV circuit switcher, Transformer #1 with a 12 MVA unit, and associated foundations.

**Justification** These improvements were identified by Toth and Associates in the 2019 electric system study. Existing transformer is insufficiently rated to pick up all feeders during peak loading. Increasing this transformer to a 12 MVA will significantly improve reliability. The existing circuit switcher will be checked for proper phase spacing and

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$800,000	\$0	\$0	\$0	\$0	\$800,000
						\$0
						\$0
Project Totals	\$800,000	\$0	\$0	\$0	\$0	\$800,000

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## Substation #8 Improvements

**Project Number** 80-ELX-009-21

**Improvement Type** Machinery & Equipment

**Division** 80 - 215 - Electric Reserve

**Description** Install transformer sudden pressure and seal-in relays.

**Justification** These improvements were identified by Toth and Associates in the 2019 electric system study. Installation of transformer sudden pressure and seal-in relays at Substation 8 will improve reliability by including oil pressure as a factor in the protection logic.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$38,000	\$0	\$0	\$0	\$0	\$38,000
						\$0
						\$0
Project Totals	\$38,000	\$0	\$0	\$0	\$0	\$38,000

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# Electric

## Primary System Improvements - Substation #8

**Project Number** 80-ELX-007-21

**Improvement Type** Land & Land Improvements

**Division** 80 - 215 - Electric Reserve

**Description** Convert existing conductor from Substation 8 Feeder 82, approximately 1.15 miles, from 3 phase to 3 phase 477 ACSR.

**Justification** These improvements were identified by Toth and Associates in the 2019 electric system study. This reconductoring will reduce the load during peak times as well as prevent the overloading of conductors during a contingency.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$917,100	\$0	\$0	\$0	\$917,100
						\$0
						\$0
Project Totals	\$0	\$917,100	\$0	\$0	\$0	\$917,100

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## Sectionalizing Improvements

**Project Number** 80-ELX-008-21

**Improvement Type** Machinery & Equipment

**Division** 80 - 215 - Electric Reserve

**Description** Install 3 phase reclosers; one (1) on feeder 7030, one (1) on feeder 1050, and one(1) on feeder 5060.

**Justification** These improvements were identified by Toth and Associates in the 2019 electric system study. Installing the 3 phase reclosers will decrease the number of customers affected during an outage by isolating the fault downline, This will add reliability and increases our sectionalizing capacity

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$100,000	\$0	\$0	\$0	\$0	\$100,000
						\$0
						\$0
Project Totals	\$100,000	\$0	\$0	\$0	\$0	\$100,000

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# Electric

## Overhead Aerial Cable Project - Stanwood Drive and Belwood Road

**Project Number** 80-ELF-006-21

**Improvement Type** Building & Building Improvements

**Division** 80 - 215 - Electric Reserve

**Description** Replace 4,000 linear feet of existing overhead lines with aerial cable in areas that we have right of way restrictions. We plan on having the overhead single-phase lines

**Justification** Many of these lines are costly to maintain due to yard fences and vegetative growth. Replacement will add reliability while lowering maintenance costs.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$30,000	\$0	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$30,000	\$0	\$0	\$0	\$0	\$30,000

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# Electric

## Overhead Aerial Cable Project - Osage Street, Parkway and Highland Street

**Project Number** 80-ELF-010-21

**Improvement Type** Building & Building Improvements

**Division** 80 - 215 - Electric Reserve

**Description** Replace 4,834 linear feet of existing overhead lines with aerial cable in areas that we have right of way restrictions. We plan on having the overhead single-phase lines

**Justification** Many of these lines are costly to maintain due to yard fences and vegetative growth. Replacement will add reliability while lowering maintenance costs.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$30,000	\$0	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$30,000	\$0	\$0	\$0	\$0	\$30,000

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## Substation #3 Improvements

<b>Project Number</b>	80-ELX-001-21
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	80 - 215 - Electric Reserve
<b>Description</b>	Replace Copeland reclosers with breakers (including SEL-351S relays, individual billing meters, and metering class current transformers). Associated foundations to be
<b>Justification</b>	Replacement of these reclosers with breakers, equipped with a billing meter and SEL-351S, will improve system protection, enable metering on a per-feeder basis, and make the current transformer circuit accessible.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$120,000	\$0	\$0	\$0	\$0	\$120,000
						\$0
						\$0
Project Totals	\$120,000	\$0	\$0	\$0	\$0	\$120,000

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## Primary System Improvements - Substation #6

**Project Number** 80-ELX-011-21

**Improvement Type** Land & Land Improvements

**Division** 80 - 215 - Electric Reserve

**Description** Convert existing conductor on Substation 6 Feeder 61, approximately 0.30 miles, from 3 phase to 3 phase 4/0 ACSR

**Justification** This improvements was identified by Toth and Associates in the 2019 electric system study. This reconductoring will reduce the load during peak times as well as prevent the overloading of conductors during a contingency.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$0	\$0	\$201,000	\$0	\$201,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$201,000	\$0	\$201,000

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# Electric

## Overhead Aerial Cable Project - Holly Street, Pine Street and Zachary Drive

**Project Number** 80-ELF-011-21

**Improvement Type** Building & Building Improvements

**Division** 80 - 215 - Electric Reserve

**Description** Replace 4,673 linear feet of existing overhead lines with aerial cable in areas that we have right of way restrictions. We plan on having the overhead single-phase lines

**Justification** Many of these lines are costly to maintain due to yard fences and vegetative growth. Replacement will add reliability while lowering maintenance costs.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$30,000	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$0	\$30,000	\$0	\$0	\$0	\$30,000

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## Overhead Aerial Cable Project - Polk Avenue, Taylor Street and 5th

<b>Project Number</b>	80-ELF-012-21
<b>Improvement Type</b>	Building & Building Improvements
<b>Division</b>	80 - 215 - Electric Reserve
<b>Description</b>	Replace 3,024 linear feet of existing overhead lines with aerial cable in areas that we have right of way restrictions. We plan on having the overhead single-phase lines
<b>Justification</b>	Many of these lines are costly to maintain due to yard fences and vegetative growth. Replacement will add reliability while lowering maintenance costs.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$30,000	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$0	\$30,000	\$0	\$0	\$0	\$30,000

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## Primary System Improvements - Substation #7

**Project Number** 80-ELX-002-21

**Improvement Type** Land & Land Improvements

**Division** 80 - 215 - Electric Reserve

**Description** Add a feeder from Substation 7 going East.

**Justification** This improvement was identified by Toth and Associates in the 2019 electric system study. This additional feeder will help serve load growth and also provide support during a contingency.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$0	\$1,076,600	\$0	\$0	\$1,076,600
						\$0
						\$0
Project Totals	\$0	\$0	\$1,076,600	\$0	\$0	\$1,076,600

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## Primary System Improvements - Substation #1

**Project Number** 80-ELX-012-21

**Improvement Type** Land & Land Improvements

**Division** 80 - 215 - Electric Reserve

**Description** Convert existing conductor from Substation 1 Feeders 11 and 13, approximately 1.2 miles, from 3 phase to 3 phase 477 ACSR.

**Justification** These improvements were identified by Toth and Associates in the 2019 electric system study. This reconductoring will reduce the load during peak times as well as prevent the overloading of conductors during a contingency.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$0	\$957,100	\$0	\$0	\$957,100
						\$0
						\$0
Project Totals	\$0	\$0	\$957,100	\$0	\$0	\$957,100

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# Electric

## Primary System Improvements - Substation #5

**Project Number** 80-ELX-004-21

**Improvement Type** Land & Land Improvements

**Division** 80 - 215 - Electric Reserve

**Description** Construct approximately 0.25 miles of 3 phase 4/0 URD. Also, convert approximately 0.24 miles of existing single phase to 3 phase 1/0 ACSR.

**Justification** These improvements were identified by Toth and Associates in the 2019 electric system study. Extending this feed will improve reliability in the area by not serving most of the houses from private right of way which could be hard to access at times.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$0	\$0	\$371,000	\$0	\$371,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$371,000	\$0	\$371,000

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## Substation Improvements - Substation #1

**Project Number** 80-ELX-014-21

**Improvement Type** Machinery & Equipment

**Division** 80 - 215 - Electric Reserve

**Description** Install new standard transformer protection panel.

**Justification** This improvement was identified by Toth and Associates in the 2019 electric system study. Installation of the new standard transformer protection panel will provide enhanced protection speed, improved reliability, and the ability to capture event data.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$0	\$0	\$140,000	\$0	\$140,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$140,000	\$0	\$140,000

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## Substation Improvements - Substation #2

**Project Number** 80-ELX-005-21

**Improvement Type** Machinery & Equipment

**Division** 80 - 215 - Electric Reserve

**Description** Install new standard transformer protection panel, sudden pressure relay, and seal-in relay.

**Justification** These improvements were identified by Toth and Associates in the 2019 electric system study. Installation of the new standard transformer protection panel will provide enhanced protection speed, improved reliability, and the ability to capture event data. Installation of transformer sudden pressure and seal-in relays will further

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$0	\$0	\$153,000	\$0	\$153,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$153,000	\$0	\$153,000

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## Substation Improvements - Substation #7

**Project Number** 80-ELX-013-21

**Improvement Type** Machinery & Equipment

**Division** 80 - 215 - Electric Reserve

**Description** Replace transformer with 12 MVA unit. Add breaker and foundation to spare bay for new feeder. Replace outdoor relay cabinet with indoor standard protection panel.

**Justification** These improvements were identified by Toth and Associates in the 2019 electric system study. This will create a new feeder to serve load located east from the station. This will create the ability to pick up critical loads during a contingency, achieve existing transformer protection, improve reliability, and the ability to capture

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$0	\$0	\$0	\$600,000	\$600,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$600,000	\$600,000

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## Substation Improvements - Substation #5

<b>Project Number</b>	80-ELX-015-21
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	80 - 215 - Electric Reserve
<b>Description</b>	Replace transformer #1 with 10 MVA unit from Substation #3 transformer upgrade
<b>Justification</b>	This improvement was identified by Toth and Associates in the 2019 electric system study. Replacing this transformer will provide greater reliability during these contingencies.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$0	\$0	\$100,000	\$0	\$100,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$100,000	\$0	\$100,000

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## Primary System Improvements - Substation #2

**Project Number** 80-ELX-006-21

**Improvement Type** Land & Land Improvements

**Division** 80 - 215 - Electric Reserve

**Description** Convert approximately 0.65 miles of 4/0 ACSR and 4/0 URD to 477 ACSR and 750 MCM.

**Justification** These improvements were identified by Toth and Associates in the 2019 electric system study. This reconductoring will reduce the load during peak times as well as prevent the overloading of conductors during a contingency.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$0	\$0	\$0	\$0	\$623,700	\$623,700
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$623,700	\$623,700

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# Electric

## Skid Steer with Forestry Processor

**Project Number** 80-ELF-001-23

**Improvement Type** Machinery & Equipment

**Division** 80 - 200 - Electric Operating

**Description** Purchase skid steer with forestry proceesor

**Justification** This will replace the current 2013 skid steer and forestry attachment.

Funding Source	2023	2024	2025	2026	2027	Total
Electric Rates	\$80,000	\$0	\$0	\$0	\$0	\$80,000
						\$0
						\$0
Project Totals	\$80,000	\$0	\$0	\$0	\$0	\$80,000

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## Backhoe

**Project Number** 01-FMS-001-23

**Improvement Type** Machinery & Equipment

**Division** 01 - 100 - General

**Description** Purchase of a new backhoe to replace a 2003 model unit

**Justification** A backhoe is used to excavate ditches, haul and load material, and remove snow. The backhoe being replaced is approaching the end of expected life. Staff anticipates trading in the unit being replaced to help defray purchase cost of the new unit

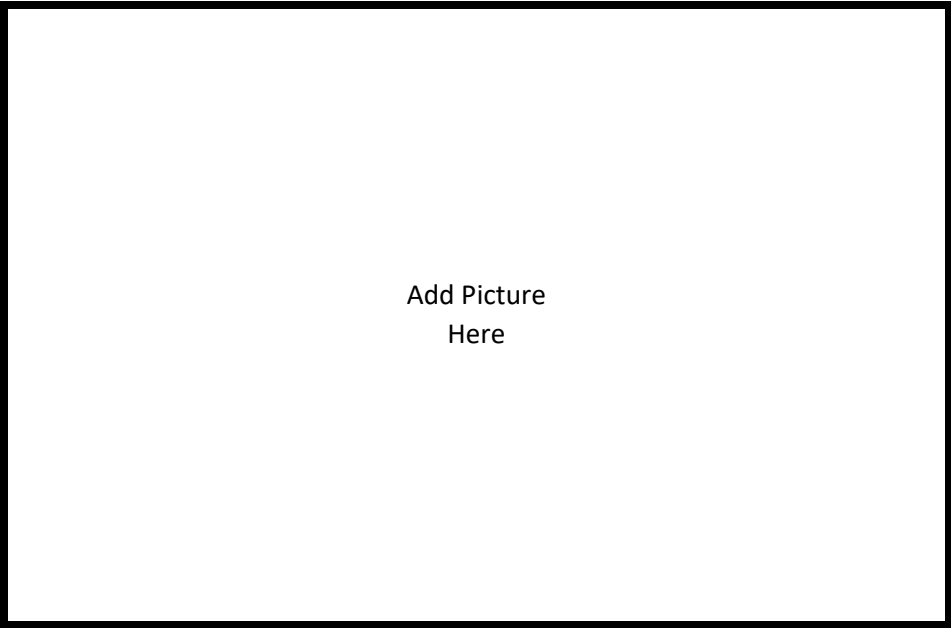
Funding Source	2024	2025	2026	2027	2027	Total
Service Funds	\$111,000	\$111,000	\$111,000	\$111,000	\$111,000	\$555,000
Trade-in of Existing Equipment	-\$13,000	-\$13,000	-\$13,000	-\$13,000	-\$13,000	(\$65,000)
						\$0
Project Totals	\$98,000	\$98,000	\$98,000	\$98,000	\$98,000	\$490,000

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## Elm Street Christmas Decorations

Project Number	22-FMS-005-20
Improvement Type	Land & Land Improvements
Division	22 - 605 - General
Description	Acquisition of Christmas decorations along Elm Street/Route 66
Justification	Christmas decorations have been added along Elm Street over the last several years and this project seeks to continue that effort. The addition of these decorations (candy canes) would provide a decoration on poles past Booten and Springfield Road in 2018 and additional decorations the future years to go the entire length of Elm

Funding Source	2023	2024	2025	2026	2027	Total
Capital Improvement Tax	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$30,000
						\$0
						\$0
Project Totals	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$30,000



## 60" Zero Turn Mower

**Project Number** 01-FMS-002-19

**Improvement Type** Machinery & Equipment

**Division** - -

**Description** Replacement of 60" zero turn mowers

**Justification** The current mowers are 2010, 2012 and 2013 model years. During their typical service life these units accrue significant numbers of hours on the chassis and mechanical parts. As they continue to age the cost to run per hour increases and the mowing crew experiences more breakdowns. These breakdowns are expensive from

Funding Source	2024	2025	2026	2027	2027	Total
Service Funds	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$62,500
						\$0
						\$0
Project Totals	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$62,500

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## Half Ton Pickup

**Project Number** 01-FMS-002-16

**Improvement Type** Vehicles

**Division** -

**Description** Replacement of ½ ton pickups

**Justification** Replacement of pickups used by Facilities Management. These vehicles are used to transport staff and supplies between job sites in the City network of facilities. One of these vehicles needs to be a ¾ ton 4x4 for snow removal throughout the city parking lots. While the vehicle has been maintained and will continue to be, many of the

Funding Source	2024	2025	2026	2027	2027	Total
Service Funds	\$0	\$24,000	\$0	\$0	\$0	\$24,000
						\$0
						\$0
Project Totals	\$0	\$24,000	\$0	\$0	\$0	\$24,000

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## Replace Existing Computer Systems

**Project Number** 01-FIN-001-19

**Improvement Type** Furniture & Office Equipment

**Division** 01 - 170 - Finance Department

**Description** Replacement of desktops or laptops with Win 7, 32-bit OS with current OS provided by Microsoft.

**Justification** Current systems will have reached their end of life and operate on Win 7. Applications and suites will modify the way Finance is driven. Higher computing capacity will be required to process data efficiently. As Incode, CMMS, and other databases are used more and more, the system must keep up. Current systems were

Funding Source	2023	2024	2025	2026	2027	Total
Electric, Water and Wastewater Funds	\$0	\$5,000	\$2,500	\$0	\$0	\$7,500
						\$0
						\$0
Project Totals	\$0	\$5,000	\$2,500	\$0	\$0	\$7,500

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## Confined Space Rescue Breathing System

**Project Number** 01-FDE-001-21

**Improvement Type** Machinery & Equipment

**Division** 01 - 110 - Fire Department

**Description** Confined space rescue breathing system

**Justification** During a confined space rescue situation it is often necessary to provide rescue personnel with breathing air. Current SCBA utilized for fire suppression is bulky and not effective in confined spaces. This is due to the limited air supply and physical size of the SCBA. This apparatus provides a much smaller physical device for use in

Funding Source	2024	2025	2026	2027	2027	Total
General Fund	\$18,000	\$0	\$0	\$0	\$0	\$18,000
						\$0
						\$0
Project Totals	\$18,000	\$0	\$0	\$0	\$0	\$18,000

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## Battery Powered PPV Fans

**Project Number** 01-FDX-001-22

**Improvement Type** Machinery & Equipment

**Division** 01 - 110 - Fire Department

**Description** Purchase

**Justification** Technology has improved PPV fans. They are now battery powered, easier to deploy, and do not add CO gas to an already toxic environment. This new design may also allow the department to eliminate other electric fans.

Funding Source	2024	2025	2026	2027	2027	Total
General Fund	\$0	\$0	\$10,000	\$0	\$0	\$10,000
						\$0
						\$0
Project Totals	\$0	\$0	\$10,000	\$0	\$0	\$10,000

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## Replace Nozzles

**Project Number** 01-FDX-001-23

**Improvement Type** Machinery & Equipment

**Division** 01 - 110 - Fire Department

**Description** Purchase

**Justification** Fire Department nozzles are nearly 20 years old. Current nozzle designs has improved water flow, ease of use, and inter-changeable parts. Current nozzles are lighter, thereby reducing fatigue on fire fighters.

Funding Source	2024	2025	2026	2027	2027	Total
General Fund	\$17,000	\$0	\$0	\$0	\$0	\$17,000
						\$0
						\$0
Project Totals	\$17,000	\$0	\$0	\$0	\$0	\$17,000

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## Bunker Gear

**Project Number** 22-FDE-001-17

**Improvement Type** Machinery & Equipment

**Division** 22 - 605 - General

**Description** Purchase of new bunker pants, coats, and boots

**Justification** The Fire Department has established a bunker gear program which provides each firefighter two set of gear. This allows personnel to wash and repair a set of gear as needed and have a second set to wear. The process also provides a rotation in which no gear is ever 10 years old or older. NFPA recommends replacing gear every 10

Funding Source	2023	2024	2025	2026	2027	Total
Capital Improvement Fund	\$72,000	\$72,000	\$72,000	\$72,000	\$72,000	\$360,000
						\$0
						\$0
Project Totals	\$72,000	\$72,000	\$72,000	\$72,000	\$72,000	\$360,000

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## Mobile Traffic Light Controll

**Project Number** 22-FDE-002-17

**Improvement Type** Machinery & Equipment

**Division** 22 - 605 - General

**Description** Purchase of devices which the direction of travel associated with traffic signals

**Justification** Emergency vehicles are often faced with traffic congestion especially at large intersections which are controlled by traffic lights. Many times, this forces the emergency vehicle to drive in the on-coming lanes of traffic. This situation places emergency vehicles head-to-head with traffic which can increase the likelihood of a

Funding Source	2023	2024	2025	2026	2027	Total
Capital Improvement Tax	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$90,000
						\$0
						\$0
Project Totals	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$90,000

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## Service Truck

**Project Number** 60-GFM-001-19

**Improvement Type** Vehicles

**Division** 60 - 305 - Garage

**Description** Replacement of one (1) 1999 3/4-ton Ford pickup with utility bed

**Justification** Replacement of model year 1999 pickup used by the Garage. This vehicle is used to transport staff and supplies between job sites in the city network of facilities. While the vehicle has been maintained and will continue to be, many of the internal parts of the drive train have significant wear, and will have considerable cost associated with

Funding Source	2023	2024	2025	2026	2027	Total
Service Funds	\$60,000	\$0	\$0	\$0	\$0	\$60,000
						\$0
						\$0
Project Totals	\$60,000	\$0	\$0	\$0	\$0	\$60,000

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## Heavy Truck Scan Tool

**Project Number** 60-GFM-005-19

**Improvement Type** Machinery & Equipment

**Division** 60 - 305 - Garage

**Description** Purchase of one (1) heavy truck scan tool

**Justification** This will give the ability of the Garage to scan and diagnose the different manufacturers of engines that are installed in heavy trucks in the City fleet. Heavy trucks currently must be scheduled and sent to Springfield to diagnose even the simplest codes.

Funding Source	2023	2024	2025	2026	2027	Total
Service Funds	\$5,000	\$0	\$0	\$0	\$0	\$5,000
						\$0
						\$0
Project Totals	\$5,000	\$0	\$0	\$0	\$0	\$5,000

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## Floor Drain System

**Project Number** 60-GFX-004-21

**Improvement Type** Building & Building Improvements

**Division** 60 - 305 - Garage

**Description** Install floor drain system in garage

**Justification** Installing a floor drain system will provide a safe and effective way to collect fluids that are spilled on the garage floor.

Funding Source	2023	2024	2025	2026	2027	Total
Service Funds	\$10,000	\$0	\$0	\$0	\$0	\$10,000
						\$0
						\$0
Project Totals	\$10,000	\$0	\$0	\$0	\$0	\$10,000

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## New Compressor in New Enclosed Room

**Project Number** 60-GFX-003-21

**Improvement Type** Machinery & Equipment

**Division** 60 - 305 - Garage

**Description** Purchase a new compressor and enclose it in a new room

**Justification** Our current compressor has exceeded its life expectancy and needs to be replaced. By building an enclosed room for the new compressor not only will it help cut down on the noise but it will protect it from dust/debris and hopefully extend its life expectancy.

Funding Source	2023	2024	2025	2026	2027	Total
Service Funds	\$0	\$0	\$3,000	\$0	\$0	\$3,000
						\$0
						\$0
Project Totals	\$0	\$0	\$3,000	\$0	\$0	\$3,000

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## Garage Roll-Up Doors

**Project Number** 60-GFX-001-21

**Improvement Type** Building & Building Improvements

**Division** 60 - 305 - Garage

**Description** Replace all garage roll-up doors

**Justification** The existing garage roll-up doors are consistently requiring repairs due to age and constant use.

Funding Source	2023	2024	2025	2026	2027	Total
Service Funds	\$0	\$0	\$0	\$38,000	\$38,000	\$76,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$38,000	\$38,000	\$76,000

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## Replace Existing Computer Systems

**Project Number** 01-ITS-001-20

**Improvement Type** Furniture & Office Equipment

**Division** 60 - 315 - Information Technology

**Description** Replacement of desktops, laptops, and tablets with Win 7 to Win 10 or greater

**Justification** Current systems will have reached the end of life and operate under Win 7, 32-bit. Win 10 or greater will be required to continue processing data in efficient manner. The tablets will be used for remote work or field operations. The IT Department is often stretched thin and all over the city. The tablet will allow remote access to

Funding Source	2023	2024	2025	2026	2027	Total
Service Funds	\$0	\$0	\$2,500	\$0	\$0	\$2,500
						\$0
						\$0
Project Totals	\$0	\$0	\$2,500	\$0	\$0	\$2,500



## Printer Replacement Konica

**Project Number** 99-ITS-003-20

**Improvement Type** Furniture & Office Equipment

**Division** 22 - 605 - General

**Description** Replacement of networked high-end printer for city hall

**Justification** The current printer (Konica Minolta) will have reached its end of service life in 2020. The printer was swapped with the PW Konica in FY16 and will be well over 4 million prints. The printer is used by all departments across the city, but heavily used by billing and utilities. Beyond FY20, network printers will need to be replaced city-wide

Funding Source	2023	2024	2025	2026	2027	Total
Service Funds	\$7,500	\$0	\$0	\$0	\$0	\$7,500
						\$0
						\$0
Project Totals	\$7,500	\$0	\$0	\$0	\$0	\$7,500

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## SCALE Nodes

**Project Number** 99-ITX-001-21

**Improvement Type** Furniture & Office Equipment

**Division** 60 - 315 - Information Technology

**Description** Purchase additional SCALE nodes

**Justification** With the Ag Barn, Atchley Park, Palmer, and Downtown Business District additions to the network, the SCALE will be overworked. Two additional hardware devices will ensure the routing and storage of information is seamless. The cost will be spread across departments as they will become data access points for the closest processing

Funding Source	2023	2024	2025	2026	2027	Total
Service Funds	\$22,524	\$0	\$0	\$0	\$0	\$22,524
						\$0
						\$0
Project Totals	\$22,524	\$0	\$0	\$0	\$0	\$22,524



## Switches

**Project Number** 99-ITS-002-21

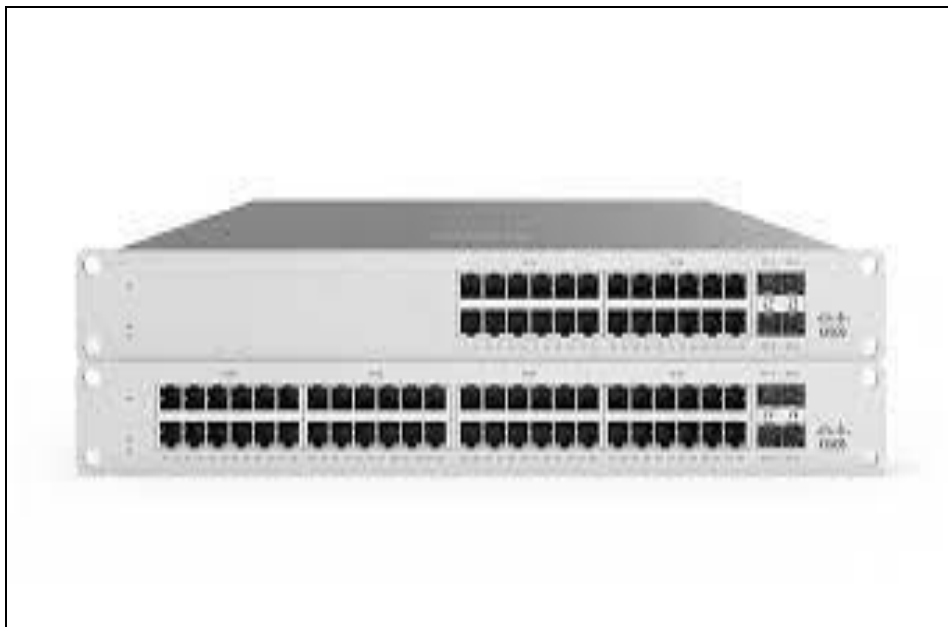
**Improvement Type** Furniture & Office Equipment

**Division** 60 - 315 - Information Technology

**Description** Purchase switches for expansion

**Justification** With the Ag Barn and Palmer additions to the fiber ring, the switches will enable network access and communication. Both buildings do not have City of Lebanon access. Fiber is located at both buildings but has yet to be terminated

Funding Source	2023	2024	2025	2026	2027	Total
Service Funds	\$8,385	\$0	\$0	\$0	\$0	\$8,385
						\$0
						\$0
Project Totals	\$8,385	\$0	\$0	\$0	\$0	\$8,385





# Parks

## Shelter Replacements

**Project Number** 79-PKX-005-24

**Improvement Type** Building & Building Improvements

**Division** 79 - 500 - Parks Operation and Administration

**Description** Replacement of shelters throughout the parks

**Justification** Several shelters are getting old and in need of several repairs, replacing them is part of the maintenance replacement schedule

Funding Source	2023	2024	2025	2026	2027	Total
Park Tax and Fees	\$0	\$30,000	\$0	\$30,000	\$0	\$60,000
						\$0
						\$0
Project Totals	\$0	\$30,000	\$0	\$30,000	\$0	\$60,000

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# Parks

## Purchase of new mower

**Project Number** 79-PKX-002-22

**Improvement Type** Machinery & Equipment

**Division** 79 - 500 - Parks Operation and Administration

**Description** 60 inch zero turn mower

**Justification** Equipment purchase for park board's equipment replacement schedule

Funding Source	2023	2024	2025	2026	2027	Total
Park Tax and Fees	\$10,000	\$10,500	\$11,000	\$11,500	\$15,000	\$58,000
						\$0
						\$0
Project Totals	\$10,000	\$10,500	\$11,000	\$11,500	\$15,000	\$58,000



# Parks

## Purchase of new park utility vehicle

**Project Number** 79-PKX-004-22

**Improvement Type** Machinery & Equipment

**Division** 79 - 500 - Parks Operation and Administration

**Description** Gator utility vehicle

**Justification** Equipment purchase based on park board's equipment replacement schedule

Funding Source	2023	2024	2025	2026	2027	Total
Park Tax and Fees	\$14,000	\$0	\$0	\$0	\$0	\$14,000
						\$0
						\$0
Project Totals	\$14,000	\$0	\$0	\$0	\$0	\$14,000

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# Parks

## Resurface Parking Lots

**Project Number** 79-PKX-004-23

**Improvement Type** Land & Land Improvements

**Division** 79 - 500 - Parks Operation and Administration

**Description** Resurface the parking lot by the ballfield and pool at Boswell Park in 2023 and resurface parking lots at Gasconade and Hughes Center in 2025

**Justification** Scheduled maintenance program for parking lot

Funding Source	2023	2024	2025	2026	2027	Total
Park Tax and Fees	\$25,000	\$0	\$75,000	\$0	\$0	\$100,000
						\$0
						\$0
Project Totals	\$25,000	\$0	\$75,000	\$0	\$0	\$100,000

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# Parks

## Purchase John Deere Tractor

**Project Number** 79-PKX-003-22

**Improvement Type** Machinery & Equipment

**Division** 79 - 500 - Parks Operation and Administration

**Description** Purchase of new tractor

**Justification** Tractor replacement is part of the equipment replacement schedule

Funding Source	2023	2024	2025	2026	2027	Total
Park Tax and Fees	\$0	\$35,000	\$0	\$0	\$0	\$35,000
						\$0
						\$0
Project Totals	\$0	\$35,000	\$0	\$0	\$0	\$35,000

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# Parks

## Purchase of new vehicle

**Project Number** 79-PKX-004-24

**Improvement Type** Vehicles

**Division** 79 - 500 - Parks Operation and Administration

**Description** Replacement of current vehicles

**Justification** Replacement of vehicles based on the equipment replacement schedule

Funding Source	2023	2024	2025	2026	2027	Total
Park Tax and Fees	\$25,500	\$0	\$26,500	\$27,000	\$0	\$79,000
						\$0
						\$0
Project Totals	\$25,500	\$0	\$26,500	\$27,000	\$0	\$79,000



# Parks

## Replace computer system

**Project Number** 79-PKX-001-24

**Improvement Type** Furniture & Office Equipment

**Division** 79 - 500 - Parks Operation and Administration

**Description** Replace current computer system

**Justification** Current computer system will be outdated and need to be upgraded

Funding Source	2023	2024	2025	2026	2027	Total
Park Tax and Fees	\$0	\$0	\$5,000	\$0	\$0	\$5,000
						\$0
						\$0
Project Totals	\$0	\$0	\$5,000	\$0	\$0	\$5,000

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# Parks

## Purchase of truck with dump bed

**Project Number** 79-PKX-002-26

**Improvement Type** Vehicles

**Division** 79 - 500 - Parks Operation and Administration

**Description** Truck with dump bed

**Justification** To allow parks to haul mulch, dirt, and ball field materials

Funding Source	2023	2024	2025	2026	2027	Total
Park Tax and Fees	\$0	\$0	\$0	\$0	\$40,000	\$40,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$40,000	\$40,000

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# Parks

## Walking trail maintenance

**Project Number** 79-PKX-001-26

**Improvement Type** Land & Land Improvements

**Division** 79 - 500 - Parks Operation and Administration

**Description** Resealing of walking trails at Harke and Atchley Park

**Justification** Routine maintenance of walking trails that is to be completes every 7 years

Funding Source	2023	2024	2025	2026	2027	Total
Park Tax and Fees	\$0	\$0	\$0	\$15,000	\$15,000	\$30,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$15,000	\$15,000	\$30,000

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# Parks

## Boswell Aquatic Center equipment

<b>Project Number</b>	79-BXX-001-21
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	79 - 515 - Boswell Aquatic Center
<b>Description</b>	Replacement of shelter covers and floating toys in 2021 and of lounge chairs and picnic tables in 2026 at Boswell Aquatic Center
<b>Justification</b>	Normal replacement of equipment that wear out or are broken over time

Funding Source	2023	2024	2025	2026	2027	Total
Park Tax and Fees	\$0	\$0	\$0	\$15,000	\$15,000	\$30,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$15,000	\$15,000	\$30,000

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## 911 Hardware

**Project Number** 01-PDA-002-19

**Improvement Type** Furniture & Office Equipment

**Division** 01 - 115 - Police Department

**Description** Purchase of hardware and software for in-house 911 System

**Justification** Current 911 system is a branch off the county 911 system. The laptop configuration is designed for mobile command structures, not a fixed installation. Also, the county relays calls to the city or uses over-the-air communication and the city would like to go back to silent dispatch methods deployed in our fleet. Requested the fixed unit

Funding Source	2024	2025	2026	2027	2027	Total
General Fund	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$20,000
						\$0
						\$0
Project Totals	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$20,000



## WAVE Upgrade

**Project Number** 22-PDA-001-18

**Improvement Type** Software - Purchase

**Division** 01 - 115 - Police Department

**Description** Upgrade software

**Justification** Update is necessary

Funding Source	2024	2025	2026	2027	2027	Total
General Fund	\$0	\$5,000	\$0	\$0	\$0	\$5,000
						\$0
						\$0
Project Totals	\$0	\$5,000	\$0	\$0	\$0	\$5,000



## Replace Existing Computer Systems

**Project Number** 01-PDA-003-18

**Improvement Type** Furniture & Office Equipment

**Division** 03 - 515 - Police Public Safety

**Description** Replacement of desktops or laptops with Win 7 32-bit OS with Win 10 or greater

**Justification** Current desktops and in-car tablets are at end of life and most were already years old since they were received from DoD free program. Through DoD the department will continue to stay on the list, but some systems are not compatible with .NET framework 4.5, which is required by CJIS and Omnigo (application manager). Without

Funding Source	2024	2025	2026	2027	2027	Total
General Fund	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$80,000
						\$0
						\$0
Project Totals	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$80,000



## Patrol Cars

**Project Number** 22-PDA-003-15

**Improvement Type** Vehicles

**Division** 03 - 515 - Police Public Safety

**Description** Replacement of Police Vehicles

**Justification** The Police Department has implemented a replacement cycle to replace three aging and high mileage patrol vehicles each year. This replacement program will keep the police department patrol fleet in reliable condition and eliminate the necessity of replacing large numbers of vehicles at one time. The three vehicles scheduled to be

Funding Source	2023	2024	2025	2026	2027	Total
Capital Improvement Tax	\$264,000	\$264,000	\$204,000	\$0	\$0	\$732,000
						\$0
						\$0
Project Totals	\$264,000	\$264,000	\$204,000	\$0	\$0	\$732,000



## Automatic License Plate Reader (APLR)

**Project Number** 22-PDA-002-18

**Improvement Type** Machinery & Equipment

**Division** 22 - 605 - General

**Description** Purchase of complete permanent LPR camera system

**Justification** Ensures more plates are valid and registered to proper vehicle and assists officers in removing “tagged” vehicles off the street. The system reads license plates through four cameras and runs the plates through a variety of databases resulting with immediate responses to the officer. If the plate is “tagged” meaning is stolen or is

Funding Source	2023	2024	2025	2026	2027	Total
Capital Improvement Tax	\$0	\$0	\$0	\$24,000	\$24,000	\$48,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$24,000	\$24,000	\$48,000

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## License Plate Readers

**Project Number** 05-PDX-001-22

**Improvement Type** Machinery & Equipment

**Division** 03 - 515 - Police Public Safety

**Description** LPR equipment in strategic locations

**Justification** Continue to build LPR network within city to enhance safety and security for officers and citizens

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$24,000	\$0	\$0	\$0	\$0	\$24,000
						\$0
						\$0
Project Totals	\$24,000	\$0	\$0	\$0	\$0	\$24,000





## Stormwater: Bland Rd.

**Project Number** 01-SWC-004-23

**Improvement Type** Land & Land Improvements

**Division** 01 - 165 - Storm Water

**Description** Construct large culvert and raise street above flood elevation

**Justification** Existing culvert inadequate capacity and street elevation below flood

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$250,000	\$0	\$0	\$0	\$0	\$250,000
						\$0
						\$0
Project Totals	\$250,000	\$0	\$0	\$0	\$0	\$250,000

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## Stormwater: Waterman Drive and Windsor Drive

**Project Number** 01-SWC-003-18

**Improvement Type** Land & Land Improvements

**Division** 01 - 165 - Storm Water

**Description** Obtain drainage-way easement, clear and stabilize existing drainage-way. Note: Formally 01-ENV-003-18

**Justification** Existing drainage-way lacks capacity causing area flooding

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$0	\$0	\$0	\$25,000	\$0	\$25,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$25,000	\$0	\$25,000

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## Stormwater: Mountrose Beacon Branch

**Project Number** 01-SWC-001-19

**Improvement Type** Land & Land Improvements

**Division** 01 - 165 - Storm Water

**Description** Complete stormwater study on Beacon Branch to identify improvements. Obtain drainage-way easements, clear and stabilize existing drainage-way along Mountrose.

**Justification** Watershed north of Mountrose was developed prior to stormwater detention requirements. Stormwater tops street driving surface during extreme rain events

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$0	\$0	\$750,000	\$0	\$0	\$750,000
						\$0
						\$0
Project Totals	\$0	\$0	\$750,000	\$0	\$0	\$750,000

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Stormwater: Springfield and Jackson

**Project Number** 01-SWC-002-19

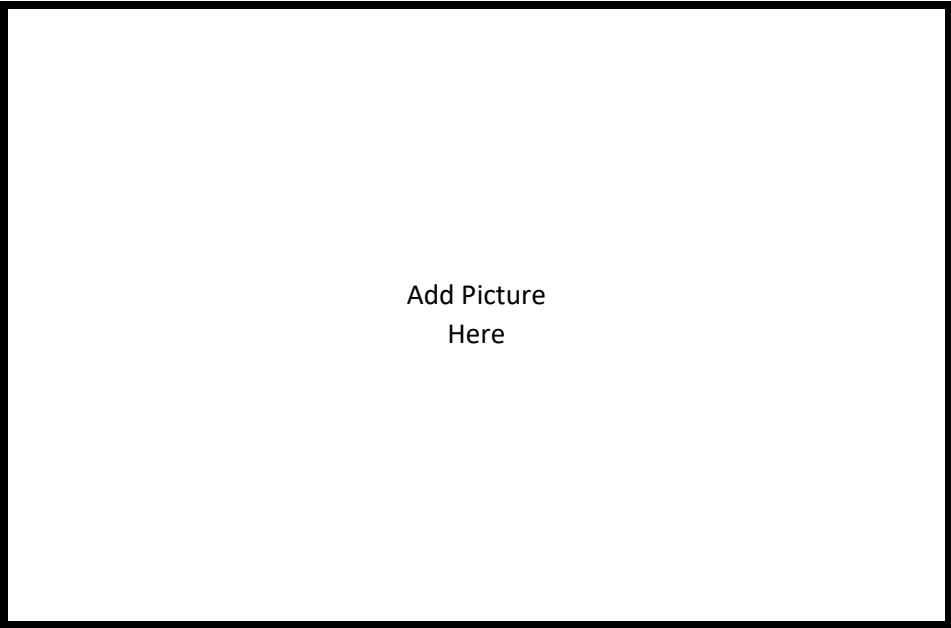
**Improvement Type** Land & Land Improvements

**Division** 01 - 165 - Storm Water

**Description** Obtain drainage-way easements, clear and stabilize existing drainage-way from Jackson to Springfield. Note: Formally 01-ENV-002-19

**Justification** Existing drainage-way has bank erosion and lack adequate capacity during intense rain events

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$0	\$0	\$35,000	\$0	\$0	\$35,000
						\$0
						\$0
Project Totals	\$0	\$0	\$35,000	\$0	\$0	\$35,000



## Stormwater: Hydraulic Engineering Study

<b>Project Number</b>	01-SWC-006-19
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	01 - 165 - Storm Water
<b>Description</b>	A study of the flow and conveyance of fluids, principally water and sewage. Note: Formally 01-ENV-006-19
<b>Justification</b>	Watershed studies to identify capital improvement needs and to evaluate FEMA Flood Zone mapping

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$50,000	\$50,000	\$0	\$0	\$50,000	\$150,000
						\$0
						\$0
Project Totals	\$50,000	\$50,000	\$0	\$0	\$50,000	\$150,000

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## Stormwater: Washington and North Park Manor

<b>Project Number</b>	01-SWC-001-20
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	01 - 165 - Storm Water
<b>Description</b>	Obtain drainage-way easements, clear and stabilize existing drainage-way from Washington Avenue to East North Park Manor Boulevard. Note: Formally 01-ENV-001-
<b>Justification</b>	Existing drainage-way has bank erosion and lack adequate capacity during intense rain events

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$0	\$0	\$0	\$50,000	\$50,000	\$100,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$50,000	\$50,000	\$100,000

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## Stormwater: Kansas

**Project Number** 01-SWC-001-24

**Improvement Type** Land & Land Improvements

**Division** 01 - 165 - Storm Water

**Description** Construct large culvert and raise street above flood elevation

**Justification** Existing culvert inadequate capacity and street below flood elevation

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$0	\$300,000	\$0	\$0	\$25,000	\$325,000
						\$0
						\$0
Project Totals	\$0	\$300,000	\$0	\$0	\$25,000	\$325,000

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## Stormwater: Springfield and Jackson

<b>Project Number</b>	01-SWC-002-21
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	01 - 165 - Storm Water
<b>Description</b>	Obtain drainage-way easements between Jackson Ave. and Springfield Rd., clear and stabilize existing drainage-way. Note: Formally 01-ENV-002-21
<b>Justification</b>	Existing drainage-way has lack adequate capacity during intense rain events

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$0	\$0	\$0	\$25,000	\$0	\$25,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$25,000	\$0	\$25,000

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## Stormwater: Magnetic Addition

**Project Number** 01-SWC-001-26

**Improvement Type** Land & Land Improvements

**Division** 01 - 165 - Storm Water

**Description** Detention and piping improvements

**Justification** Area developed prior to detention requirements. Need regional detention and conveyance improvements

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$0	\$0	\$0	\$400,000	\$0	\$400,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$400,000	\$0	\$400,000

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## stormwater: Highway YY and Raef Road Improvements

<b>Project Number</b>	01-SWC-002-22
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	01 - 165 - Storm Water
<b>Description</b>	Obtain drainage-way easements, clear and stabilize existing drainage-way. Note: Formally 01-ENV-002-22
<b>Justification</b>	Existing drainage-way has lack adequate capacity during intense rain events

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$0	\$10,000	\$0	\$0	\$0	\$10,000
						\$0
						\$0
Project Totals	\$0	\$10,000	\$0	\$0	\$0	\$10,000

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## Stormwater: Washington and Park Manor

<b>Project Number</b>	01-SWC-003-22
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	01 - 165 - Storm Water
<b>Description</b>	Obtain drainage-way easements, clear and stabilize existing drainage-way. Note: Formally 01-ENV-003-22
<b>Justification</b>	Existing drainage-way has lack adequate capacity during intense rain events

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$100,000	\$0	\$0	\$0	\$0	\$100,000
						\$0
						\$0
Project Totals	\$100,000	\$0	\$0	\$0	\$0	\$100,000

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## Stormwater: West Fremont Improvements

**Project Number** 01-SWC-001-23

**Improvement Type** Land & Land Improvements

**Division** 01 - 165 - Storm Water

**Description** Clear and stabilize existing drainage-way. Note: Formally 01-ENV-001-23

**Justification** Existing drainage-way has lack adequate capacity during intense rain events with no erosion control.

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$10,000	\$0	\$0	\$0	\$0	\$10,000
						\$0
						\$0
Project Totals	\$10,000	\$0	\$0	\$0	\$0	\$10,000

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## Stormwater: Evergreen Improvements

**Project Number** 01-SWC-002-23

**Improvement Type** Land & Land Improvements

**Division** 01 - 165 - Storm Water

**Description** Replace existing piping and stabilize drainage-way. Note: Formally 01-ENV-002- 23

**Justification** Existing drainage-way concrete flume and piping is aged with defects

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$25,000	\$0	\$0	\$0	\$0	\$25,000
						\$0
						\$0
Project Totals	\$25,000	\$0	\$0	\$0	\$0	\$25,000

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## Stormwater: Old Town

**Project Number** 01-SWC-001-27

**Improvement Type** Land & Land Improvements

**Division** 01 - 165 - Storm Water

**Description** Detention and piping improvements

**Justification** Area developed prior to detention requirements

Funding Source	2023	2024	2025	2026	2027	Total
General Fund	\$0	\$0	\$0	\$0	\$300,000	\$300,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$300,000	\$300,000

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# Street

## Willow Lane

**Project Number** 08-STR-012-23

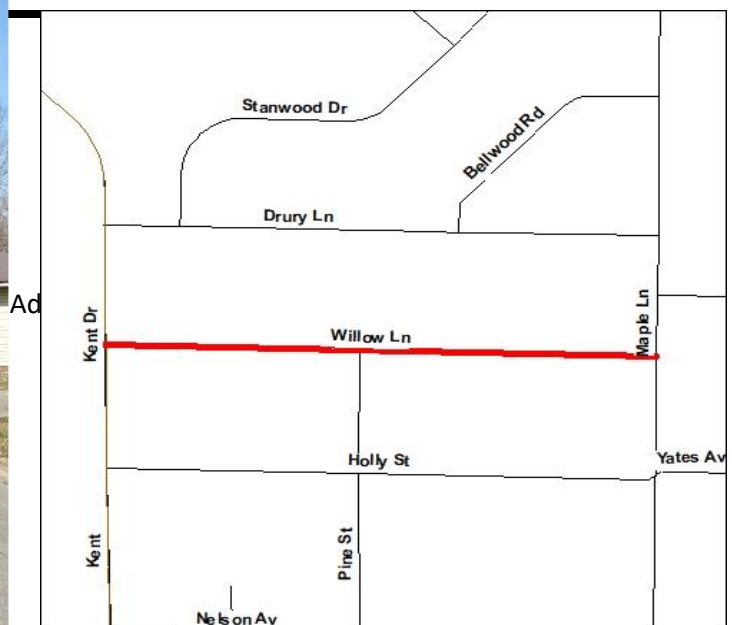
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 1,340' of Willow Lane from Kent Drive to Maple Lane.

**Justification** The pavement on Willow Lane is in very poor to failing condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$45,953	\$0	\$0	\$0	\$0	\$45,953
						\$0
						\$0
Project Totals	\$45,953	\$0	\$0	\$0	\$0	\$45,953



## Nelson Drive

**Project Number** 08-STR-013-23

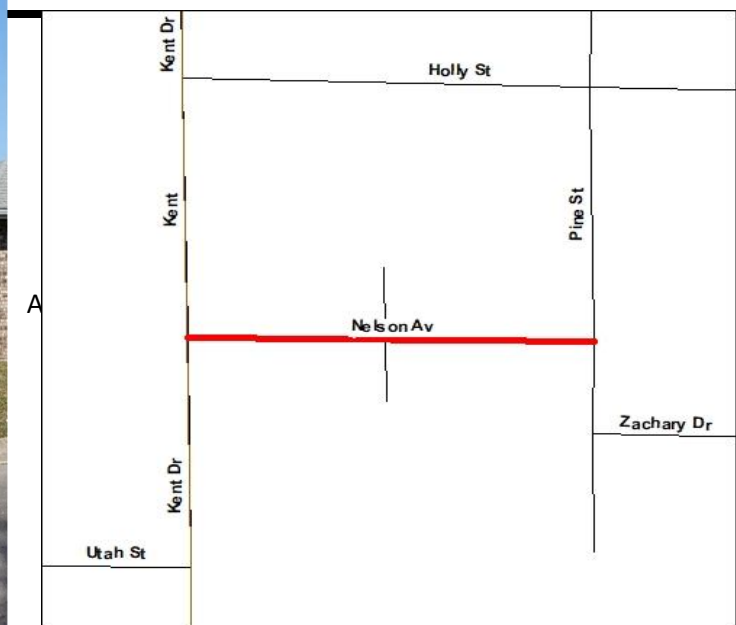
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 605' of Nelson Drive from Kent Drive to Pine Street.

**Justification** The pavement on Nelson Drive is in failing condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$20,747	\$0	\$0	\$0	\$0	\$20,747
						\$0
						\$0
Project Totals	\$20,747	\$0	\$0	\$0	\$0	\$20,747





## Holly Street

**Project Number** 08-STR-014-23

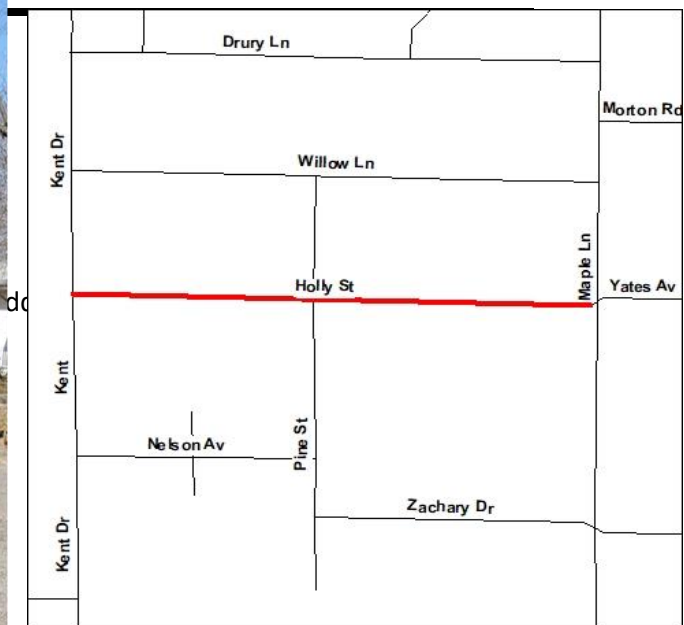
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 1,335' of Holly Street from Kent Drive to Maple Lane.

**Justification** The pavement on Holly Street is in very poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$45,782	\$0	\$0	\$0	\$0	\$45,782
						\$0
						\$0
Project Totals	\$45,782	\$0	\$0	\$0	\$0	\$45,782



## Nelson Court (North)

**Project Number** 08-STR-015-23

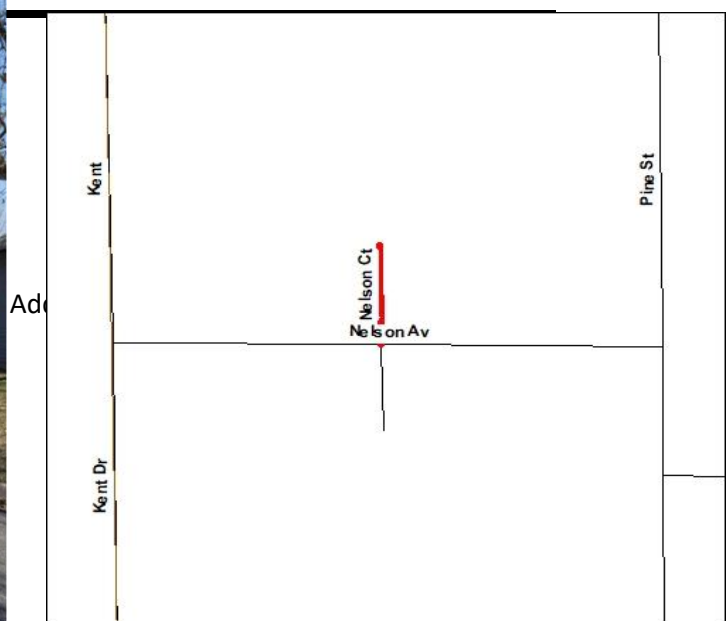
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 140' of Nelson Court from Nelson Drive to end of street.

**Justification** The pavement on Nelson Court is in very poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$8,841	\$0	\$0	\$0	\$0	\$8,841
						\$0
						\$0
<b>Project Totals</b>	<b>\$8,841</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,841</b>



## Single Axle Dump Truck

**Project Number** 08-STR-017-17

**Improvement Type** Vehicles

**Division** 08 - 500 - Street Operation

**Description** Purchase of a new single axle dump truck to replace a 1996 model unit

**Justification** A single axle dump truck is used to haul dirt, aggregate, asphalt, and plow snow. The single axle dump truck being replaced is approaching the end of expected life

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$120,000	\$0	\$120,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$120,000	\$0	\$120,000



## Greenwood Drive

**Project Number** 08-STR-016-23

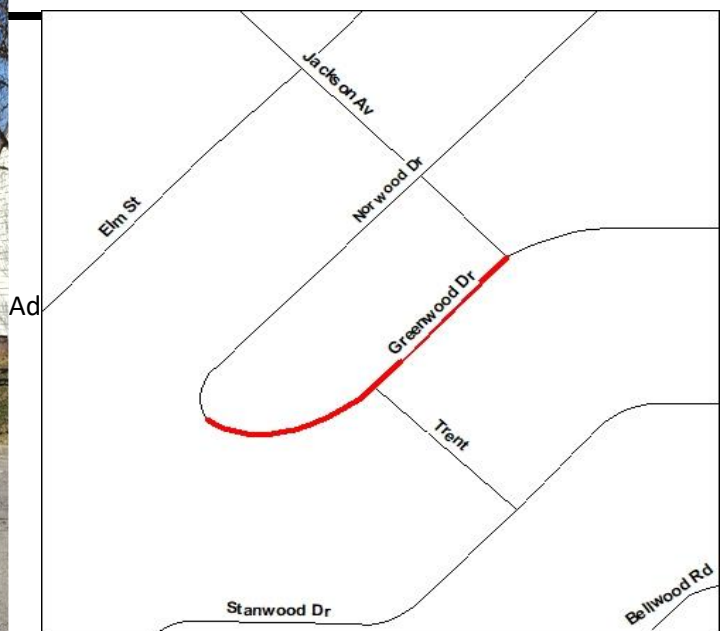
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 560' of Greenwood Drive from Jackson to Norwood.

**Justification** The pavement on Greenwood Drive is in poor to failing condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$22,405	\$0	\$0	\$0	\$0	\$22,405
						\$0
						\$0
Project Totals	\$22,405	\$0	\$0	\$0	\$0	\$22,405





## Pine Street

**Project Number** 08-STR-017-23

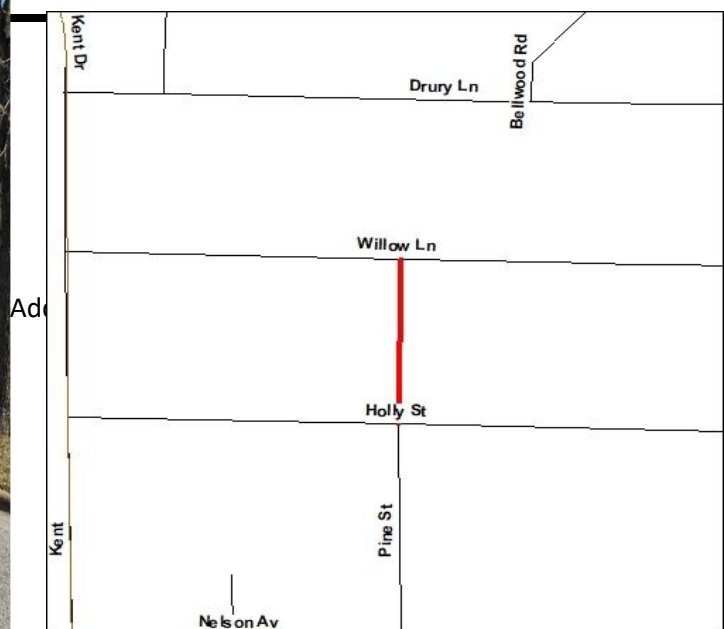
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 330' of Pine Street from Holly to Willow.

**Justification** The pavement on Pine Street is in very poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$11,317	\$0	\$0	\$0	\$0	\$11,317
						\$0
						\$0
<b>Project Totals</b>	<b>\$11,317</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,317</b>



## Trent Street

**Project Number** 08-STR-018-23

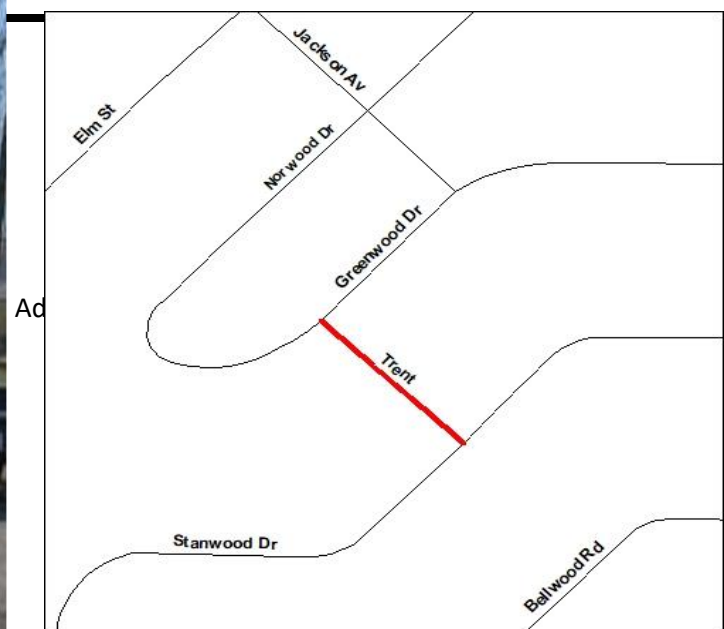
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 310' of Trent Street from Greenwood to Stanwood.

**Justification** The pavement on Trent Street is in very poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$12,403	\$0	\$0	\$0	\$0	\$12,403
						\$0
						\$0
Project Totals	\$12,403	\$0	\$0	\$0	\$0	\$12,403



## Dwight Street

**Project Number** 08-STR-019-23

**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 1,338' of Dwight Street from Rolling Hills to Dickens

**Justification** The pavement on Dwight Street is in poor to failing condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$38,091	\$0	\$0	\$0	\$0	\$38,091
						\$0
						\$0
Project Totals	\$38,091	\$0	\$0	\$0	\$0	\$38,091





## Dickens Drive

**Project Number** 08-STR-020-23

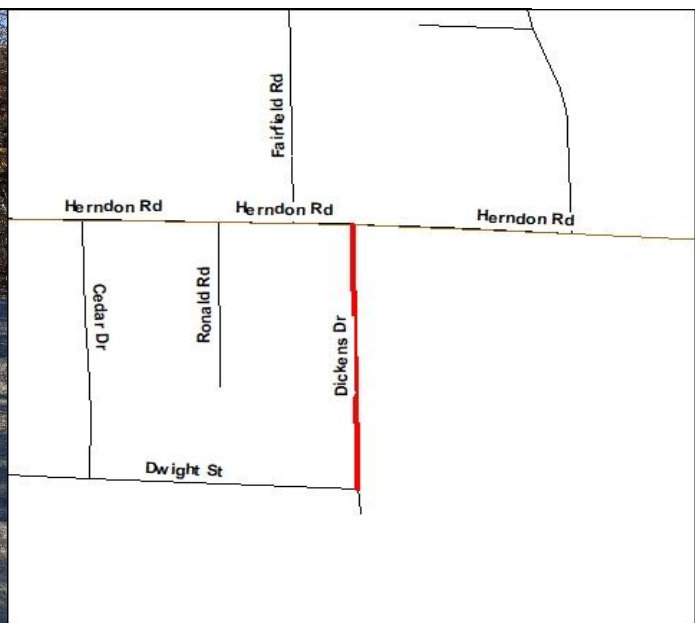
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 785' of Dickens Drive from Herndon to Dwight.

**Justification** The pavement on Dickens Drive is in very poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$22,428	\$0	\$0	\$0	\$0	\$22,428
						\$0
						\$0
Project Totals	\$22,428	\$0	\$0	\$0	\$0	\$22,428





## Half Ton 4X4 Pickup Trucks

**Project Number** 08-STR-005-20

**Improvement Type** Vehicles

**Division** 08 - 500 - Street Operation

**Description** Purchase of three new half-ton 4 x 4 pickups to replace 2005 model units.

**Justification** Half-ton pickups are used to transport personnel, tools, and equipment to jobsites. Pickups being replaced are approaching the end of service life and in line with the City Capitalization policy.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$30,000	\$0	\$30,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$30,000	\$0	\$30,000



## Thomas Drive

**Project Number** 08-STR-021-23

**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 683' of Thomas Drive from Herndon to Dwight.

**Justification** The pavement on Thomas Drive is in very poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$21,476	\$0	\$0	\$0	\$0	\$21,476
						\$0
						\$0
Project Totals	\$21,476	\$0	\$0	\$0	\$0	\$21,476



## Cedar Drive

**Project Number** 08-STR-022-23

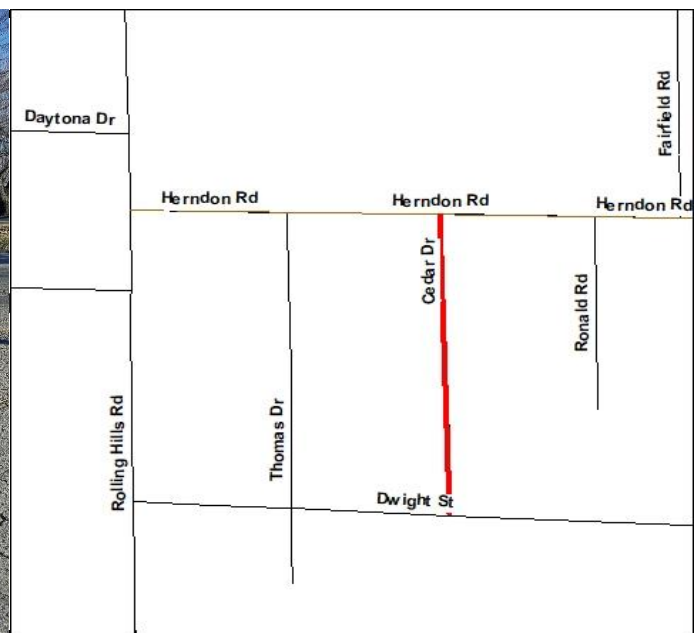
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 693' of Cedar Drive from Herndon to Dwight.

**Justification** The pavement on Cedar Drive is in poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$20,795	\$0	\$0	\$0	\$0	\$20,795
						\$0
						\$0
Project Totals	\$20,795	\$0	\$0	\$0	\$0	\$20,795



## Computer Systems

**Project Number** 08-STR-023-21

**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Replacement systems

**Justification** Current systems are older and were upgraded from Win 7

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$5,000	\$0	\$5,000	\$0	\$0	\$10,000
						\$0
						\$0
Project Totals	\$5,000	\$0	\$5,000	\$0	\$0	\$10,000

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## Ronald Drive

**Project Number** 08-STR-023-23

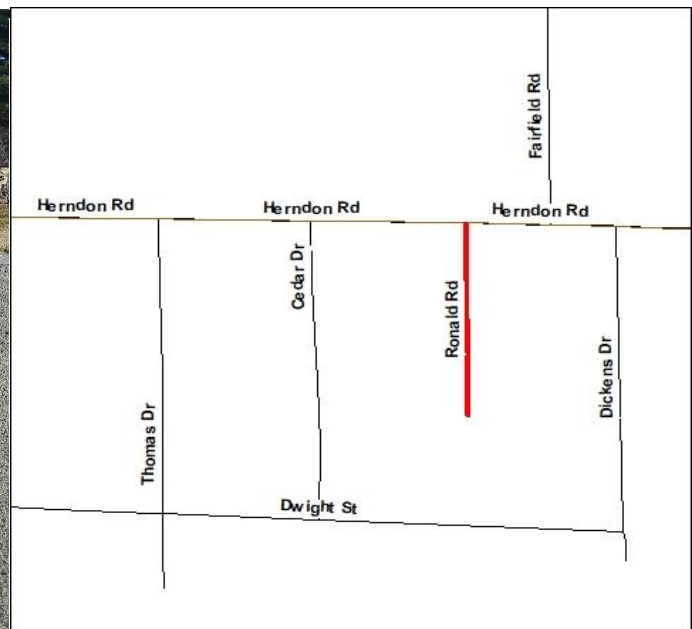
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 458' of Ronald Drive from Herndon to end of street.

**Justification** The pavement on Ronald Drive is in fair condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$13,089	\$0	\$0	\$0	\$0	\$13,089
						\$0
						\$0
Project Totals	\$13,089	\$0	\$0	\$0	\$0	\$13,089



## Benage Drive

**Project Number** 08-STR-024-23

**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 1,110' of Benage Drive from Laclede to Laclede.

**Justification** The pavement on Benage Drive is in failing condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

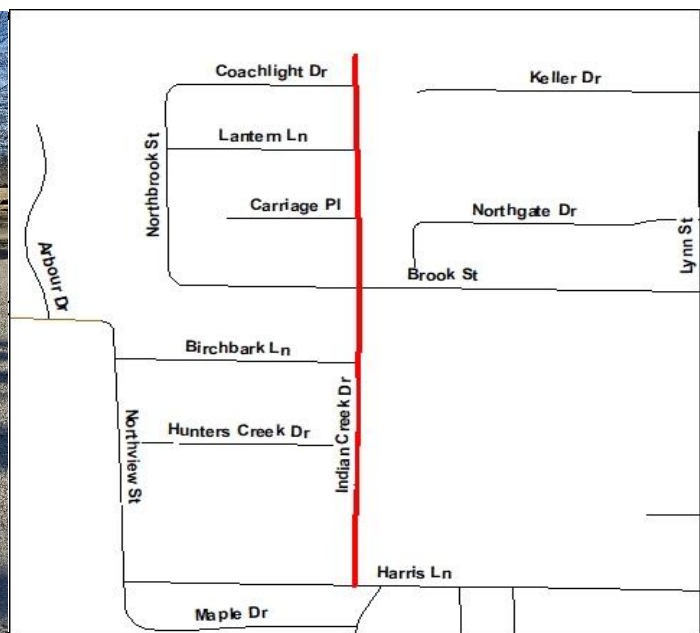
Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$31,729	\$0	\$0	\$0	\$0	\$31,729
						\$0
						\$0
Project Totals	\$31,729	\$0	\$0	\$0	\$0	\$31,729



## Indian Creek Drive

<b>Project Number</b>	08-STR-008-24
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Asphalt overlay of 2,633' of Indian Creek Drive from Harris Lane to end of street.
<b>Justification</b>	The pavement on Indian Creek Drive is in fair to failing condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$104,629	\$0	\$0	\$0	\$104,629
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$104,629</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$104,629</b>





## Winsor Drive

**Project Number** 08-STR-009-24

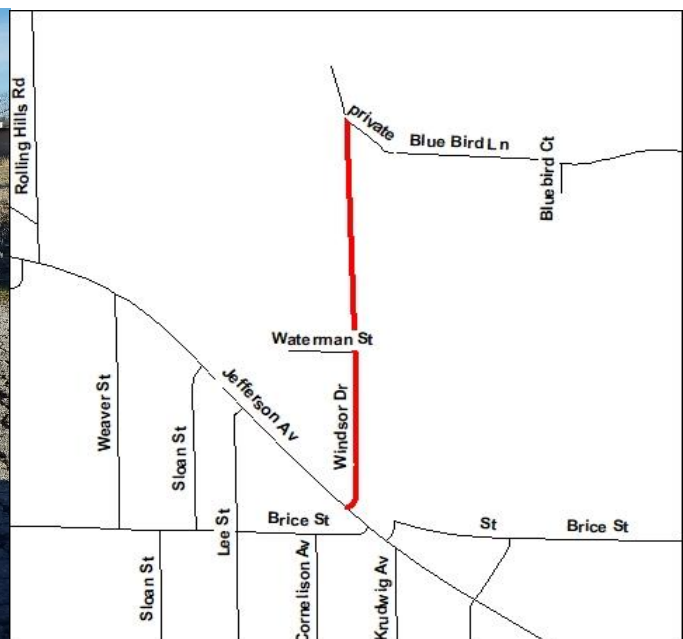
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 1,245' of Winsor Drive from Jefferson to end of street.

**Justification** The pavement on Winsor Drive is in failing condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$32,021	\$0	\$0	\$0	\$32,021
						\$0
						\$0
Project Totals	\$0	\$32,021	\$0	\$0	\$0	\$32,021

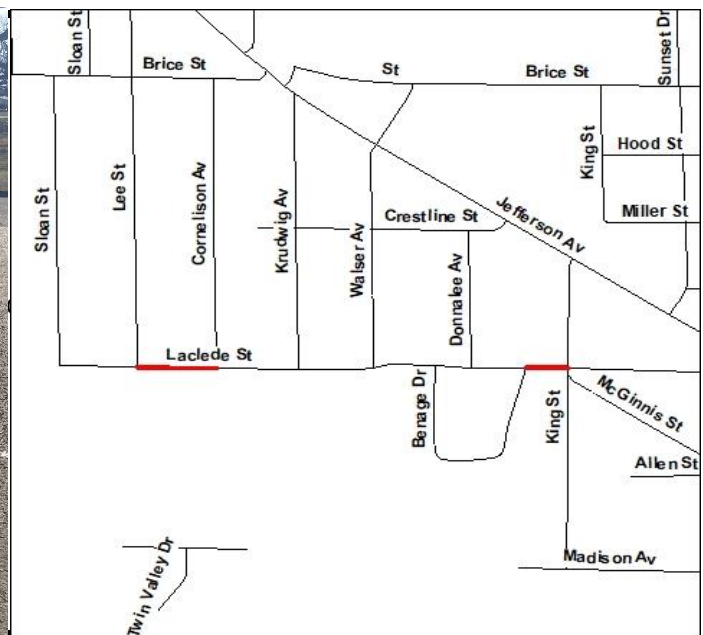




## Laclede Street

<b>Project Number</b>	08-STR-010-24
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Asphalt overlay of 516' of Laclede Street from King to Benage and from Cornelison to Lee.
<b>Justification</b>	The pavement on Laclede Street is in poor to very poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$17,695	\$0	\$0	\$0	\$17,695
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$17,695</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$17,695</b>



## Crestline Street

**Project Number** 08-STR-011-24

**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 180' of Crestline Street from Jefferson to Donna Lee.

**Justification** The pavement on Crestline Street is in very poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$7,202	\$0	\$0	\$0	\$7,202
						\$0
						\$0
Project Totals	\$0	\$7,202	\$0	\$0	\$0	\$7,202



## Ivey Lane

**Project Number** 08-STR-012-24

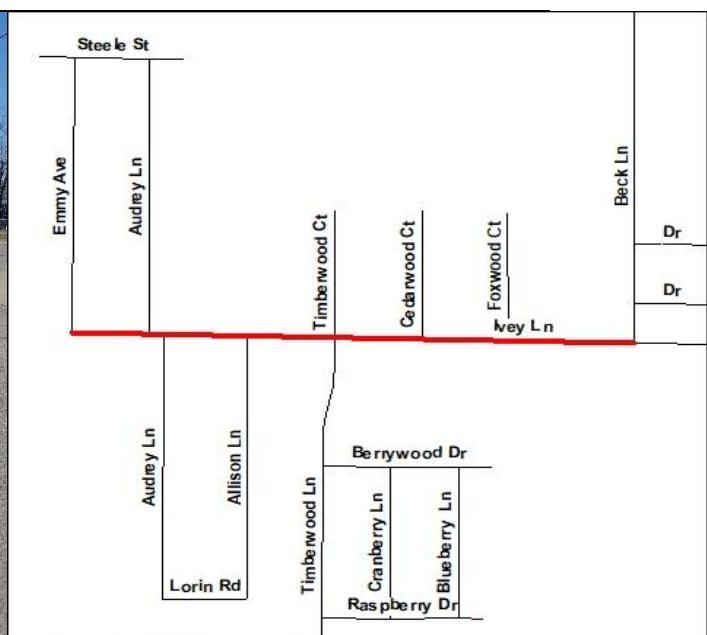
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 2,167' of Ivey Lane from Beck Lane to Emmy.

**Justification** The pavement on Ivey Lane is in good to poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

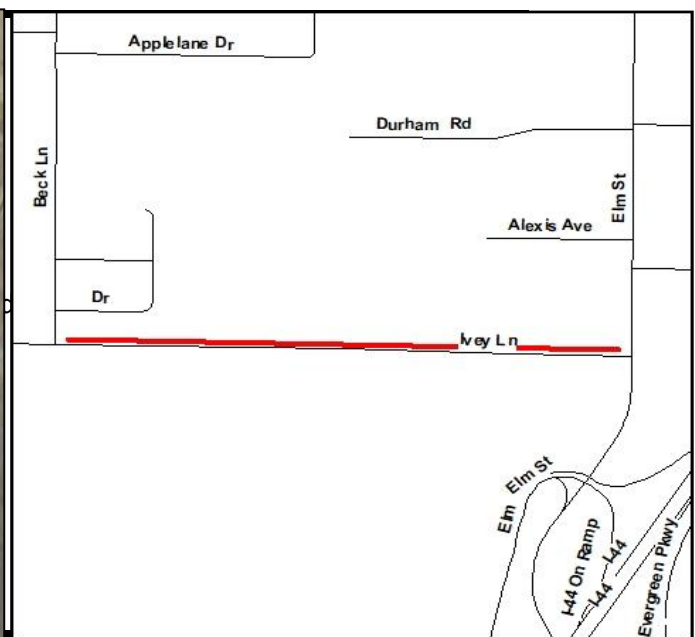
Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$86,699	\$0	\$0	\$0	\$86,699
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$86,699</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$86,699</b>



## Ivey Lane Sidewalk

<b>Project Number</b>	08-STR-013-24
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Construction of sidewalk along one side of Ivey Lane, 2,600', from Beck Lane to Elm Street.
<b>Justification</b>	An ADA compliant sidewalk along Ivey Lane is needed to meet pedestrian traffic and safety issues.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$55,000	\$0	\$0	\$0	\$55,000
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$55,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$55,000</b>

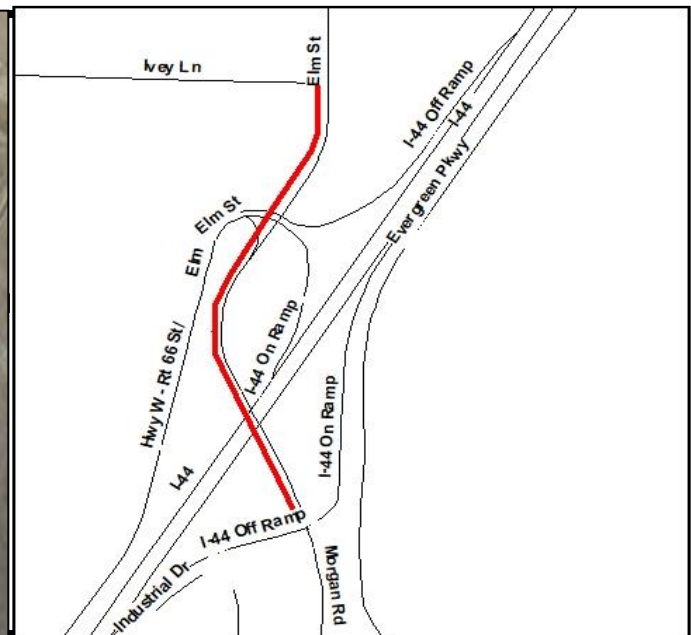
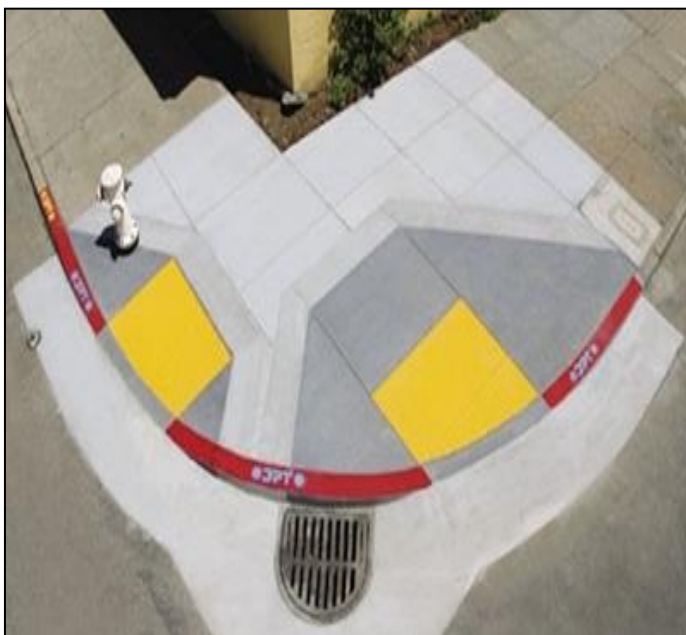




## Elm Street Sidewalk

<b>Project Number</b>	08-STR-014-24
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Construction of sidewalk along one side of Elm Street, 2,100', from Ivey Lane to I-44 ROW on the south side of the Exit 127 overpass.
<b>Justification</b>	An ADA compliant sidewalk along Elm Street is needed to meet pedestrian traffic and safety issues.

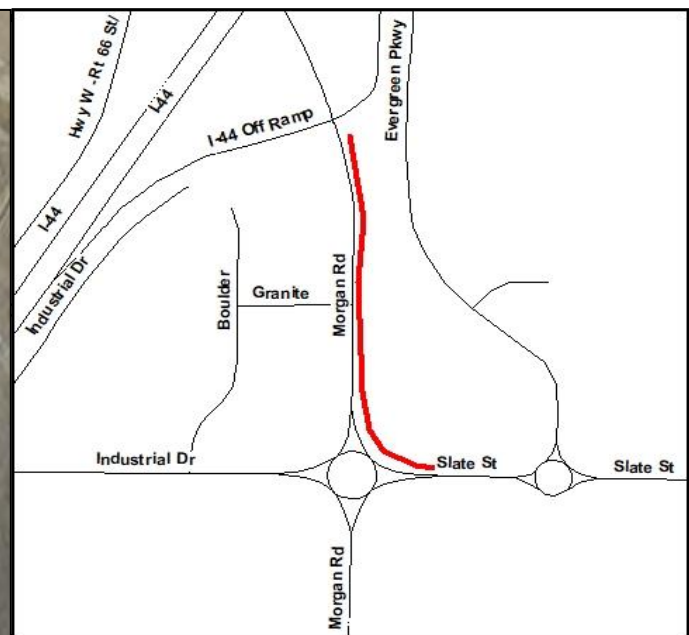
Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$44,500	\$0	\$0	\$0	\$44,500
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$44,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$44,500</b>



## Morgan Road Sidewalk

<b>Project Number</b>	08-STR-015-24
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Construction of sidewalk along one side of Morgan Road, 700', from I-44 ROW on the south side of the Exit 127 overpass to Slate Street.
<b>Justification</b>	An ADA compliant sidewalk along Morgan Road is needed to meet pedestrian traffic and safety issues.

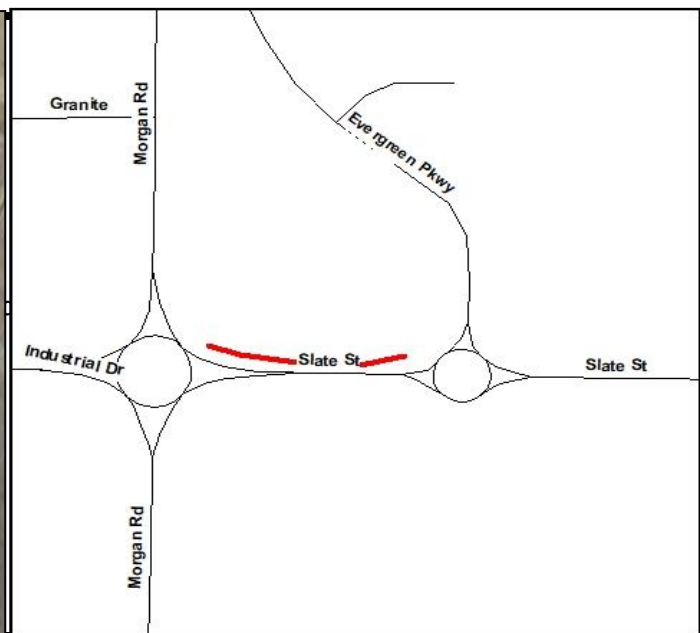
Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$15,400	\$0	\$0	\$0	\$15,400
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$15,400</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,400</b>



## Slate Street Sidewalk

<b>Project Number</b>	08-STR-016-24
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Construction of sidewalk along one side of Slate Street, 600', from Morgan Road to Evergreen Parkway
<b>Justification</b>	An ADA compliant sidewalk along Slate Street is needed to meet pedestrian traffic and safety issues.

Funding Source	2023	2024	2025	2026	2027	Total
0	\$0	\$13,200	\$0	\$0	\$0	\$13,200
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$13,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,200</b>



## Frank Avenue

**Project Number** 08-STR-011-25

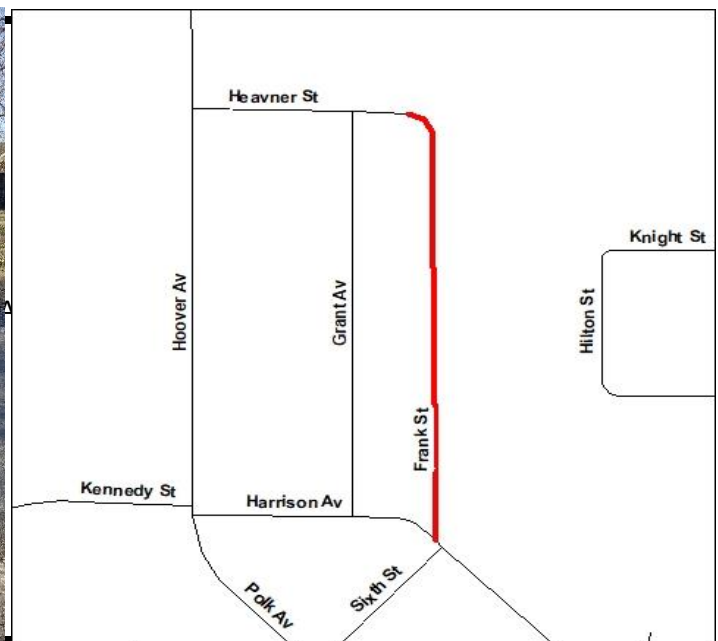
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 950' of Frank Avenue from Harrison to Heavner.

**Justification** The pavement on Frank Avenue is in poor condition on the Pavement Condition Index. This approach to rehabilitation will reduce pavement distresses and improve ride quality, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$16,289	\$0	\$0	\$16,289
						\$0
						\$0
Project Totals	\$0	\$0	\$16,289	\$0	\$0	\$16,289





## Deadra Drive

**Project Number** 08-STR-013-25

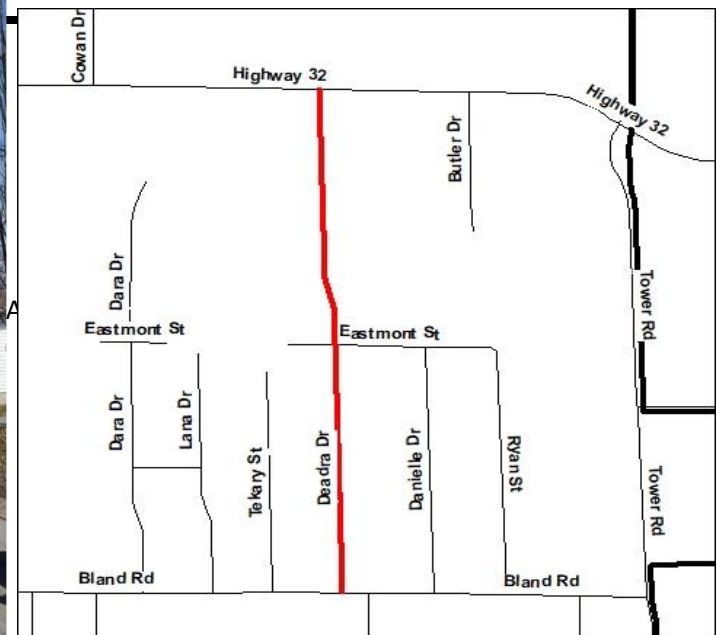
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 2,635' of Deadra Drive from Highway 32 to East Bland.

**Justification** The pavement on Deadra Drive is in very poor to failing condition on the Pavement Condition Index. This approach to rehabilitation will reduce pavement distresses and improve ride quality, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$116,792	\$0	\$0	\$116,792
						\$0
						\$0
Project Totals	\$0	\$0	\$116,792	\$0	\$0	\$116,792

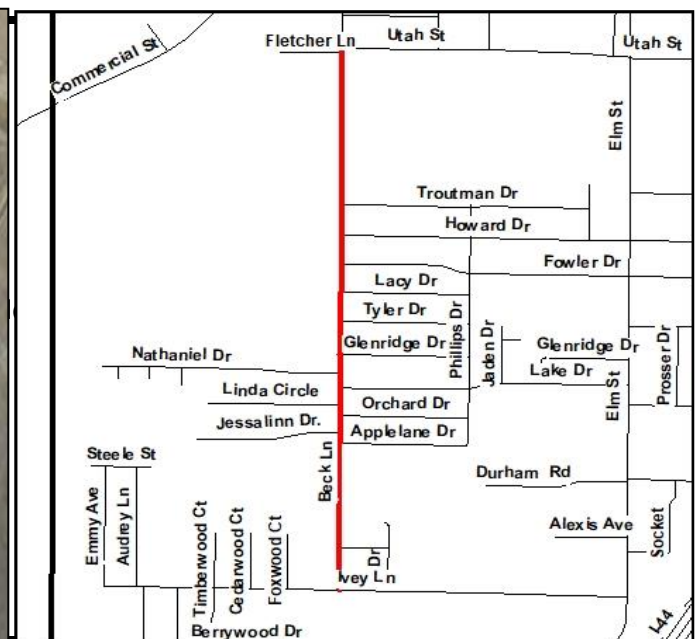


# Street

## Beck Lane Sidewalk

<b>Project Number</b>	08-STR-014-25
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Construction of sidewalk along one side of Beck Lane, 5,700', from Evan to Ivey.
<b>Justification</b>	An ADA compliant sidewalk along Beck Lane is needed to meet pedestrian traffic and safety issues.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$60,500	\$60,500	\$0	\$121,000
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$0</b>	<b>\$60,500</b>	<b>\$60,500</b>	<b>\$0</b>	<b>\$121,000</b>



# Street

## Tekary Street

**Project Number** 08-STR-001-26

**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 1,149' of Tekary Street from East Bland to end of street.

**Justification** The pavement on Tekary Street is in failing condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$39,403	\$0	\$39,403
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$39,403	\$0	\$39,403



## Stella Street

**Project Number** 08-STR-002-26

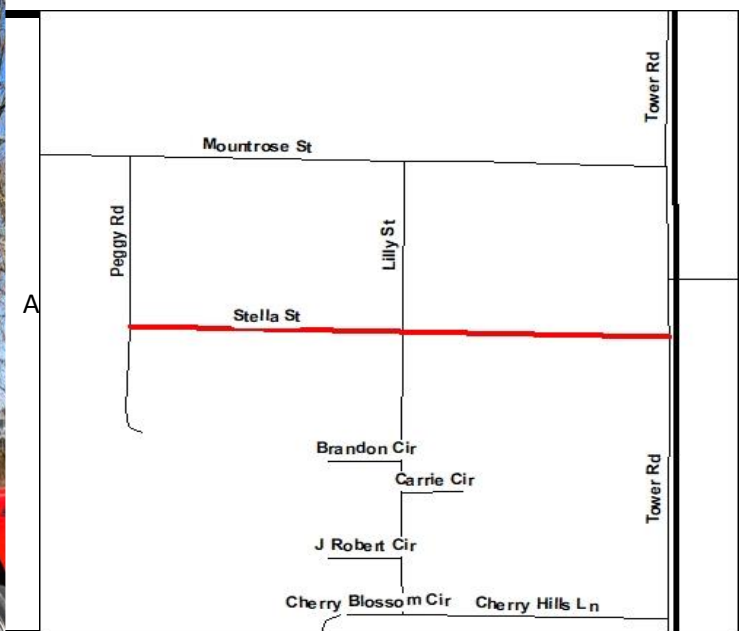
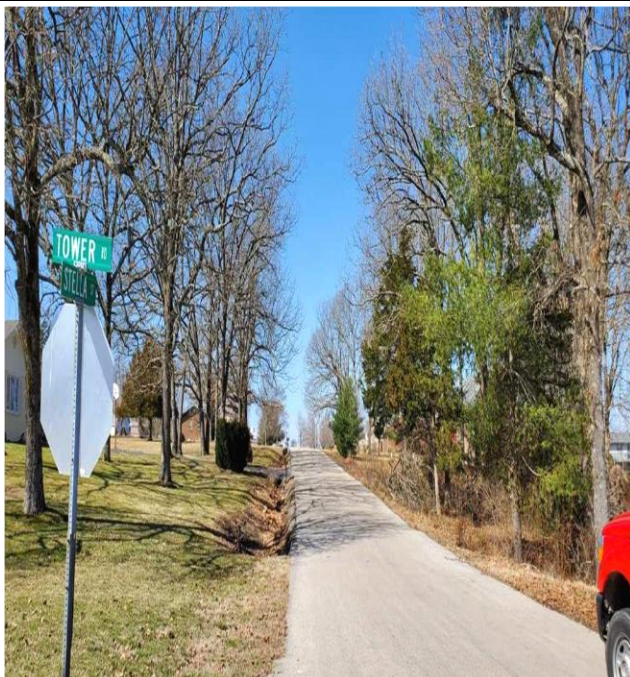
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 1,285' of Stella Street from Tower to Peggy.

**Justification** The pavement on Stella Street is in very poor to failing condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$36,728	\$0	\$36,728
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$36,728	\$0	\$36,728





## Danielle Drive

**Project Number** 08-STR-003-26

**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 1,285' of Danielle Drive from East Bland to Eastmont.

**Justification** The pavement on Danielle Drive is in very poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$58,756	\$0	\$58,756
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$58,756	\$0	\$58,756



## Ryan Street

**Project Number** 08-STR-004-26

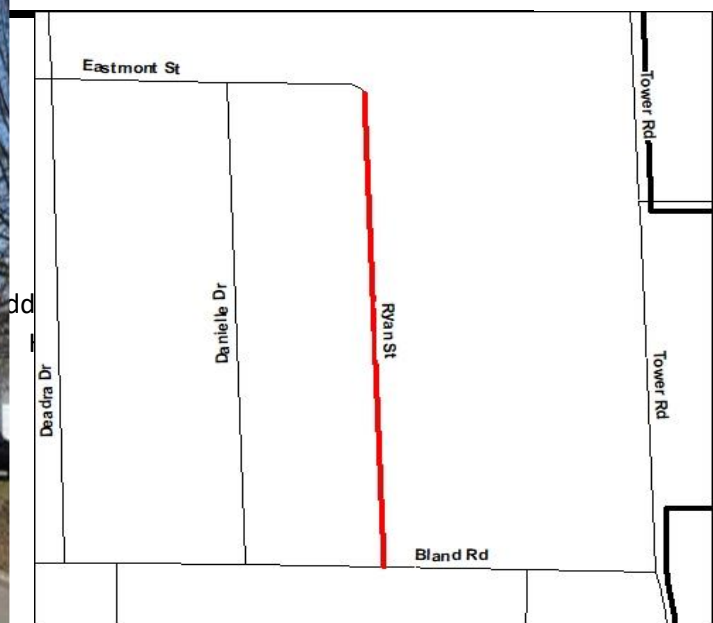
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 1,276' of Ryan Street from East Bland to Eastmont.

**Justification** The pavement on Ryan Street is in very poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$58,344	\$0	\$58,344
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$58,344	\$0	\$58,344



## Eastmont Drive

**Project Number** 08-STR-005-26

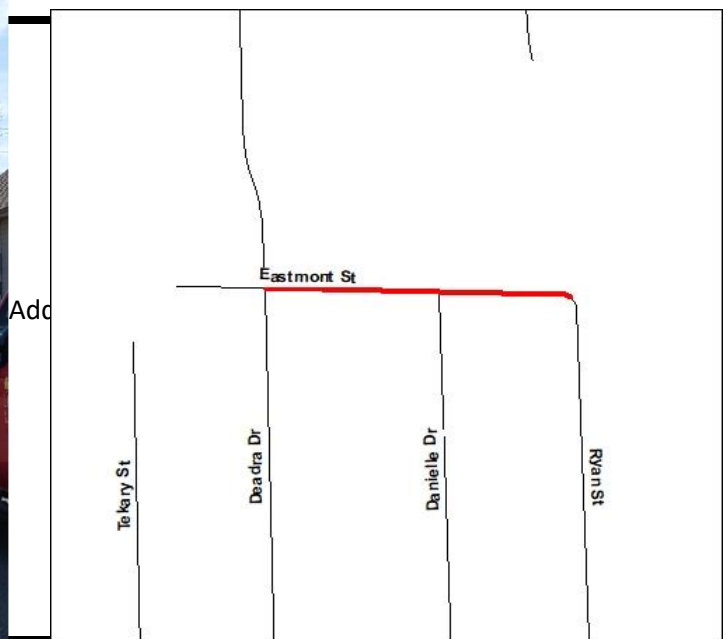
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 732' of Eastmont Drive from Ryan to Deadra.

**Justification** The pavement on Eastmont Drive is in very poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$29,287	\$0	\$29,287
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$29,287	\$0	\$29,287



## Timberwood Lane

**Project Number** 08-STR-001-27

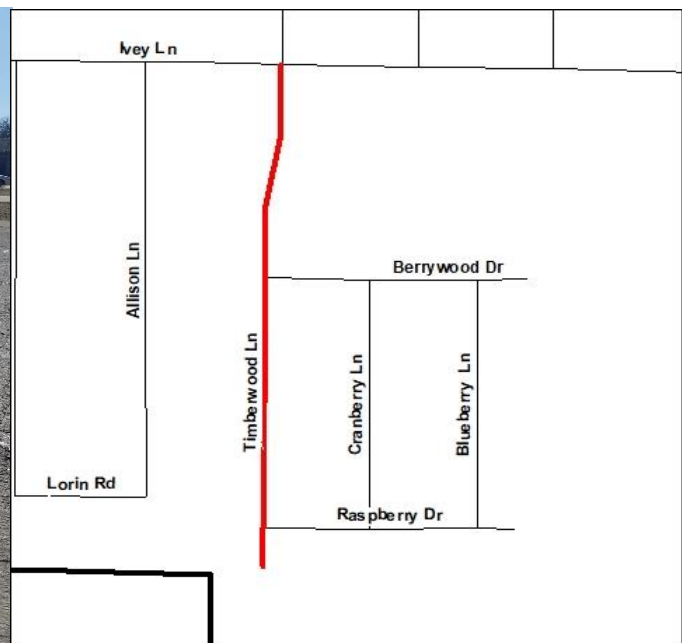
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 1,275' of Timberwood Lane from Ivey to end of street.

**Justification** The pavement on Timberwood Lane is in very poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$0	\$58,299	\$58,299
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$58,299</b>	<b>\$58,299</b>





## ADA Sidewalk Ramp Replacements

**Project Number** 08-STR-024-22

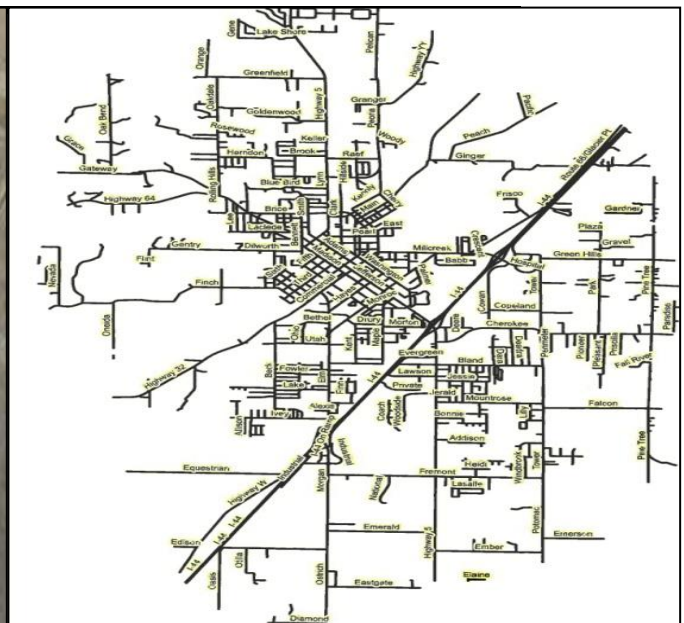
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Construction of ADA compliant sidewalk ramps at intersections in the existing sidewalk network identified as needed by sidewalk inspections .

**Justification** ADA compliant sidewalk ramps are needed to meet pedestrian traffic and safety issues.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
						\$0
						\$0
<b>Project Totals</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$10,000</b>	<b>\$50,000</b>



# Jefferson Avenue Sidewalk Improvements

<b>Project Number</b>	08-STR-016-22
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Construction of sidewalk along both sides of 1,550 linear feet of Jefferson Avenue from Elm Street to Vance Road
<b>Justification</b>	ADA compliant sidewalks along Jefferson Avenue are needed to meet pedestrian traffic and safety issues. Funding is via Street Funds and MODOT Surface Transportation Funds Grant.

Funding Source	2023	2024	2025	2026	2027	Total
Transportation Sales Tax	\$0	\$0	\$0	\$62,000	\$0	\$62,000
STP Funds	\$0	\$0	\$0	\$248,000	\$0	\$248,000
						\$0
Project Totals	\$0	\$0	\$0	\$310,000	\$0	\$310,000



## Berrywood Drive

<b>Project Number</b>	08-STR-002-27
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Asphalt overlay of 700' of Berrywood Drive from Timberwood to end of street.
<b>Justification</b>	The pavement on Berrywood Drive is in very good to failing condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$0	\$32,007	\$32,007
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$32,007</b>	<b>\$32,007</b>





# Hospital Drive Asphalt Overlay

**Project Number** 08-STR-006-23

**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt pavement overlay of 3,870 linear feet of Hospital Drive

**Justification** The pavement surface on Hospital Drive is in fair to failing condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

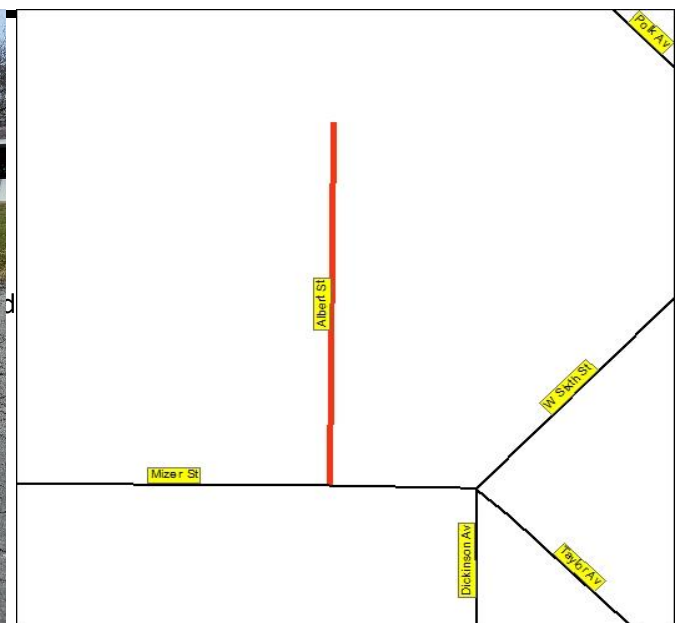
Funding Source	2023	2024	2025	2026	2027	Total
Transportation Sales Tax	\$0	\$0	\$118,400	\$0	\$0	\$118,400
						\$0
						\$0
Project Totals	\$0	\$0	\$118,400	\$0	\$0	\$118,400



## Albert Street Improvements

<b>Project Number</b>	08-STR-007-23
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Asphalt overlay of 318' of Albert Street from Mizer Street to the end of Albert Street.
<b>Justification</b>	The pavement on Albert Street is in failing condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

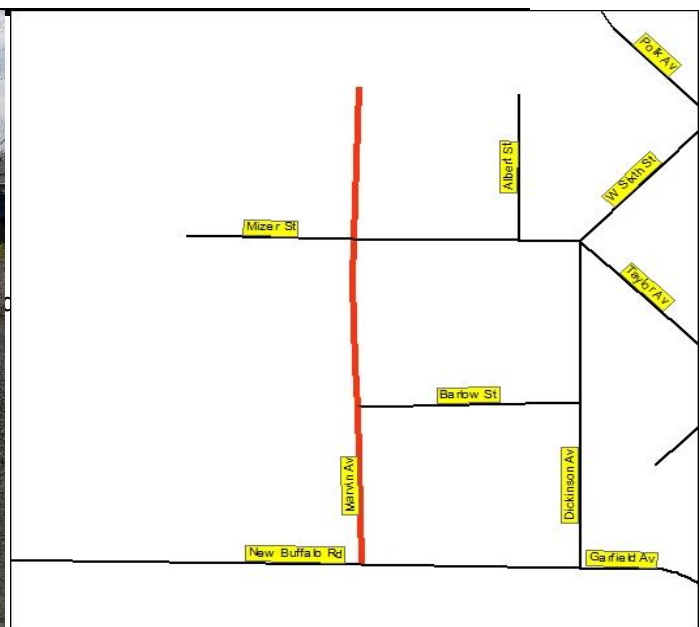
Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$8,179	\$0	\$0	\$0	\$8,179
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$8,179</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$8,179</b>



## Marvin Avenue Improvements

<b>Project Number</b>	08-STR-008-23
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Asphalt overlay of 1,045' of Marvin Avenue from New Buffalo Road to the end of Marvin Avenue
<b>Justification</b>	The pavement on Marvin Avenue is in very poor to failing condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$26,942	\$0	\$0	\$0	\$26,942
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$26,942</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$26,942</b>





## Mizer Street Improvements

**Project Number** 08-STR-009-23

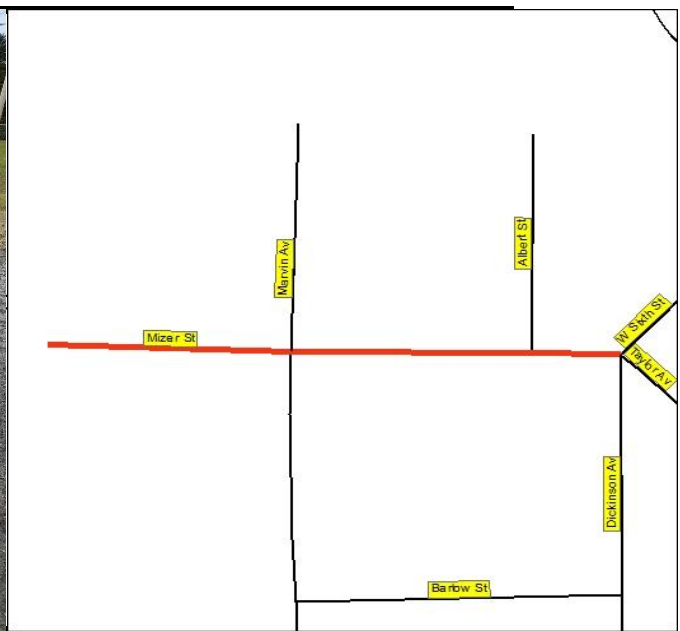
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 778' of Mizer Street from Sixth Street to Marvin Avenue

**Justification** The pavement on Mizer Street is in failing condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$22,235	\$0	\$0	\$0	\$22,235
						\$0
						\$0
Project Totals	\$0	\$22,235	\$0	\$0	\$0	\$22,235



# Street

## Barlow Street Improvements

**Project Number** 08-STR-010-23

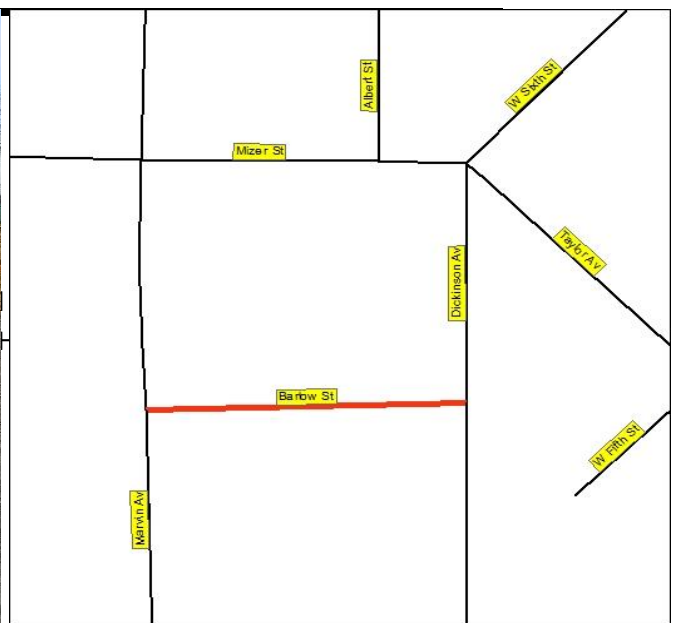
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 445' of Barlow Street from Dickinson Avenue to Marvin Avenue

**Justification** The pavement on Barlow Street is in failing condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$11,445	\$0	\$0	\$0	\$11,445
						\$0
						\$0
Project Totals	\$0	\$11,445	\$0	\$0	\$0	\$11,445





## Dickinson Street Improvements

**Project Number** 08-STR-011-23

**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 710' of Dickinson Street from New Buffalo Road to Mizer Street

**Justification** The pavement on Dickinson Street is in poor to very poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$20,290	\$0	\$0	\$0	\$20,290
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$20,290</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$20,290</b>



## Cranberry Lane

**Project Number** 08-STR-003-27

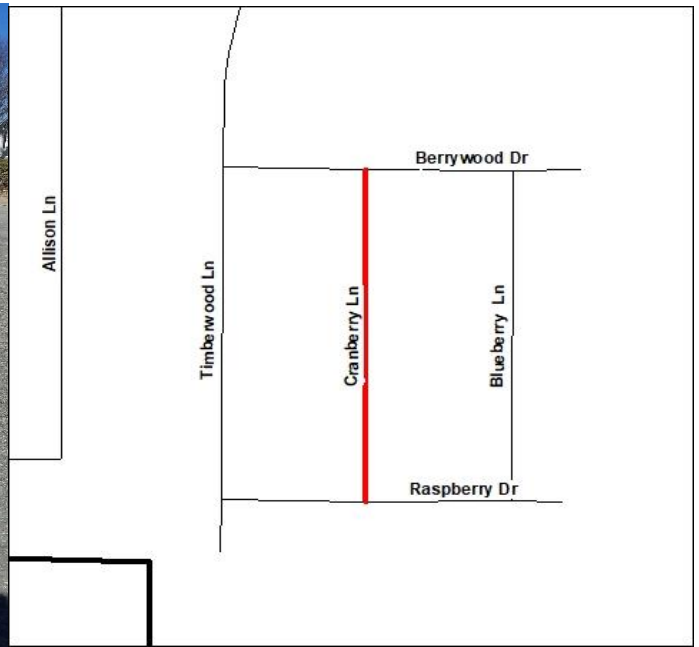
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 640' of Cranberry Lane from Berrywood to Raspberry.

**Justification** The pavement on Cranberry Lane is in very poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$0	\$25,606	\$25,606
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$25,606	\$25,606



## Raspberry Drive

**Project Number** 08-STR-004-27

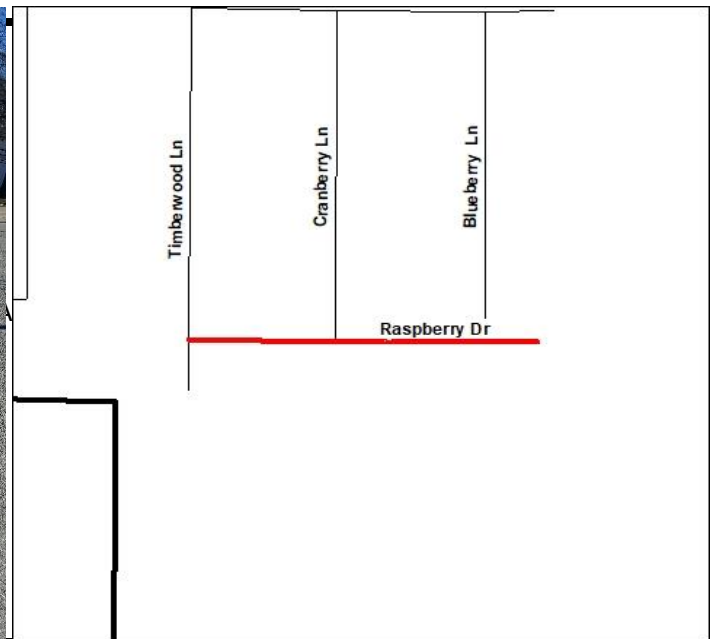
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 675' of Raspberry Drive from Timberwood to end of street.

**Justification** The pavement on Raspberry Drive is in excellent to very poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$0	\$30,684	\$30,684
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$30,684	\$30,684





## Allison Lane

**Project Number** 08-STR-005-27

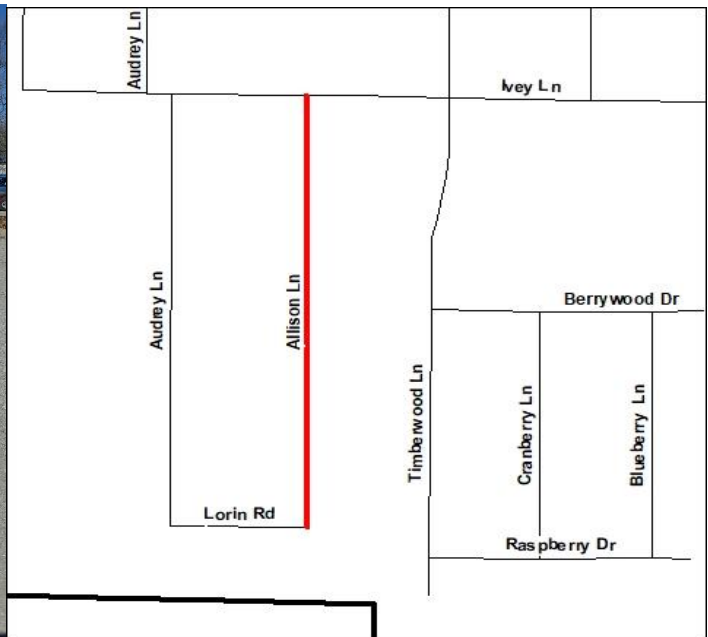
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 1,300' of Allison Lane from Ivey to end of street.

**Justification** The pavement on Allison Lane is in very poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

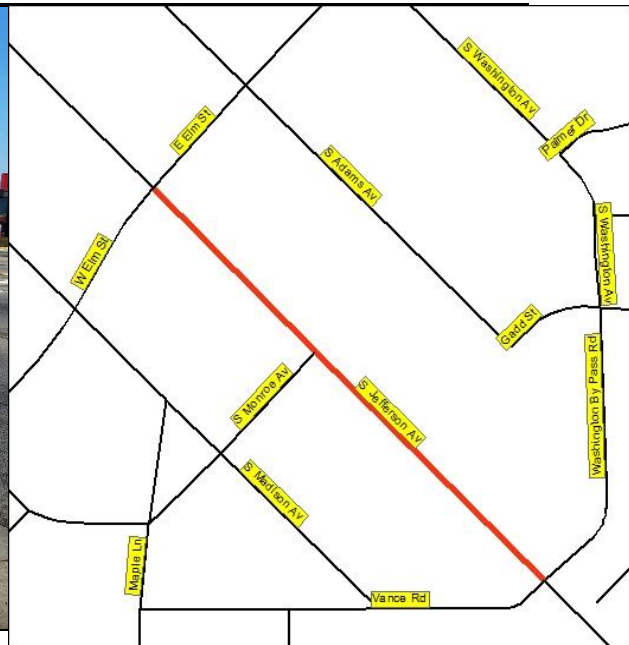
Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$0	\$59,442	\$59,442
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$59,442	\$59,442



# Jefferson Avenue Sidewalk Improvements

<b>Project Number</b>	08-STR-004-24
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Construction of sidewalk along both sides of 1,650 linear feet of Jefferson Avenue from Interstate 44 to Vance Road
<b>Justification</b>	ADA compliant sidewalks along Jefferson Avenue are needed to meet pedestrian traffic and safety issues. Funding is via Street Funds and MODOT Surface Transportation Funds Grant

Funding Source	2023	2024	2025	2026	2027	Total
Transportation Sales Tax	\$0	\$0	\$0	\$66,000	\$0	\$66,000
STP Funds	\$0	\$0	\$0	\$264,000	\$0	\$264,000
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$330,000</b>	<b>\$0</b>	<b>\$330,000</b>



## Foxwood Court

**Project Number** 08-STR-006-27

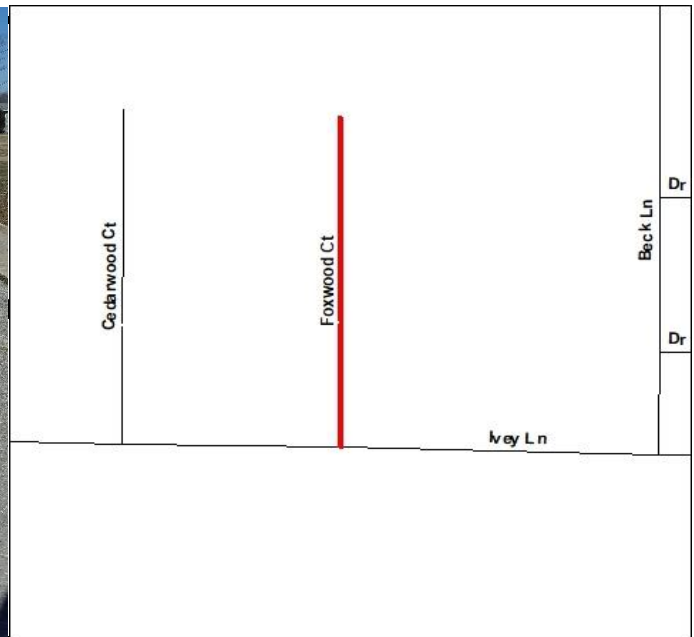
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 540' of Foxwood Court from Ivey to end of street.

**Justification** The pavement on Foxwood Court is in failing condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$0	\$24,691	\$24,691
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$24,691</b>	<b>\$24,691</b>



# Street

## Timberwood Court

**Project Number** 08-STR-007-27

**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 550' of Timberwood Court from Ivey to end of street.

**Justification** The pavement on Timberwood Court is in poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$0	\$25,148	\$25,148
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$25,148	\$25,148





## Zachary Drive

**Project Number** 08-STR-008-27

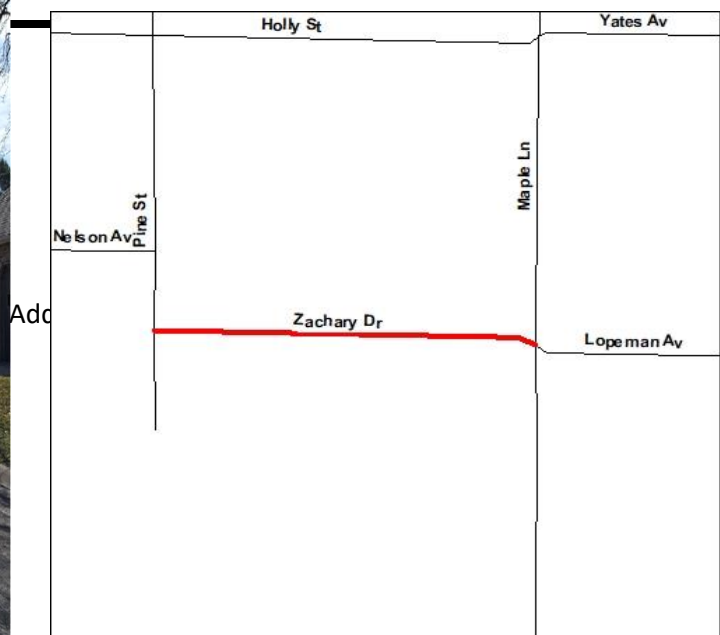
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 710' of Zachary Drive from Maple to Pine.

**Justification** The pavement on Zachary Drive is in poor condition on the Pavement Condition Index. This approach to rehabilitation will improve ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$0	\$32,464	\$32,464
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$32,464</b>	<b>\$32,464</b>



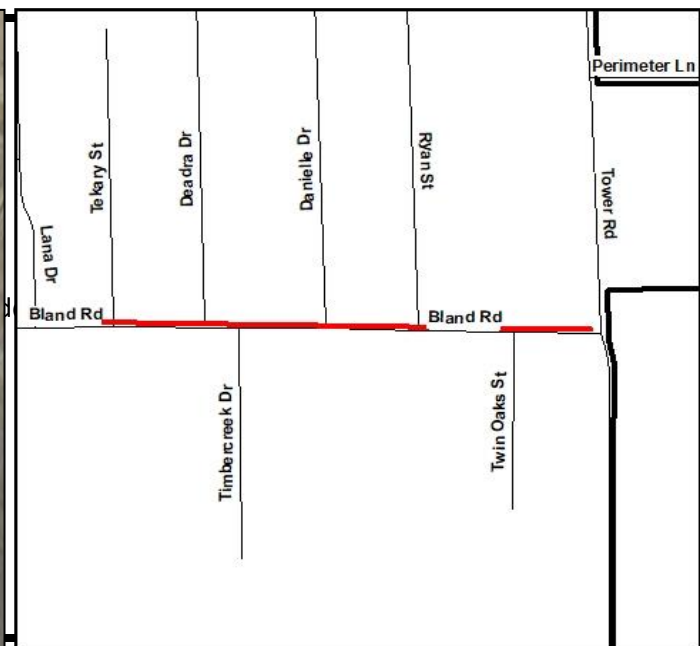


# Street

## East Bland Sidewalk

<b>Project Number</b>	08-STR-009-27
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Construction of sidewalk along one side of East Bland Road, 2,000', from Lana to Tower.
<b>Justification</b>	An ADA compliant sidewalk along East Bland Road is needed to meet pedestrian traffic and safety issues.

Funding Source	2023	2024	2025	2026	2027	Total
0	\$0	\$0	\$0	\$0	\$40,000	\$40,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$40,000	\$40,000



# Jefferson Avenue Sidewalk Improvements

**Project Number** 08-STR-004-25

<b>Improvement Type</b>	Land & Land Improvements
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**Division** 08 - 500 - Street Operation

<b>Description</b>	Construction of sidewalk along both sides of 2,500 linear feet of Jefferson Avenue from Interstate 44 to Bland Road
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<b>Justification</b>	ADA compliant sidewalks along Jefferson Avenue are needed to meet pedestrian traffic and safety issues. Funding is via Street Funds and MODOT Surface Transportation Funds Grant.
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Funding Source	2023	2024	2025	2026	2027	Total
Transportation Sales Tax	\$0	\$0	\$0	\$0	\$393,000	\$393,000
STP Funds	\$0	\$0	\$0	\$0	\$98,400	\$98,400
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$491,400	\$491,400



## Fourth Street

**Project Number** 08-STR-005-25

**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** New construction of 3,000 linear feet of street from Garfield Avenue to Highway 32.

**Justification** Fourth Street construction is needed to improve the traffic flow in the western portion of the City. This street would provide a through route from Beck Lane to Jefferson Avenue. Dependent on MODOT partnership and available funding

Funding Source	2023	2024	2025	2026	2027	Total
Transportation Sales Tax	\$0	\$0	\$655,000	\$0	\$0	\$655,000
						\$0
						\$0
Project Totals	\$0	\$0	\$655,000	\$0	\$0	\$655,000

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## Street Sweeper

<b>Project Number</b>	08-STR-006-25
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Purchase of new street sweeper to replace a 2016 model unit. Lease purchase street sweeper for 5 years at \$60,000 per year
<b>Justification</b>	Street sweepers area used to clean dirt and debris from the street surface. This improves the appearance of the street corridor as well as improving the water quality of storm water run-off.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$0	\$300,000	\$300,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$300,000	\$300,000

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## Skid Steer Loader

**Project Number** 08-STR-007-25

**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Purchase of a new skid steer loader to replace a 2016 model unit.

**Justification** A skid steer loader is used to excavate, grade, remove snow, and do dirt work on projects. The skid steer loader being replaced is approaching the end of expected life. Staff anticipates trading in the unit being replaced to help defray purchase cost of the new unit.

Funding Source	2023	2024	2025	2026	2027	Total
Street Fund	\$0	\$0	\$0	\$0	\$60,000	\$60,000
Trade-in of Existing Equipment	\$0	\$0	\$0	\$0	\$10,000	\$10,000
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$70,000	\$70,000

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# Waste Water

## Collection Improvements- Goodwin Hollow Watershed

**Project Number** 85-WWO-001-14

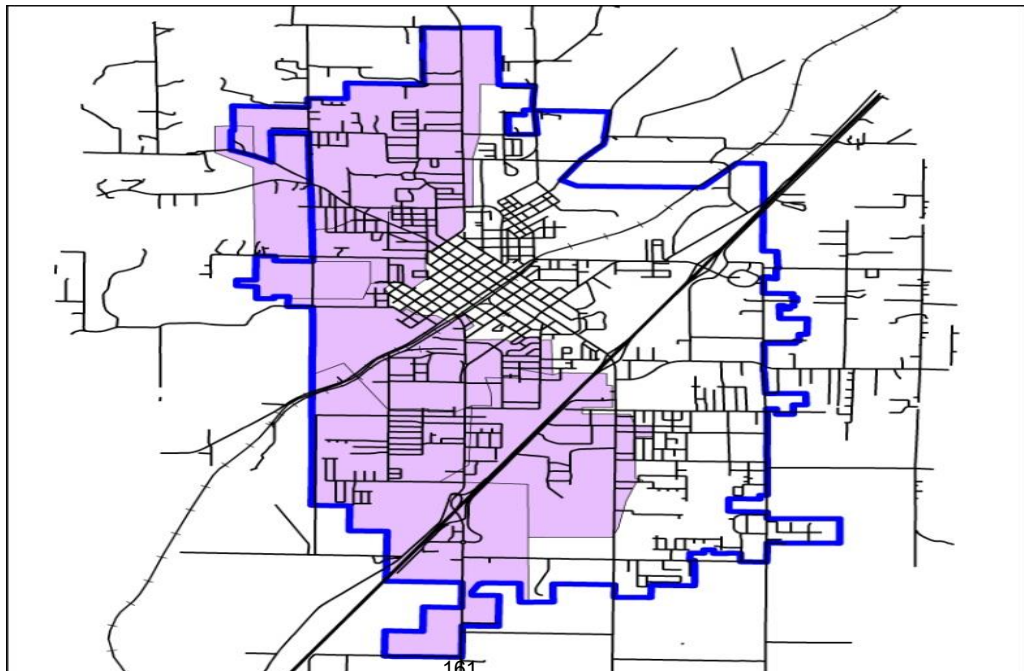
**Improvement Type** Land & Land Improvements

**Division** 85 - 200 - WWTP and Operation

**Description** Sanitary Sewer Evaluation Study (SSES) of Goodwin Hollow watershed and rehabilitation/improvements identified within report (MULTIYEAR FUNDING).

**Justification** This project will reduce the number and duration of sanitary sewer overflows in this watershed by repairing/replacing collection system pipes and manholes that have numerous defects that allow rainwater to exceed the capacity of the lines

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000
						\$0
						\$0
Project Totals	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000



# Waste Water

## Abby Sewer Extension

**Project Number** 85-WWO-002-23

**Improvement Type** Land & Land Improvements

**Division** 85 - 200 - WWTP and Operation

**Description** extension to help serve the lots that will be built on in the subdivision

**Justification** help serve additional lots/house in subdivision

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$9,000	\$0	\$0	\$0	\$0	\$9,000
						\$0
						\$0
Project Totals	\$9,000	\$0	\$0	\$0	\$0	\$9,000

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# Waste Water

## Portable Flow Meters

**Project Number** 85-WWO-008-19

**Improvement Type** Machinery & Equipment

**Division** 85 - 200 - WWTP and Operation

**Description** Portable Area Velocity Flow Meters

**Justification** Purchase will enhance the ability to locate lines with increased flow within the wastewater collection system during rain events

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$0	\$0	\$0	\$10,000	\$0	\$10,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$10,000	\$0	\$10,000

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# Waste Water

## Pickup Trucks

**Project Number** 85-WWO-007-16

**Improvement Type** Vehicles

**Division** 85 - 200 - WWTP and Operation

**Description** Purchase of one new three-quarter ton 4 x 4 pickups to replace a 2006 model unit.  
Note: Formerly 85-ENV-007-16

**Justification** Three quarter ton pickups are used to transport personnel, tools, and equipment to jobsites. Pickups being replaced are approaching the end of service life and in line with the City Capitalization policy.

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$30,000	\$0	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$30,000	\$0	\$0	\$0	\$0	\$30,000

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# Waste Water

## Liftstation Critical Parts

<b>Project Number</b>	85-WWO-009-19
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	85 - 200 - WWTP and Operation
<b>Description</b>	Critical parts to keep the 43 liftstations operational
<b>Justification</b>	Purchasing Critical parts and having them on hand will help eliminate a wastewater backup and/or overflow

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$25,000	\$0	\$0	\$0	\$0	\$25,000
						\$0
						\$0
Project Totals	\$25,000	\$0	\$0	\$0	\$0	\$25,000



# Waste Water

## Wastewater Treatment Plant Existing/New Asphalt and Concrete

**Project Number** 85-WWO-001-17

**Improvement Type** Land & Land Improvements

**Division** 85 - 200 - WWTP and Operation

**Description** Overlay approximately 1600 feet long by 22 feet wide 2-inch-thick asphalt driveway with 2 inches. Note: Formerly 85-ENV-001-17

**Justification** The existing asphalt driveway is showing signs of deterioration. Concrete and asphalt areas identified on the plans PH 2 improvements

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$175,000	\$0	\$0	\$0	\$0	\$175,000
						\$0
						\$0
Project Totals	\$175,000	\$0	\$0	\$0	\$0	\$175,000

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# Waste Water

## Replace Existing Wastewater Computer Systems

**Project Number** 85-WWO-003-18

**Improvement Type** Furniture & Office Equipment

**Division** 85 - 200 - WWTP and Operation

**Description** Replacement of desktops, laptops, or tablets Win 7, 32 bit with Win 10 or greater.  
Note: Formerly 85-ENV-003-18

**Justification** Current systems are at their end of life and were purchased in 2014 and 2015. Some were received from Jefferson City state program and were already a few years old. We would like to implement tablets in the field as well to become more mobile and digital. The new systems would be capable of handling current suites and or

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$5,000	\$7,500	\$7,500	\$7,500	\$7,500	\$35,000
						\$0
						\$0
Project Totals	\$5,000	\$7,500	\$7,500	\$7,500	\$7,500	\$35,000



# Waste Water

## Lift Station Improvements

<b>Project Number</b>	85-WWO-001-19
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	85 - 200 - WWTP and Operation
<b>Description</b>	Replacement of electrical control panels and installing access hatches and pump slide rails to approximately 15 current lift stations. Conversion of 9 wet well mounted lift
<b>Justification</b>	The existing aged lift stations need improvements to maintain reliable service. By installing slide rails for the pumps it almost eliminates the need for a manned entry into the confined space to perform maintenance and repairs

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000
						\$0
						\$0
Project Totals	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000



# Waste Water

## Benchtop Spectrophotometer

**Project Number** 85-WWO-002-19

**Improvement Type** Machinery & Equipment

**Division** 85 - 200 - WWTP and Operation

**Description** Replacement of the existing benchtop Spectrophotometer at the wastewater treatment plant. Note: Formerly 85-ENV-002-19

**Justification** This will replace the existing meter that is used in daily DNR compliance testing. The meter has reached the end of its useful service life.

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$0	\$0	\$0	\$6,500	\$6,500	\$13,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$6,500	\$6,500	\$13,000

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# Waste Water

## Sewer Main: Mizer Street

**Project Number** 85-WWO-001-21

**Improvement Type** Land & Land Improvements

**Division** 85 - 200 - WWTP and Operation

**Description** Dig up and replace 3 manholes and 450 linear feet of 8 inch diameter Clay Tile pipe with 8 inch diameter PVC. This will be in conjunction with planned street

**Justification** Existing sewer mains that have countless defects identified during routine collection system inspections considered failed infrastructure. These lines allow inflow and infiltration into the collection system during rain events contributing to wet-weather peak flows and sanitary sewer overflows

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$0	\$0	\$15,000	\$0	\$0	\$15,000
						\$0
						\$0
Project Totals	\$0	\$0	\$15,000	\$0	\$0	\$15,000

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# Waste Water

## Sewer Main: Barlow Street

**Project Number** 85-WWO-002-21

**Improvement Type** Land & Land Improvements

**Division** 85 - 200 - WWTP and Operation

**Description** Dig up and replace 1 manhole and 400 linear feet of 8 inch diameter Clay Tile pipe with 8 inch diameter PVC. This will be in conjunction with planned street

**Justification** Existing sewer mains that have countless defects identified during routine collection system inspections considered failed infrastructure. These lines allow inflow and infiltration into the collection system during rain events contributing to wet-weather peak flows and sanitary sewer overflows

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$0	\$0	\$13,000	\$0	\$0	\$13,000
						\$0
						\$0
Project Totals	\$0	\$0	\$13,000	\$0	\$0	\$13,000

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# Waste Water

## Sewer Main: Marvin Avenue

**Project Number** 85-WWO-003-21

**Improvement Type** Land & Land Improvements

**Division** 85 - 200 - WWTP and Operation

**Description** Dig up and replace 3 manholes and 1,000 linear feet of 8 inch diameter Clay Tile pipe with 8 inch diameter PVC. This will be in conjunction with planned street

**Justification** Existing sewer mains that have countless defects identified during routine collection system inspections considered failed infrastructure. These lines allow inflow and infiltration into the collection system during rain events contributing to wet-weather peak flows and sanitary sewer overflows

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$0	\$0	\$27,000	\$0	\$0	\$27,000
						\$0
						\$0
Project Totals	\$0	\$0	\$27,000	\$0	\$0	\$27,000

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# Waste Water

## Sewer Main: Perry Street

<b>Project Number</b>	85-WWO-004-21
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	85 - 200 - WWTP and Operation
<b>Description</b>	Dig up and replace 4 manholes and 1,000 linear feet of 6-inch diameter Clay Tile pipe with 8-inch diameter PVC. Note: Formerly 85-ENV-004-21
<b>Justification</b>	Existing sewer mains that have countless defects identified during routine collection system inspections considered failed infrastructure. These lines allow inflow and infiltration into the collection system during rain events contributing to wet-weather peak flows and sanitary sewer overflows

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$0	\$40,000	\$0	\$0	\$0	\$40,000
						\$0
						\$0
Project Totals	\$0	\$40,000	\$0	\$0	\$0	\$40,000

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# Waste Water

## Mechanical Convection Oven

<b>Project Number</b>	85-WWO-006-21
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	85 - 200 - WWTP and Operation
<b>Description</b>	Replacement of EPA compliant mechanical convection oven. Note: Formerly 85- ENV-006-21 and 85-WWT-002-21
<b>Justification</b>	This will replace the existing mechanical convection oven that is used in daily DNR compliance testing. The existing equipment will have reached the end of its useful service life

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$0	\$4,500	\$0	\$0	\$0	\$4,500
						\$0
						\$0
Project Totals	\$0	\$4,500	\$0	\$0	\$0	\$4,500

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# Waste Water

## South Highway 5 Lift Station

<b>Project Number</b>	85-WWO-001-23
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	85 - 200 - WWTP and Operation
<b>Description</b>	Extend existing 8-inch gravity sewer approximately 3,100 linear feet to the southeast tying to the existing gravity sewer line on the east side South Highway 5 that will
<b>Justification</b>	Any new development in this area of the drainage way will require extending the wastewater collection system and installing a new lift station

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$0	\$0	\$200,000	\$0	\$0	\$200,000
						\$0
						\$0
Project Totals	\$0	\$0	\$200,000	\$0	\$0	\$200,000

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# Waste Water

## Orion Camera (CCTV)

<b>Project Number</b>	85-WWO-001-24
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	85 - 200 - WWTP and Operation
<b>Description</b>	Orion Zoom Pan & Tilt digital camera for 4-inch pipe and larger. Note: Formerly 85-ENV-001-24
<b>Justification</b>	This will allow for inspection of 4- and 6-inch sewer mains that the larger camera cannot access. This will also provide a backup camera breaks down or must be sent in for routine maintenance.

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$0	\$25,000	\$0	\$0	\$0	\$25,000
						\$0
						\$0
Project Totals	\$0	\$25,000	\$0	\$0	\$0	\$25,000

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# Waste Water

## Building (WWTP) Improvements

**Project Number** 85-WWO-005-15

**Improvement Type** Building & Building Improvements

**Division** 85 - 200 - WWTP and Operation

**Description** Install 2 overhead doors on Equipment Storage Building on east wall and remove overhead door in the north wall and seal off opening. Remove and replace two 3'

**Justification** The building can be heated more efficiently by closing off the north overhead door, moving the doors to the east side will allow better use of the space. The existing heaters are unreliable and required extra maintenance to assure proper operation.

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$40,000	\$0	\$0	\$0	\$0	\$40,000
						\$0
						\$0
Project Totals	\$40,000	\$0	\$0	\$0	\$0	\$40,000

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# Waste Water

## Portable Trash Pump

**Project Number** 85-WWO-008-16

**Improvement Type** Machinery & Equipment

**Division** 85 - 200 - WWTP and Operation

**Description** Two inch to four inch portable trash pumps

**Justification** Replacement of pumps that are used in the construction and maintenance of the wastewater collection system and have reached the end of their useful life

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$4,000	\$0	\$0	\$0	\$0	\$4,000
						\$0
						\$0
Project Totals	\$4,000	\$0	\$0	\$0	\$0	\$4,000

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# Waste Water

## Security & Access Control

**Project Number** 85-WWO-003-22

**Improvement Type** Building & Building Improvements

**Division** 85 - 200 - WWTP and Operation

**Description** Install Security & Access control at the WWTP and Goodwin Hollow Liftstaion

**Justification** This will enhance security and access at all the WWTP & Goodwin Hollow Liftstation.  
This will also allow for remote cameras that these locations

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$50,000	\$0	\$0	\$0	\$0	\$50,000
						\$0
						\$0
Project Totals	\$50,000	\$0	\$0	\$0	\$0	\$50,000

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# Waste Water

## Wastewater Equipment Repairs

<b>Project Number</b>	85-WWO-008-21
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	85 - 200 - WWTP and Operation
<b>Description</b>	Replacement/Rebuild of Wastewater Pumps, Motors, and Equipment
<b>Justification</b>	Maintain equipment to insure reliability and to help reduce wastewater backups/overflows

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
						\$0
						\$0
Project Totals	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000



# Waste Water

## Trunk Sewer Replacement from South 5 to Evergreen North Side of Manors

**Project Number** 85-WWX-001-21

**Improvement Type** Land & Land Improvements

**Division** 85 - 200 - WWTP and Operation

**Description** Replace 3,000 Linear Feet of 15 inch sewer main and 11 Manholes

**Justification** The existing line allows rain water to enter the collection system during heavy rains and overloads the capacity of the line and causes overflows

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$0	\$0	\$0	\$75,000	\$75,000	\$150,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$75,000	\$75,000	\$150,000

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# Waste Water

## Samplers

**Project Number** 85-WWX-003-21

**Improvement Type** Machinery & Equipment

**Division** 85 - 200 - WWTP and Operation

**Description** Portable Sampler used for the Industrial pretreatment program

**Justification** Portable samplers are used in the departments industrial pretreatment program. and with the recent changes to the program two additional samplers are needed

Funding Source	2023	2024	2025	2026	2027	Total
Sewer Rates	\$0	\$0	\$4,000	\$4,000	\$4,000	\$12,000
						\$0
						\$0
Project Totals	\$0	\$0	\$4,000	\$4,000	\$4,000	\$12,000

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# Water

## Park Manor Water Line Replacement

**Project Number** 87-WTR-002-17

**Improvement Type** Land & Land Improvements

**Division** 87 - 200 - Water Operation

**Description** Replace approximately 1,800 linear feet of 4-inch Cast Iron water line and 41 services with a 6-inch pvc water line

**Justification** The existing 4-inch Cast Iron line has a history of leaks. and installing a 6 inch main will improve the fore flow and distribution in this area

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$0	\$0	\$0	\$55,000	\$55,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$55,000	\$55,000

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# Water

## New Well and Tower

**Project Number** 87-WTR-002-18

**Improvement Type** Building & Building Improvements

**Division** 87 - 200 - Water Operation

**Description** Drill new well and construct a water tower to service the Southwest parts of town.  
Purchase of new tandem axle dump truck to replace a 2002 model unit. Note:

**Justification** The current source capacity has a 2,102 gallon per minute shortfall when observing 8 hours on and 16 hours off to allow recharge of the groundwater table per the Missouri Department of Natural Resources Southwest Office policy. In addition this will continue to provide quality water and fire protection for new growth.

Funding Source	2023	2024	2025	2026	2027	Total
Bond Proceeds	\$0	\$0	\$0	\$3,000,000	\$3,000,000	\$6,000,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$3,000,000	\$3,000,000	\$6,000,000

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# Water

## Pickup Trucks

**Project Number** 87-WTR-003-18

**Improvement Type** Vehicles

**Division** 87 - 200 - Water Operation

**Description** Purchase of one new  $\frac{3}{4}$  ton and two new  $\frac{1}{2}$  ton 4 x 4 pickups to replace 2005 and 2006 model units. Purchase of new tandem axle dump truck to replace a 2002 model

**Justification** Pickups are used to transport personnel, tools, and equipment to jobsites. Pickups being replaced are approaching the end of service life and in line with the City Capitalization policy

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$30,000	\$0	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$30,000	\$0	\$0	\$0	\$0	\$30,000

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# Water

## Service Truck

**Project Number** 87-WTR-004-18

**Improvement Type** Vehicles

**Division** 87 - 200 - Water Operation

**Description** Purchase of a one ton 4 x 4 pickup to replace 2006 model unit. Purchase of new tandem axle dump truck to replace a 2002 model unit. Note: Formerly 87-ENV-004-

**Justification** One ton pickups are used to transport personnel, tools, and equipment to jobsites. Pickups being replaced are approaching the end of service life and in line with the City Capitalization policy

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$85,000	\$0	\$0	\$0	\$0	\$85,000
						\$0
						\$0
Project Totals	\$85,000	\$0	\$0	\$0	\$0	\$85,000

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## Replace Existing Water Computer Systems

**Project Number** 87-WTR-007-18

**Improvement Type** Furniture & Office Equipment

**Division** 87 - 200 - Water Operation

**Description** Replacement of desktops, laptops, or tablets with Win 7 32-bit to Win 10. Note: Formerly 87-ENV-005-18

**Justification** Current systems are at their end of life and were purchased in 2014 and 2015. Some were received from Jefferson City state program and were already a few years old. We would like to implement tablets in the field as well to become more mobile and digital. The new systems would be capable of handling current suites and or

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$5,000	\$7,500	\$7,500	\$7,500	\$7,500	\$35,000
						\$0
						\$0
Project Totals	\$5,000	\$7,500	\$7,500	\$7,500	\$7,500	\$35,000

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## Water Wells: Chlorine Analyzer Replacements

**Project Number** 87-WTR-004-19

**Improvement Type** Machinery & Equipment

**Division** 87 - 200 - Water Operation

**Description** Replacement of the existing chlorine analyzers in the seven wells. Note: Formerly 87-ENV-004-19

**Justification** The existing chlorine analyzers have reached the end of their useful life. The analyzers are used to monitor the chlorine levels at the well. This is a useful tool to better manage the water system and insure safe drinking water is delivered to our customers.

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$30,000
						\$0
						\$0
Project Totals	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$30,000

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# Water

## Water Well Critical Parts

<b>Project Number</b>	87-WTR-008-20
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	87 - 200 - Water Operation
<b>Description</b>	Keep in stock critical parts for the operation and maintenance of the water wells and towers.
<b>Justification</b>	To keep the wells and towers in good operating condition

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
						\$0
						\$0
Project Totals	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000

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# Water

## Water Tie Line: Twin Oaks & Tower

<b>Project Number</b>	87-WTR-001-21
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	87 - 200 - Water Operation
<b>Description</b>	Install approximately 650 linear feet of 6-inch and 350 linear feet of 8-inch water line and 1 fire hydrant. Note: Formerly 87-ENV-001-21
<b>Justification</b>	This will eliminate a dead end water line, creating a loop feed improving the water distribution system in this area of the distribution system.

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$16,000	\$0	\$0	\$0	\$0	\$16,000
						\$0
						\$0
Project Totals	\$16,000	\$0	\$0	\$0	\$0	\$16,000

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# Water

## Water Main: Mizer

<b>Project Number</b>	87-WTR-002-21
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	87 - 200 - Water Operation
<b>Description</b>	Replace 600 linear feet of 4-inch cast iron main line with 6-inch PVC. Note: Formerly 87-ENV-002-21
<b>Justification</b>	The existing cast iron lines have a history of leaks. Installing the 6-inch main line will improve the fire flows to this area of the distribution system.

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$24,000	\$0	\$0	\$0	\$24,000
						\$0
						\$0
Project Totals	\$0	\$24,000	\$0	\$0	\$0	\$24,000

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# Water

## Water Main: Barlow

<b>Project Number</b>	87-WTR-003-21
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	87 - 200 - Water Operation
<b>Description</b>	Replace 450 linear feet of 4-inch cast iron main line with 6-inch PVC. Note: Formerly 87-ENV-003-21
<b>Justification</b>	The existing cast iron lines have a history of leaks. Installing the 6-inch main line will improve the fire flows to this area of the distribution system.

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$27,500	\$0	\$0	\$0	\$27,500
						\$0
						\$0
Project Totals	\$0	\$27,500	\$0	\$0	\$0	\$27,500

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# Water

## Water Main: Marvin

<b>Project Number</b>	87-WTR-004-21
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	87 - 200 - Water Operation
<b>Description</b>	Replace 1,000 linear feet of 4-inch cast iron main line with 6-inch PVC. Note: Formerly 87-ENV-004-21
<b>Justification</b>	The existing cast iron lines have a history of leaks. Installing the 6-inch main line will improve the fire flows to this area of the distribution system.

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$33,000	\$0	\$0	\$0	\$33,000
						\$0
						\$0
Project Totals	\$0	\$33,000	\$0	\$0	\$0	\$33,000

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# Water

## Water Main: Albert

<b>Project Number</b>	87-WTR-005-21
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	87 - 200 - Water Operation
<b>Description</b>	Replace 350 linear feet of 4-inch cast iron main line with 6-inch PVC. Note: Formerly 87-ENV-005-21
<b>Justification</b>	The existing cast iron lines have a history of leaks. Installing the 6-inch main line will improve the fire flows to this area of the distribution system.

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$1,000	\$0	\$0	\$0	\$1,000
						\$0
						\$0
Project Totals	\$0	\$1,000	\$0	\$0	\$0	\$1,000

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# Water

## Water Main: Dickinson

**Project Number** 87-WTR-006-21

**Improvement Type** Land & Land Improvements

**Division** 87 - 200 - Water Operation

**Description** Install approximately 500 linear feet of 6-inch water line and 2 fire hydrants. Note:  
Formerly 87-ENV-006-21

**Justification** The existing cast iron lines have a history of leaks. Installing the 6-inch main line will  
improve the fire flows to this area of the distribution system.

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$24,000	\$0	\$0	\$0	\$24,000
						\$0
						\$0
Project Totals	\$0	\$24,000	\$0	\$0	\$0	\$24,000

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# Water

## Utah Tower Improvements

**Project Number** 87-WTR-001-24

**Improvement Type** Building & Building Improvements

**Division** 87 - 200 - Water Operation

**Description** Evaluate well and water tower and update model

**Justification** This is to see how the lower elevation to the rest of the water distribution on the north side affects the water age in the tower. This will help in managing the water system more efficiently

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$350,000	\$0	\$0	\$0	\$350,000
						\$0
						\$0
Project Totals	\$0	\$350,000	\$0	\$0	\$0	\$350,000

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# Water

## Abbey Water Line Improvements

**Project Number** 87-WTR-004-23

**Improvement Type** Land & Land Improvements

**Division** 87 - 200 - Water Operation

**Description** replacing the services before street paves road in subdivision

**Justification** water line extension

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$20,000	\$0	\$0	\$0	\$0	\$20,000
						\$0
						\$0
Project Totals	\$20,000	\$0	\$0	\$0	\$0	\$20,000

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# Water

## Magnolia- Southlawn to Jessie Water Services

**Project Number** 87-WTR-005-23

**Improvement Type** Land & Land Improvements

**Division** 87 - 200 - Water Operation

**Description** replacing the services before street paves road in subdivision

**Justification** 2 tandem long side services

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$3,500	\$0	\$0	\$0	\$0	\$3,500
						\$0
						\$0
Project Totals	\$3,500	\$0	\$0	\$0	\$0	\$3,500

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# Water

## Security Fence at all Well Sites

**Project Number** 87-WTR-005-25

**Improvement Type** Building & Building Improvements

**Division** 87 - 200 - Water Operation

**Description** Chain link fencing around wells and towers

**Justification** This is a recommendation from MDNR to provide added security to the water system

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$0	\$200,000	\$0	\$0	\$200,000
						\$0
						\$0
Project Totals	\$0	\$0	\$200,000	\$0	\$0	\$200,000

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# Water

## Water Main: Frank

**Project Number** 87-WTR-001-23

**Improvement Type** Land & Land Improvements

**Division** 87 - 200 - Water Operation

**Description** Replace approximately 1150 linear feet of 1-inch galvanized water line with 2-inch PVC along Frank Street. Note: Formerly 87-ENV-001-23

**Justification** The existing aged galvanized line has a history of leaks and by installing a new 2- inch line will improve the water distribution system in this area of the distribution system

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$25,000	\$0	\$0	\$0	\$0	\$25,000
						\$0
						\$0
Project Totals	\$25,000	\$0	\$0	\$0	\$0	\$25,000

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# Water

## Water Main: Hunters Creek

**Project Number** 87-WTR-002-23

**Improvement Type** Land & Land Improvements

**Division** 87 - 200 - Water Operation

**Description** Replace approximately 1100 linear feet of 6-inch cast iron water line along Hunters Creek between Northview and Indian Creek. Note: Formerly 87-ENV-002-23

**Justification** This existing aged 6-inch cast iron pipe has a history of leaks and by installing a new 6-inch PVC line it will improve the water distribution system in this area of the distribution system.

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$40,000	\$0	\$0	\$0	\$0	\$40,000
						\$0
						\$0
Project Totals	\$40,000	\$0	\$0	\$0	\$0	\$40,000

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# Water

## Water Main: Manors and South Highway 5

**Project Number** 87-WTR-003-23

**Improvement Type** Land & Land Improvements

**Division** 87 - 200 - Water Operation

**Description** Replace approximately 1800 linear feet of 6-inch cast iron water line along Manors between Woodside and Hwy 5. Note: Formerly 87-ENV-003-23

**Justification** This existing aged 6-inch cast iron pipe has a history of leaks and by installing a new 6-inch PVC line it will improve the water distribution system in this area of the distribution system

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$21,000	\$0	\$0	\$0	\$0	\$21,000
						\$0
						\$0
Project Totals	\$21,000	\$0	\$0	\$0	\$0	\$21,000

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# Water

## East Fremont Water Line

**Project Number** 87-WTR-001-16

**Improvement Type** Land & Land Improvements

**Division** 87 - 200 - Water Operation

**Description** Construct 1,700 linear feet of 12-inch waterline

**Justification** This will eliminate two dead end water lines and tie them together, creating a loop feed improving the water distribution system in this area of the distribution system

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$100,000	\$0	\$0	\$0	\$0	\$100,000
						\$0
						\$0
Project Totals	\$100,000	\$0	\$0	\$0	\$0	\$100,000

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# Water

## Directional Drill Equipment

**Project Number** 87-WTR-008-16

**Improvement Type** Machinery & Equipment

**Division** 87 - 200 - Water Operation

**Description** Purchase a Directional Boring Machine and Tooling to install up to 8-inch water/wastewater lines and up to three 3-inch conduits for Electric lines. This would

**Justification** This will give the City the ability to install Water/Wastewater and Electric Utilities without disturbing expensive infrastructure and landscaping

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$100,000	\$0	\$0	\$0	\$0	\$100,000
						\$0
						\$0
Project Totals	\$100,000	\$0	\$0	\$0	\$0	\$100,000

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# Water

## Tapping Machine

<b>Project Number</b>	87-WTR-009-21
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	87 - 200 - Water Operation
<b>Description</b>	Pipe tapping machine for live tapping 3-inch through 12-inch water mains. Note: Formerly 87-ENV-009-21
<b>Justification</b>	The existing tapping machine is 30+ years old and has reached its useful life.

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$35,000	\$0	\$0	\$0	\$0	\$35,000
						\$0
						\$0
Project Totals	\$35,000	\$0	\$0	\$0	\$0	\$35,000

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# Water

## Water Main: Ronald Drive

<b>Project Number</b>	87-WTR-003-25
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	87 - 200 - Water Operation
<b>Description</b>	Install approximately 250 linear feet of 6-inch PVC water line from the end of Ronald Dr. to Dwight. Note: Formerly 87-ENV-002-23
<b>Justification</b>	This will eliminate two dead end water lines and tie them together, creating a loop feed improving the water distribution system in this area.

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$0	\$10,000	\$0	\$0	\$10,000
						\$0
						\$0
Project Totals	\$0	\$0	\$10,000	\$0	\$0	\$10,000

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# Water

## Water Main: Sunrise Drive Tie Line

<b>Project Number</b>	87-WTR-004-25
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	87 - 200 - Water Operation
<b>Description</b>	Install approximately 800 linear feet of 6 PVC water line along Sunrise Drive to Bethel Dr. Note: Formerly 87-ENV-004-25
<b>Justification</b>	This will eliminate two dead end water lines and tie them together, creating a loop feed improving the water distribution system in this area

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$0	\$20,000	\$0	\$0	\$20,000
						\$0
						\$0
Project Totals	\$0	\$0	\$20,000	\$0	\$0	\$20,000

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# Water

## Hillsdale- Plainview to end Water Services

**Project Number** 87-WTR-006-23

**Improvement Type** Land & Land Improvements

**Division** 87 - 200 - Water Operation

**Description** replacing the services before street paves road in subdivison

**Justification** 2 tandum long side services

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$3,500	\$0	\$0	\$0	\$0	\$3,500
						\$0
						\$0
Project Totals	\$3,500	\$0	\$0	\$0	\$0	\$3,500

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# Water

## Portable Trash Pump

**Project Number** 87-WTR-011-15

**Improvement Type** Machinery & Equipment

**Division** 87 - 200 - Water Operation

**Description** Replacement of 2 portable trash pumps

**Justification** These pumps are used in the maintenance and construction of water and sewer lines

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$4,000	\$0	\$0	\$4,000	\$4,000	\$12,000
						\$0
						\$0
Project Totals	\$4,000	\$0	\$0	\$4,000	\$4,000	\$12,000

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## Administrative Vehicle

**Project Number** 87-WTR-007-16

**Improvement Type** Vehicles

**Division** 87 - 200 - Water Operation

**Description** Replacement of 1 administrative vehicle

**Justification** Administrative Vehicles are used to transport employees to and from training classes

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$0	\$0	\$40,000	\$40,000	\$80,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$40,000	\$40,000	\$80,000

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## Chlorine Leak Detectors

**Project Number** 87-WTR-005-16

**Improvement Type** Machinery & Equipment

**Division** 87 - 200 - Water Operation

**Description** Install Chlorine Leak Detectors in the Seven Wells

**Justification** Provide early warning of a chlorine leak protecting surrounding homes and limiting damage to equipment

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$50,000	\$0	\$0	\$0	\$50,000
						\$0
						\$0
Project Totals	\$0	\$50,000	\$0	\$0	\$0	\$50,000

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# Water

## Hwy 5 Rosenthal to Woodhill water tie line

**Project Number** 87-WTR-001-17

**Improvement Type** Land & Land Improvements

**Division** 87 - 200 - Water Operation

**Description** Construct 850 linear feet of 12 inch & 2,600 linear feet of 8 inch water main

**Justification** This will eliminate two dead end water lines and increase the fire flow and improve the distribution system in this area

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$0	\$125,000	\$0	\$0	\$125,000
						\$0
						\$0
Project Totals	\$0	\$0	\$125,000	\$0	\$0	\$125,000

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## Security and access control

**Project Number** 87-WTR-009-16

**Improvement Type** Building & Building Improvements

**Division** 87 - 200 - Water Operation

**Description** Security and Access control for the wells and booster stations

**Justification** this will enhance security and access at all seven wells and two boosters. This will also allow for remote cameras that these locations

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$50,000	\$0	\$0	\$0	\$0	\$50,000
						\$0
						\$0
Project Totals	\$50,000	\$0	\$0	\$0	\$0	\$50,000

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# Water

## Nathaniel to Steele tie line

**Project Number** 87-WTR-001-18

**Improvement Type** Land & Land Improvements

**Division** 87 - 200 - Water Operation

**Description** Construction of 1,000 linear feet of 12 inch and 800 linear feet of 8 inch waterline

**Justification** This will eliminate two dead end water lines and increase the fire flow and improve the distribution system in this area

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$60,000	\$0	\$0	\$0	\$0	\$60,000
						\$0
						\$0
Project Totals	\$60,000	\$0	\$0	\$0	\$0	\$60,000

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# Water

## Well House Improvements

**Project Number** 87-WTR-006-25

**Improvement Type** Building & Building Improvements

**Division** 87 - 200 - Water Operation

**Description** Inspection to all the wells and booster stations

**Justification** To help identify the needed maintenance and repairs to include but not limited to the roof, paint inside and out, windows and doors

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$0	\$150,000	\$0	\$0	\$150,000
						\$0
						\$0
Project Totals	\$0	\$0	\$150,000	\$0	\$0	\$150,000

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# Water

## Osage Water Line Replacement

**Project Number** 87-WTR-001-26

**Improvement Type** Land & Land Improvements

**Division** 87 - 200 - Water Operation

**Description** Installation of 1,000 linear feet of 8 inch water line

**Justification** This will eliminate 2,000 linear feet of 6 inch cast iron currently installed in the backyards . there is a history of leaks on these lines

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$0	\$0	\$45,000	\$45,000	\$90,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$45,000	\$45,000	\$90,000

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# Water

## Donna Circle Water Replacement

**Project Number** 87-WTR-002-26

**Improvement Type** Land & Land Improvements

**Division** 87 - 200 - Water Operation

**Description** Installation of 1,400 linear feet of 6 inch water line

**Justification** This will eliminate 900 linear feet of 4 inch cast iron located in the backyards increasing the quality of the distribution system in this area

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$0	\$0	\$80,000	\$80,000	\$160,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$80,000	\$80,000	\$160,000

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# Water

## Evergreen Parkway From Southdale to Harley Davidson

**Project Number** 87-WTR-003-26

**Improvement Type** Land & Land Improvements

**Division** 87 - 200 - Water Operation

**Description** Install approximately 2,700 linear feet of 12 inch water line

**Justification** This will increase the fire flows in this area of the distribution system. Water Model Recommendation

Funding Source	2023	2024	2025	2026	2027	Total
Water Rates	\$0	\$0	\$0	\$250,000	\$250,000	\$500,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$250,000	\$250,000	\$500,000

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Capital Improvmeent Program Summary FY2022-FY2027							
Capital Project ID	Project Name	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027
01-FMS-001-23	Backhoe		\$98,000	\$98,000	\$98,000	\$98,000	\$98,000
<b>Total General Admin</b>		<b>\$0</b>	<b>\$98,000</b>	<b>\$98,000</b>	<b>\$98,000</b>	<b>\$98,000</b>	<b>\$98,000</b>
99-ITS-002-21	Switches	\$110	\$110				
99-ITS-002-22	SCALE Nodes	\$634					
99-ITS-002-22	Domain Rebuild	\$4,272					
99-ITX-001-21	SCALE Nodes		\$317				
99-ITX-001-21	SCALE Nodes		\$317				
99-ITX-001-21	SCALE Nodes	\$634					
<b>Total Municipal Court</b>		<b>\$5,650</b>	<b>\$745</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
01-FDE-001-21	Confined Space Rescue Breathing System		\$18,000				
01-FDX-001-22	Battery Powered PPV Fans				\$10,000		
01-FDX-001-23	Replace Nozzles		\$17,000				
99-ITS-002-22	SCALE Nodes	\$3,172					
99-ITX-001-21	SCALE Nodes		\$1,586				
<b>Total Fire Department</b>		<b>\$3,172</b>	<b>\$36,586</b>	<b>\$0</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$0</b>
01-PDA-002-19	911 Hardware		\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
22-PDA-001-18	WAVE Upgrade			\$5,000			
99-ITX-001-21	SCALE Nodes		\$10,310				
<b>Total Police Department</b>		<b>\$0</b>	<b>\$14,310</b>	<b>\$9,000</b>	<b>\$4,000</b>	<b>\$4,000</b>	<b>\$4,000</b>
01-CCC-001-19	Replace Computer Systems/Wireless	\$4,000					
01-CCC-004-23	In Line Booking		\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
99-ITS-002-21	Switches	\$166	\$166				
99-ITS-002-22	SCALE Nodes	\$952					
99-ITS-002-22	Domain Rebuild	\$6,408					
99-ITX-001-21	SCALE Nodes		\$476				
99-ITX-001-21	SCALE Nodes	\$952					
<b>Total Civic Center</b>		<b>\$12,478</b>	<b>\$30,642</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>
99-ITS-002-21	Switches	\$56	\$56				
99-ITS-002-22	SCALE Nodes	\$318					
99-ITS-002-22	Domain Rebuild	\$9,612					
99-ITX-001-21	SCALE Nodes		\$159				
99-ITX-001-21	SCALE Nodes	\$318					
<b>Total Mayor &amp; Council</b>		<b>\$10,304</b>	<b>\$215</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
99-ITS-002-21	Switches	\$166	\$166				
99-ITS-002-21	Switches	\$110	\$110				
99-ITS-002-22	SCALE Nodes	\$952					
99-ITS-002-22	SCALE Nodes	\$634					
99-ITS-002-22	Domain Rebuild	\$2,136					
99-ITX-001-21	SCALE Nodes		\$476				
99-ITX-001-21	SCALE Nodes		\$317				
99-ITX-001-21	SCALE Nodes	\$952					
99-ITX-001-21	SCALE Nodes	\$634					
<b>Total City Administration</b>		<b>\$5,584</b>	<b>\$1,069</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
99-ITS-002-21	Switches	\$110	\$110				
99-ITS-002-22	SCALE Nodes	\$634					
99-ITS-002-22	Domain Rebuild	\$3,204					
99-ITX-001-21	SCALE Nodes		\$317				



Capital Improvmeent Program Summary FY2022-FY2027							
Capital Project ID	Project Name	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027
99-ITX-001-21	SCALE Nodes	\$634					
<b>Total City Clerk Office</b>		<b>\$4,582</b>	<b>\$427</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
01-SWC-001-19	Stormwater: Mountrose Beacon Branch				\$750,000		
01-SWC-001-20	Stormwater: Washington and North Park Manor					\$50,000	\$50,000
01-SWC-001-23	Stormwater: West Fremont Improvements		\$10,000				
01-SWC-001-24	Stormwater: Kansas			\$300,000			\$25,000
01-SWC-001-26	Stormwater: Magnetic Addition					\$400,000	
01-SWC-001-27	Stormwater: Old Town						\$300,000
01-SWC-002-19	Stormwater: Springfield and Jackson				\$35,000		
01-SWC-002-21	Stormwater: Springfield and Jackson					\$25,000	
01-SWC-002-22	Stormwater: Evergreen Improvements		\$25,000	\$10,000			
01-SWC-003-18	Stormwater: Washington and Park Manor		\$100,000				
01-SWC-004-23	Stormwater: Bland Rd.		\$250,000				
01-SWC-006-19	Stormwater: Hydraulic Engineering Study		\$50,000	\$50,000			\$50,000
<b>Total Storm Water</b>		<b>\$0</b>	<b>\$435,000</b>	<b>\$360,000</b>	<b>\$785,000</b>	<b>\$500,000</b>	<b>\$425,000</b>
01-FIN-001-19	Replace Existing Computer Systems			\$5,000	\$2,500		
99-ITS-002-21	Switches	\$166	\$110				
99-ITS-002-22	SCALE Nodes	\$952					
99-ITS-002-22	Domain Rebuild	\$4,272					
99-ITX-001-21	SCALE Nodes		\$476				
99-ITX-001-21	SCALE Nodes	\$952					
<b>Total Finance Department</b>		<b>\$6,342</b>	<b>\$586</b>	<b>\$5,000</b>	<b>\$2,500</b>	<b>\$0</b>	<b>\$0</b>
99-ITS-002-22	Domain Rebuild	\$3,204					
<b>Total HR</b>		<b>\$3,204</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
01-FDE-003-017	Radio Communication	\$25,000					
03-FDE-001-22	75 ft Ladder truck	\$1,000,000					
03-FDX-002-21	Public Safety Building Equipment/Frniture	\$450,000					
99-ITS-002-21	Switches	\$552	\$552				
99-ITS-002-22	Domain Rebuild	\$32,039					
99-ITX-001-21	SCALE Nodes	\$3,172					
<b>Total Fire Public Safety</b>		<b>\$1,510,763</b>	<b>\$552</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
01-PDA-001-19	Field Investigation Hardware and Software	\$9,000					
01-PDA-003-18	Replace Existing Computer Systems	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000
03-PDA-006-22	Access Server Federal Protection	\$8,200					
03-PDX-001-21	IP Camera Solution	\$24,000					
03-PDX-001-22	Computer Voice Stress Analyzer (CVSA)	\$6,000					
03-PDX-002-22	Animal Control Truck	\$45,000					
03-PDX-003-22	Radar Speed Trailer	\$10,000					
04-PDX-001-22	Animal Control Network Hardware	\$10,000					
05-PDX-001-22	License Plate Readers	\$66,000	\$24,000				
22-PDA-003-15	Patrol Cars		\$264,000	\$264,000	\$204,000		
99-ITS-002-21	Switches	\$3,584	\$3,584				
99-ITS-002-22	SCALE Nodes	\$20,620					
99-ITS-002-22	Domain Rebuild	\$50,194					
99-ITS-005-22	Printer	\$7,000					
99-ITS-005-22	GIS Build	\$1,857					

Capital Improvmeent Program Summary FY2022-FY2027							
Capital Project ID	Project Name	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027
99-ITX-001-21	SCALE Nodes	\$20,620					
99-PDX-007-22	DSX Access	\$7,500					
<b>Total Police Public Safety</b>		<b>\$305,575</b>	<b>\$307,584</b>	<b>\$280,000</b>	<b>\$220,000</b>	<b>\$16,000</b>	<b>\$16,000</b>
08-STR-001-20	Madison Avenue Overlay	\$10,059					
08-STR-001-22	Elm Street Asphalt Overlay	\$800,000					
08-STR-001-26	Tekary Street					\$39,403	
08-STR-001-27	Timberwood Lane						\$58,299
08-STR-002-26	Stella Street					\$36,728	
08-STR-002-27	Berrywood Drive						\$32,007
08-STR-003-26	Danielle Drive					\$58,756	
08-STR-003-27	Cranberry Lane						\$25,606
08-STR-004-24	Jefferson Avenue Sidewalk Improvements					\$330,000	
08-STR-004-25	Jefferson Avenue Sidewalk Improvements						\$491,400
08-STR-004-26	Ryan Street					\$58,344	
08-STR-004-27	Raspberry Drive						\$30,684
08-STR-005-20	Half Ton 4X4 Pickup Trucks					\$30,000	
08-STR-005-25	Fourth Street				\$655,000		
08-STR-005-26	Eastmont Drive					\$29,287	
08-STR-005-27	Allison Lane						\$59,442
08-STR-006-23	Hospital Drive Asphalt Overlay				\$118,400		
08-STR-006-24	Lincoln Avenue	\$76,954					
08-STR-006-25	Street Sweeper						\$300,000
08-STR-006-27	Foxwood Court						\$24,691
08-STR-007-23	Albert Street Improvements			\$8,179			
08-STR-007-25	Skid Steer Loader						\$70,000
08-STR-007-27	Timberwood Court						\$25,148
08-STR-008-23	Marvin Avenue Improvements			\$26,942			
08-STR-008-24	Indian Creek Drive			\$104,629			
08-STR-008-27	Zachary Drive						\$32,464
08-STR-009-23	Mizer Street Improvements			\$22,235			
08-STR-009-24	Winsor Drive			\$32,021			
08-STR-009-27	East Bland Sidewalk						\$40,000
08-STR-010-23	Barlow Street Improvements			\$11,445			
08-STR-010-24	Laclede Street			\$17,695			
08-STR-011-23	Dickinson Street Improvements			\$20,290			
08-STR-011-24	Crestline Street			\$7,202			
08-STR-011-25	Frank Avenue				\$16,289		
08-STR-012-23	Willow Lane		\$45,953				
08-STR-012-24	Ivey Lane			\$86,699			
08-STR-012-25	Commercial Street Improvements	\$250,000					
08-STR-013-23	Nelson Drive		\$20,747				
08-STR-013-24	Ivey Lane Sidewalk			\$55,000			
08-STR-013-25	Deadra Drive				\$116,792		
08-STR-014-23	Holly Street		\$45,782				
08-STR-014-24	Elm Street Sidewalk			\$44,500			
08-STR-014-25	Beck Lane Sidewalk				\$60,500	\$60,500	
08-STR-015-23	Nelson Court (North)		\$8,841				
08-STR-015-24	Morgan Road Sidewalk			\$15,400			

Capital Improvmeent Program Summary FY2022-FY2027							
Capital Project ID	Project Name	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027
08-STR-016-22	Jefferson Avenue Sidewalk Improvements					\$310,000	
08-STR-016-23	Greenwood Drive		\$22,405				
08-STR-016-24	Slate Street Sidewalk			\$13,200			
08-STR-017-17	Single Axle Dump Truck					\$120,000	
08-STR-017-21	East Bland Road Asphalt Overlay	\$144,666					
08-STR-017-22	Beck Lane Extension	\$122,500					
08-STR-017-23	Pine Street		\$11,317				
08-STR-018-22	Jessie Street	\$88,683					
08-STR-018-23	Trent Street		\$12,403				
08-STR-019-22	Farmers Lane	\$44,071					
08-STR-019-23	Dwight Street		\$38,091				
08-STR-020-22	Magnolia Drive	\$29,972					
08-STR-020-23	Dickens Drive		\$22,428				
08-STR-021-20	New Street Improvements	\$65,000					
08-STR-021-22	Hilsdale Street	\$49,537					
08-STR-021-23	Thomas Drive		\$21,476				
08-STR-022-22	Cypress Drive	\$51,234					
08-STR-022-23	Cedar Drive		\$20,795				
08-STR-023-22	New Buffalo Road Sidewalk	\$55,000					
08-STR-023-23	Ronald Drive		\$13,089				
08-STR-024-22	ADA Sidewalk Ramp Replacements	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
08-STR-024-23	Benage Drive		\$31,729				
08-STR-025-22	Computer Systems	\$5,000					
08-STR-025-22	Southlawn Avenue	\$39,948					
08-STR-025-23	Maple Lane	\$116,700					
08-STR-026-22	Wireless Headphone System for Street Maintenance	\$7,000					
08-STR-026-22	Amy Drive	\$39,091					
08-STR-026-23	Bennett Avenue	\$26,929					
08-STR-027-23	Seventh Street	\$23,034					
08-STR-23-21	Computer Systems		\$5,000		\$5,000		
99-ITS-002-21	Switches	\$276	\$276				
99-ITS-002-22	SCALE Nodes	\$1,586					
99-ITS-002-22	Domain Rebuild	\$12,815					
99-ITS-005-22	GIS Build	\$1,857					
99-ITX-001-21	SCALE Nodes		\$793				
99-ITX-001-21	SCALE Nodes	\$1,586					
Total Street Operation		\$2,073,498	\$331,125	\$475,437	\$981,981	\$1,083,018	\$1,199,741
01-CCC-001-21	Exhibition Hall Chairs		\$12,000	\$12,000	\$12,000	\$12,000	\$12,000
01-FDE-001-21	Firefighting Helmets	\$2,100					
01-FDE-002-18	Mobile Tablets	\$15,000					
01-FDE-012-17	Station 1 Improvements	\$125,000					
01-FDE-012-17	Station 2 Improvements	\$125,000					
01-SWC-004-14	Replacement and Restoration of Retention Ponds	\$5,000					
22-CAO-001-22	Conference Room Projector	\$5,600					
22-CCC-001-22	Replacement of Gas Fired Pool Heater	\$30,000					
22-CCC-002-21	Replace Multi Purpose Flooring		\$100,000				
22-CCC-002-22	Upgrade of UV System of CCC Pool	\$15,000					
22-CCC-003-22	Rebuild Paddock Water Filter for CCC Pool	\$40,000					

Capital Improvmeent Program Summary FY2022-FY2027							
Capital Project ID	Project Name	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027
22-CCC-004-22	Forklift	\$40,000					
22-FDE-001-17	Bunker Gear	\$14,000	\$72,000	\$72,000	\$72,000	\$72,000	\$72,000
22-FDE-002-17	Mobile Traffic Light Controll		\$18,000	\$18,000	\$18,000	\$18,000	\$18,000
22-FMS-005-20	Elm Street Christmas Decorations	\$6,500	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000
22-PDA-002-18	Automatic License Plate Reader (APLR)					\$24,000	\$24,000
99-FDE-001-16	Fire Station #3	\$3,040,000					
99-ITS-001-21	City-wide Cameras	\$22,000					
99-ITS-003-20	Printer Replacement Konica		\$7,500				
<b>Total General Capital</b>		<b>\$3,485,200</b>	<b>\$215,500</b>	<b>\$108,000</b>	<b>\$108,000</b>	<b>\$132,000</b>	<b>\$132,000</b>
80-ELF-005-22	Radio	\$60,000					
<b>Total Street Capital</b>		<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
99-ITS-002-21	Switches	\$110	\$110				
99-ITS-002-22	SCALE Nodes	\$634					
99-ITS-002-22	SCALE Nodes	\$634					
99-ITX-001-21	SCALE Nodes		\$317				
99-ITX-001-21	SCALE Nodes	\$634					
<b>Total Tourism</b>		<b>\$2,012</b>	<b>\$427</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
	DTMP Roof Project	\$35,000					
<b>Total Detroit Tool Metal Products</b>		<b>\$35,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
22-CDC-001-21	Replacement of Network Systems		\$2,550	\$2,550	\$2,550	\$2,550	\$2,550
22-CDC-001-22	Replacement of Cannon Plotter/Scanner		\$12,500				
22-CDC-002-21	Replacement of Network System	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
50-CDC-001-22	Grandview Subdivision	\$159,149					
50-CDC-002-22	Jones Subdivision	\$38,564					
50-CDC-003-22	Flatwoods subdivision	\$438,510					
50-CDC-004-22	Lexington Square	\$284,900					
99-ITS-002-21	Switches	\$386	\$386				
99-ITS-002-22	SCALE Nodes	\$2,220					
99-ITS-002-22	Domain Rebuild	\$1,068					
99-ITS-002-22	Domain Rebuild	\$5,340					
99-ITX-001-21	SCALE Nodes		\$1,110				
99-ITX-001-21	SCALE Nodes	\$2,220					
<b>Total Codes Administration</b>		<b>\$935,357</b>	<b>\$19,546</b>	<b>\$5,550</b>	<b>\$5,550</b>	<b>\$5,550</b>	<b>\$5,550</b>
99-ITS-005-22	GIS Build	\$1,858					
<b>Total Mapping &amp; GIS</b>		<b>\$1,858</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
60-GFM-001-18	Garage Exhaust Fan (Phase 2)	\$10,000					
60-GFM-001-19	Service Truck		\$60,000				
60-GFM-001-21	Enclose Existing Garage Space	\$6,000					
60-GFM-005-19	Heavy Truck Scan Tool		\$5,000				
60-GFX-001-21	Garage Roll-Up Doors					\$38,000	\$38,000
60-GFX-003-21	New Compressor in New Enclosed Room				\$3,000		
60-GFX-004-21	Floor Drain System		\$10,000				
99-ITS-002-21	Switches	\$110	\$110				
99-ITS-002-22	SCALE Nodes	\$634					
99-ITS-002-22	Domain Rebuild	\$3,204					
99-ITX-001-21	SCALE Nodes		\$317				
99-ITX-001-21	SCALE Nodes	\$634					
<b>Total Garage</b>		<b>\$20,582</b>	<b>\$75,427</b>	<b>\$0</b>	<b>\$3,000</b>	<b>\$38,000</b>	<b>\$38,000</b>

Capital Improvmeent Program Summary FY2022-FY2027							
Capital Project ID	Project Name	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027
99-ITS-002-22	Domain Rebuild	\$1,068					
<b>Total Warehouse</b>		<b>\$1,068</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
01-ITS-001-20	Replace Existing Computer Systems				\$2,500		
22-ITS-005-16	Mobile Data Tablets	\$5,000		\$5,000			
99-ITS-002-21	Switches	\$276	\$276				
99-ITS-002-22	Domain Rebuild	\$8,544					
99-ITX-001-21	SCALE Nodes	\$1,586					
<b>Total Information Technology</b>		<b>\$15,406</b>	<b>\$276</b>	<b>\$5,000</b>	<b>\$2,500</b>	<b>\$0</b>	<b>\$0</b>
01-FMS-002-16	Half Ton Pickup			\$24,000			
01-FMS-002-19	60" Zero Turn Mower		\$12,500	\$12,500	\$12,500	\$12,500	\$12,500
99-ITS-002-21	Switches	\$166	\$166				
99-ITS-002-22	Domain Rebuild	\$2,136					
99-ITS-002-22	SCALE Nodes	\$952					
99-ITX-001-21	SCALE Nodes	\$952					
99-ITX-001-21	SCALE Nodes		\$476				
<b>Total Facilities Management</b>		<b>\$4,206</b>	<b>\$13,142</b>	<b>\$36,500</b>	<b>\$12,500</b>	<b>\$12,500</b>	<b>\$12,500</b>
73-APT-001-21	Airport Master Plan	\$150,000	\$153,000				
73-APT-001-23	Taxiway Rehabilitation		\$683,500	\$683,500	\$683,500	\$683,500	\$683,500
73-APT-001-24	Replace Exisiting Computer Systems/Printer	\$900					
73-APT-001-24	Utility Vehicle			\$13,000			
73-APT-002-21	Aviation Fuel Truck			\$95,000			
73-APT-002-22	Rotary Cutters		\$12,800				
73-APT-003-21	Ramp and Parking Lot Repair	\$25,000					
99-ITS-002-21	Switches	\$110	\$110				
99-ITS-002-22	Domain Rebuild	\$4,272					
99-ITS-002-22	SCALE Nodes	\$634					
99-ITX-001-21	SCALE Nodes	\$634					
99-ITX-001-21	SCALE Nodes		\$317				
<b>Total Airport General</b>		<b>\$181,550</b>	<b>\$849,727</b>	<b>\$791,500</b>	<b>\$683,500</b>	<b>\$683,500</b>	<b>\$683,500</b>
22-PKD-001-19	Skate Park Improvements	\$125,000					
79-PKX-001-22	Irrigation System Field 3 at Atchley Park	\$25,000					
79-PKX-001-24	Replace computer system				\$5,000		
79-PKX-001-26	Walking trail maintenance					\$15,000	\$15,000
79-PKX-002-22	Purchase of new mower	\$10,000	\$10,000	\$10,500	\$11,000	\$11,500	\$15,000
79-PKX-002-26	Purchase of truck with dump bed						\$40,000
79-PKX-003-22	WT Vernon Park Improvements	\$5,000					
79-PKX-003-22	Purchase John Deere Tractor			\$35,000			
79-PKX-004-22	Purchase of new park utility vehicle		\$14,000				
79-PKX-004-23	Resurface Parking Lots		\$25,000		\$75,000		
79-PKX-004-24	Purchase of new vehicle	\$25,000	\$25,500		\$26,500	\$27,000	
79-PKX-005-24	Shelter Replacements			\$30,000		\$30,000	
99-ITS-002-21	Switches	\$166	\$166				
99-ITS-002-22	Domain Rebuild	\$3,204					
99-ITS-002-22	SCALE Nodes	\$952					
99-ITX-001-21	SCALE Nodes	\$952					
99-ITX-001-21	SCALE Nodes		\$476				
<b>Total Parks Operation and Administration</b>		<b>\$195,274</b>	<b>\$75,142</b>	<b>\$75,500</b>	<b>\$117,500</b>	<b>\$83,500</b>	<b>\$70,000</b>
79-BXX-001-21	Boswell Aquatic Center equipment					\$15,000	\$15,000

Capital Improvmeent Program Summary FY2022-FY2027							
Capital Project ID	Project Name	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027
<b>Total Boswell Aquatic Center</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,000</b>	<b>\$15,000</b>
22-FMS-002-20	Replace HVAC Units as Public Works	\$16,500	\$16,500				
80-ELF-001-20	Replace Existing Computer Systems	\$6,500					
80-ELF-001-23	Skid Steer with Forestry Processor		\$80,000				
80-ELF-003-17	Department Pickups		\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
80-ELF-004-22	Transformers	\$150,000					
80-ELF-015-21	Material Handler Bucket Truck		\$250,000				
80-ELF-016-21	80 Ft. Bucket Truck		\$350,000	\$350,000	\$350,000	\$350,000	\$350,000
80-ELX-003-22	Small Bucket Truck		\$213,000				
99-ITS-002022	SCALE Nodes	\$2,538					
99-ITS-002-21	Switches	\$442	\$883				
99-ITS-002-22	Domain Rebuild	\$18,155					
99-ITS-005-22	GIS Build	\$1,857					
99-ITX-001-21	SCALE Nodes	\$2,538					
99-ITX-001-21	SCALE Nodes		\$1,269				
<b>Total Electric Operating</b>		<b>\$198,530</b>	<b>\$951,652</b>	<b>\$390,000</b>	<b>\$390,000</b>	<b>\$390,000</b>	<b>\$390,000</b>
80-ELF-001-23	Prairie Ridge Subdivision		\$40,885				
80-ELF-002-20	Battery Backup for Substation Reclosers		\$50,000				
80-ELF-002-21	Line Reconductor/Extensions-Michigan/Monroe			\$450,000			
80-ELF-004-22	Line Reconductor/Extensions - Substations 7 & 8						\$4,500,000
80-ELF-005-22	Radio	\$74,000					
80-ELF-006-21	Overhead Aerial Cable Project - Stanwood Drive and Belwood Road		\$30,000				
80-ELF-006-22	Allen Building	\$20,000					
80-ELF-007-14	161 Substations and Transmission					\$5,000,000	\$10,000,000
80-ELF-008-14	Line Reconductor/Pole Changeouts		\$150,000				
80-ELF-008-21	Overhead Aerial Cable Project - Woodhill Drive	\$70,000					
80-ELF-009-21	Overhead Aerial Cable project - Krudwig Avenue, Walser and Donnalee Avenue	\$50,000					
80-ELF-010-21	Overhead Aerial Cable Project - Osage Street, Parkway and Highland Street		\$30,000				
80-ELF-011-21	Overhead Aerial Cable Project - Holly Street, Pine Street and Zachary Drive			\$30,000			
80-ELF-012-21	Overhead Aerial Cable Project - Polk Avenue, Taylor Street and 5th Street			\$30,000			
80-ELF-014-21	Substation Recloser Upgrades			\$300,000			
80-ELF-017-21	Update Substation Bays				\$350,000		
80-ELF-018-21	Insulator Upgrades		\$30,000		\$30,000		
80-ELX-001-21	Substation #3 Improvements		\$120,000				
80-ELX-002-21	Primary System Improvements - Substation #7				\$1,076,600		
80-ELX-004-21	Primary System Improvements - Substation #5					\$371,000	
80-ELX-005-21	Substation Improvements - Substation #2					\$153,000	
80-ELX-006-21	Primary System Improvements - Substation #2						\$623,700
80-ELX-007-21	Primary System Improvements - Substation #8			\$917,100			
80-ELX-008-21	Sectionalizing Improvements		\$100,000				
80-ELX-009-21	Substation #8 Improvements		\$38,000				
80-ELX-010-21	Substation #3 Improvements		\$800,000				
80-ELX-011-21	Primary System Improvements - Substation #6					\$201,000	
80-ELX-012-21	Primary System Improvements - Substation #1				\$957,100		
80-ELX-013-21	Substation Improvements - Substation #7						\$600,000
80-ELX-014-21	Substation Improvements - Substation #1					\$140,000	
80-ELX-015-21	Substation Improvements - Substation #5					\$100,000	
99-ITS-005-22	GIS Build	\$1,857					

Capital Improvmeent Program Summary FY2022-FY2027							
Capital Project ID	Project Name	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027
<b>Total Fiber Operating</b>		<b>\$215,857</b>	<b>\$1,388,885</b>	<b>\$1,727,100</b>	<b>\$2,413,700</b>	<b>\$5,965,000</b>	<b>\$15,723,700</b>
80-ELF-005-22	Radio	\$38,000					
85-WWO-001-14	Co ection rove ent oo win o ow ater e	\$500,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000
85-WWO-001-17	Wastewater Treatment Plant Existing/New Asphalt and Concrete		\$175,000				
85-WWO-001-19	Lift Station Improvements	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
85-WWO-001-21	Sewer Main: Mizer Street				\$15,000		
85-WWO-001-23	South Highway 5 Lift Station				\$200,000		
85-WWO-001-24	Orion Camera (CCTV)			\$25,000			
85-WWO-002-19	Benchtop Spectrophotometer					\$6,500	\$6,500
85-WWO-002-21	Sewer Main: Barlow Street				\$13,000		
85-WWO-002-22	Sewer Main: Stave Mill Easement	\$30,000					
85-WWO-002-23	Abby Sewer Extension		\$9,000				
85-WWO-003-18	e ace i tin a tewater Co ter te	\$5,000	\$5,000	\$7,500	\$7,500	\$7,500	\$7,500
85-WWO-003-21	Sewer Main: Marvin Avenue				\$27,000		
85-WWO-003-22	Security & Access Control		\$50,000				
85-WWO-004-21	Sewer Main: Perry Street			\$40,000			
85-WWO-004-22	Emerald Gate Liftstation Replacement ( Install Gravity Main)	\$20,000					
85-WWO-005-15	Building (WWTP) Improvements		\$40,000				
85-WWO-005-21	IDEX	\$5,500					
85-WWO-005-22	North 5 Sewer Extension	\$35,000					
85-WWO-006-21	Mechanical Convection Oven			\$4,500			
85-WWO-006-22	Lake Regional Sewer Extension	\$100,000					
85-WWO-007-16	Pickup Trucks		\$30,000				
85-WWO-007-21	WWTP Perimeter Fence	\$100,000					
85-WWO-008-16	Portable Trash Pump		\$4,000				
85-WWO-008-19	Portable Flow Meters					\$10,000	
85-WWO-008-21	Wastewater Equipment Repairs	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
85-WWO-008-21	WWTP Phase II SCADA Programming & Install	\$35,000					
85-WWO-009-19	Liftstation Critical Parts	\$25,000	\$25,000				
85-WWX-001-21	Trunk Sewer Replacement from South 5 to Evergreen North Side of Manors					\$75,000	\$75,000
85-WWX-002-21	Clarifiers #1,#2 and #3 Rehabilitation	\$90,000					
85-WWX-003-21	Samplers				\$4,000	\$4,000	\$4,000
99-ITS-002-21	Switches	\$496	\$496				
99-ITS-002-22	Domain Rebuild	\$21,359					
99-ITS-002-22	SCALE Nodes	\$2,856					
99-ITS-005-22	GIS Build	\$1,857					
99-ITX-001-21	SCALE Nodes	\$2,856					
99-ITX-001-21	SCALE Nodes		\$1,428				
<b>Total WWTP and Operation</b>		<b>\$1,172,924</b>	<b>\$1,249,924</b>	<b>\$987,000</b>	<b>\$1,176,500</b>	<b>\$1,013,000</b>	<b>\$1,003,000</b>
80-ELF-005-22	Radio	\$28,000					
87-WTR-001-16	East Fremont Water Line		\$100,000				
87-WTR-001-17	Hwy 5 Rosenthal to Woodhill water tie line				\$125,000		
87-WTR-001-18	Nathaniel to Steele tie line		\$60,000				
87-WTR-001-21	Water Tie Line: Twin Oaks & Tower	\$16,000	\$16,000				
87-WTR-001-22	Water Main: Owens	\$22,000					
87-WTR-001-23	Water Main: Frank		\$25,000				
87-WTR-001-24	Utah Tower Improvements			\$350,000			
87-WTR-001-26	Osage Water Line Replacement					\$45,000	\$45,000

Capital Improvmeent Program Summary FY2022-FY2027							
Capital Project ID	Project Name	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027
87-WTR-002-17	Park Manor Water Line Replacement						\$55,000
87-WTR-002-18	New Well and Tower					\$3,000,000	\$3,000,000
87-WTR-002-21	Water Main: Mizer			\$24,000			
87-WTR-002-23	Water Main: Hunters Creek		\$40,000				
87-WTR-002-26	Donna Circle Water Replacement					\$80,000	\$80,000
87-WTR-003-18	Pickup Trucks		\$30,000				
87-WTR-003-21	Water Main: Barlow			\$27,500			
87-WTR-003-22	Maple Lane Water Line Improvements	\$120,000					
87-WTR-003-23	Water Main: Manors and South Highway 5		\$21,000				
87-WTR-003-25	Water Main: Ronald Drive				\$10,000		
87-WTR-003-26	Evergreen Parkway From Southdale to Harley Davidson					\$250,000	\$250,000
87-WTR-004-18	Service Truck		\$85,000				
87-WTR-004-19	Water Wells: Chlorine Analyzer Replacements	\$10,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000
87-WTR-004-21	Water Main: Marvin			\$33,000			
87-WTR-004-22	Cypress- Jessie to Southlawn Water Services	\$3,500					
87-WTR-004-23	Abbey Water Line Improvements		\$20,000				
87-WTR-004-25	Water Main: Sunrise Drive Tie Line				\$20,000		
87-WTR-005-16	Chlorine Leak Detectors			\$50,000			
87-WTR-005-21	Water Main: Albert			\$1,000			
87-WTR-005-22	Jessie- Hwy 5 to Amy Water Services	\$8,500					
87-WTR-005-23	Magnolia- Southlawn to Jessie Water Services		\$3,500				
87-WTR-005-25	Security Fence at all Well Sites				\$200,000		
87-WTR-006-21	Water Main: Dickinson			\$24,000			
87-WTR-006-23	Hillsdale- Plainview to end Water Services		\$3,500				
87-WTR-006-25	Well House Improvements				\$150,000		
87-WTR-007-16	Administrative Vehicle					\$40,000	\$40,000
87-WTR-007-18	Replace Existing Water Computer Systems	\$5,000	\$5,000	\$7,500	\$7,500	\$7,500	\$7,500
87-WTR-007-21	Water Services: New Buffalo Road	\$6,000					
87-WTR-008-16	Directional Drill Equipment		\$100,000				
87-WTR-008-20	Water Well Critical Parts	\$10,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
87-WTR-009-16	Security and access control		\$50,000				
87-WTR-009-21	Tapping Machine		\$35,000				
87-WTR-011-15	Portable Trash Pump		\$4,000			\$4,000	\$4,000
99-ITS-002-21	Switches	\$442	\$442				
99-ITS-002-22	Domain Rebuild	\$21,359					
99-ITS-002-22	SCALE Nodes	\$2,538					
99-ITS-005-22	GIS Build	\$1,857					
99-ITX-001-21	SCALE Nodes	\$2,538					
99-ITX-001-21	SCALE Nodes		\$1,269				
<b>Total Water Operation</b>		<b>\$257,734</b>	<b>\$625,711</b>	<b>\$543,000</b>	<b>\$538,500</b>	<b>\$3,452,500</b>	<b>\$3,507,500</b>
<b>Total City of Lebanon</b>		<b>\$10,723,710</b>	<b>\$6,722,200</b>	<b>\$5,926,587</b>	<b>\$7,582,731</b>	<b>\$13,521,568</b>	<b>\$23,353,491</b>



AN ORDINANCE BY THE CITY COUNCIL OF THE CITY OF LEBANON, LACLEDE COUNTY, MISSOURI, AMENDING THE CITY *CODE OF ORDINANCES CHAPTER 2 ADMINISTRATION, ARTICLE VIII FINANCE* BY REPEALING *SECTION 2-469 FIXED ASSETS AND CAPITALIZATION POLICY* AND *APPENDIX A OF ARTICLE VIII FINANCE* IN THEIR ENTIRETY AND ENACTING A NEWLY CREATED *SECTION 2-469 CAPITAL ASSETS POLICY* AND *APPENDIX A OF ARTICLE VIII FINANCE*.

*WHEREAS*, that sound fiscal management for municipal government units includes the oversight of capital assets; *and*

*WHEREAS*, that the City wishes to at all times be able to exercise positive financial accountability for the safekeeping and responsibilities of assets; *and*

*WHEREAS*, that on January 28, 2013 City Council adopted a Fixed Assets and Capitalization Policy via Ordinance No. 5052; *and*

*WHEREAS*, the City's fixed assets policy has not been reviewed since January 2013; *and*

*WHEREAS*, that the Finance Department recommends updating the policy to assist the City in moving forward with GASB 34 compliancy and to improve the understandability of the policy itself; *and*

*WHEREAS*, that Said Code Amendment was submitted to the City Council for approval by Council Bill No. 4657 at the July 9, 2018 Council Meeting.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LEBANON, LACLEDE COUNTY, MISSOURI, AS FOLLOWS;

**SECTION 1:** That the City Council of the City of Lebanon, Laclede County, Missouri, hereby amends the City *Code of Ordinances Chapter 2 Administration, Article VIII Finance* by repealing *Section 2-469 Fixed Assets and Capitalization Policy* in its entirety and enacting in lieu thereof a newly created *Section 2-469 Capital Assets Policy* to read as follows;

## **2-469 Capital Assets Policy**

### **a) Purpose and Scope**

- 1) The City of Lebanon invests a significant amount in capital assets in pursuit of its mission, as well as to maintain or improve the level of service expected by its citizens. These assets play an essential role in the City's ability to diversify, expand and cope with growth, and improve environmental conditions. That level of service can only be assured if adequate consideration is given to maintaining and expanding public facilities and infrastructure. If a government fails to maintain its capital assets; equipment, facilities and infrastructure will deteriorate more quickly and necessitate costly emergency allocations of financial resources.
- 2) The objective of this policy is to establish and maintain capital asset records to comply with governmental financial reporting standards, to ensure adequate control and appropriate use of capital assets, and to provide accountability for property control.
- 3) Any revisions or modifications to the capital asset policies and procedures will be made by the finance department and approved by the city administrator and/or the city council.

### **2-469.1 Definitions**

- a) Capital Assets are real or personal property used in operations that have a value equal to or greater than the capitalization threshold for their respective asset class and have an estimated initial useful life of greater than one year. Capital assets shall include land, land improvements other than buildings, buildings and improvements, infrastructure, construction in progress, machinery and equipment, and vehicles. A capital asset is to be reported and depreciated, if applicable, in the government-wide and enterprise fund financial statements. Assets not capitalized are expended in the year of acquisition.

*Basis* means the amount on which depreciation computations will be based.

*Buildings* means permanent structures purchased or otherwise acquired by the city and improvements thereon including costs incurred in the acquisition of the building such as broker's fees and other transactional cost.

*Capitalization policy* means all items, which cost less than five thousand dollars (\$5,000.00), should be expensed rather than treated as a fixed asset. All fixed assets should be properly booked using acceptable account practices.

*Controllable asset* means a controllable asset fails the cost test of being a capital item but needs to be controlled. These assets are not capitalized on the general ledger nor are they depreciated, but they are inventoried on the fixed asset system and given a unique identifying number.

*Curable condition* means curable conditions can be corrected economically through major repairs or replacement.

*Depreciation* means in both the valuation and accounting senses implies a loss in the value of a given asset or property. There are three causes of depreciation: (a) physical deterioration, wear and tear in operation, (b) functional obsolescence, new technology, or (c) economic and/or environmental obsolescence, influences external to property itself like new regulations.

*Disposal* means all items sold, traded-in, scrapped, abandoned or in any way removed from service during the current fiscal reporting period are classified as disposals.

*Equipment* means tangible property of a more or less permanent nature, other than land, buildings, and improvements other than buildings, such as machinery, tools, furniture, computers, etc.

*Exhaustible* means having a limited life and does depreciate

*Fair market value* means the estimated amount at which the fixed asset might exchange between a willing buyer and a willing seller, neither being under compulsion, each having reasonable knowledge of all relevant facts and with equity to both.

*Fixed asset* means a fixed asset must have a useful life of more than one year and a minimum cost of five thousand dollars (\$5,000.00). A fixed asset would include buildings, machinery/equipment, improvements other than buildings, and land.

*Fixed asset cost* means fixed assets and their betterments should be recorded at historical cost. Historical cost includes not only the purchase price or cost of construction, but also any costs incurred to place the asset in its intended place and prepare it for use.

*Fixed asset system* means a collection of all the relevant information on all assets owned, including procedures used to report the data, the defined responsibilities of those participating in administering the system, the paperwork and forms used in reporting the additions, deletions, transfers and changes, and the various reports generated from the input of the above data.

*Governmental fund type* means funds used to account for the acquisition, use and balances of expendable financial resources and the related current liabilities, except those accounted

for in proprietary type and fiduciary funds. Governmental fund types include general, special revenue, debt service and capital projects.

*Improvements other than buildings* means permanent improvements, other than buildings, that adds value to land such as fences, retaining walls, and gutters.

*Incurable condition* means incurable conditions reflect a gradual loss in value over time, which isn't readily correctable without a complete property replacement.

*Inexhaustible* has an unlimited life and does not depreciate

*Infrastructure* means capital assets, which are:

- (1) Immovable; and
- (2) Have value only to a governmental unit such as, roads, sidewalks, bridges, streetlights, parking lots, water, wastewater, fiber, and electrical systems.

*Land* means land purchased or otherwise acquired by the city including costs incurred in preparing land for use such as razing of structures or costs related to environmental studies.

*Life* means the life of an asset is the period of time that an asset is expected to be in use.

*Method* is the specific manner in which calculations for annual depreciation is made.

*Proprietary fund type* means funds used to account for activities which are similar to those found in the private sector. All assets, liabilities, equities, revenues, expenses and transfers related to the city's business activities are accounted for through proprietary funds (enterprise funds and internal service funds).

*Remaining life* is the number of years from present to anticipated retirement date.

*Total estimated life* is the expected economic useful life of an asset from the date placed in service to the projected retirement date.

*Salvage value* is an estimate of the residual value of an asset at the end of its estimated useful life.

*Straight line depreciation method* means the cost of an asset less the projected salvage value is divided by the number of years of useful life of an asset to calculate the annual depreciation charge.

*Transfer* is any movement of an asset by virtue of a change in location, either by account, department, building, floor, or room. A transfer may be a full or complete transfer or a partial transfer of an item.

## **2-469.2 Valuation**

- a) Capital assets should be reported at historical cost (original cost when acquired). All cost associated with the purchase or construction of a capital asset should be considered, including ancillary charges necessary to place the asset into its intended location and condition for use. Ancillary charges may include freight and transportation, site preparation, installation, professional fees, temporary and permanent easements, engineering, architect, construction management, and legal and title costs directly attribute to asset acquisition. Costs for training, maintenance agreements, and extended warranties which can be separately identified from the cost of the capital asset should not be capitalized.
- b) In the absence of historical cost information, the asset's estimated historical cost may be used to value the capital Asset. Donated capital assets should be reported at their estimated fair value at the time of acceptance plus ancillary charges, if any. Developer contributions should be reported at their estimated fair value at the time of acceptance by the City.

- c) The costs associated with general maintenance and repair that do not add value to the capital asset or materially extend the capital asset's useful life are expended in the period incurred rather than being capitalized. Significant costs, subject to the capitalization threshold for their respective asset class, which increase capacity (i.e. additional lanes on a road) or materially extend the useful life of an asset are considered a betterment and are capitalized and depreciated over the remaining useful life of the asset.

## **2-469.3 Asset classes**

- a) The City reports the following asset classes: land, land improvements other than buildings, buildings and improvement, infrastructure, construction in progress, machinery and equipment, and vehicles.

1) Land – Land is defined as the surface or crust of the earth, which can be used to support structures and roadways. All land is to be included in this classification regardless of its value for both tracking and reporting purposes. Expenditures for land improvements that do not require maintenance or replacement, bring land into condition to commence erection of structures, not identified with structures, or that do not deteriorate with use or passage of time are additions to the cost of land and are generally not exhaustible. Land is characterized as having an unlimited life (inexhaustible) and is not depreciated. Examples of items to be capitalized as land includes purchase price or fair value at time of donation, professional fees (i.e. title searches, architect, legal, engineering, appraisal, surveying, environmental assessments, etc.), land excavation, fill, grading, and drainage, demolition of existing buildings and improvements, removal, relocation, or reconstruction of property of others (i.e. railroad, telephone and power lines etc.), and recording costs.

Easements are interests in land owned by another that entitles its holder to the right to use the land for a specific or limited purpose. An easement does not give the holder a right of "possession" of the property only a right of use. A right of way is a type of easement in which fee simple title is obtained, defined as an absolute estate in perpetuity and one in which the owner is entitled to the entire property, with unconditional power of disposition. Therefore, right-of-way acquired or donated is considered land and should be capitalized as such. However, an easement for temporary access will not be capitalized.

2) Land Improvements other than buildings – consist of permanent improvements, other than buildings, which add value to land, require maintenance or replacement, are typically identified with structures, deteriorate with use or passage of time and are generally exhaustible. Examples include parking lots, landscaping, fencing and monuments (i.e. gateway signs)

3) Buildings and improvements – A building is a structure that is permanently attached to the land, has a roof, is partially or completely enclosed by walls, and is not intended to be transportable or movable. It is generally used to house persons, property and fixtures attached to and forming a permanent part of such a structure. Examples of items to be capitalized include the purchase price or fair value at the time of donation, expenditures for remodeling, recondition, or altering a building to make it ready for use for the purpose for which it is intended, environmental compliance (i.e. asbestos abatement), professional fees (i.e. architect, legal, engineering, inspections, etc.), costs of permits and licenses, completed project costs associated with the original construction of a building, additions to building (i.e. expansion, extension, or enlargement).

Improvements to buildings, as part of a major rehabilitation project, which materially extend the useful life of a building, increase the value of a building, or both should be capitalized. Examples of items to be capitalized include installation or upgrade of heating and cooling systems, installation or upgrade of wall or ceiling coverings (i.e. carpet, tile etc.), installation or replacement of structural components (i.e. beams, rafter, joists, interior framing, etc.), installation or upgrade of windows, doors, or cabinets, installation or upgrade of plumbing or electrical wiring, installation or upgrade of phone or closed

circuit television systems, networks, fiber optical cable or wiring required for equipment that will remain in the building, installation or replacement of exterior components (i.e. siding, roofing, masonry, etc.)

Maintenance costs are incurred to keep assets in normal operating condition and to help maintain the original use of the building and are not capitalized.

4) Infrastructure – assets that are long-lived capital assets and normally stationary in nature and can be preserved for a significantly greater number of years than most capital assets. They are the basic physical structures needed for the functioning of a community or society, such as transportation and communications systems and water and power lines. These include but are not limited to roads, bridges, sanitary sewer lift stations, interceptors, sanitary sewer mains, water mains, wells and water pump stations, water treatment plant, piping and equipment, water storage tanks, and stormwater draining improvements.

Maintenance costs allow a government to continue to use an infrastructure asset during its originally established useful life and are not capitalized. Preservation costs extend the useful life of an asset beyond its original estimated useful life and should be capitalized, subject to the capitalization threshold. Additions and improvements are costs that increase the capacity of the asset (i.e. additional lanes on a road) and should be capitalized, subject to the capitalization threshold. Individual components of infrastructure that do not meet the capitalization threshold, such as street lights, sidewalks, signal improvements, paths and trails are not to be capitalized.

5) Construction in progress reflects the activity of capital assets which are substantially incomplete, such as buildings and roads. Each project must first be evaluated to determine whether it meets the capitalization threshold for the applicable asset class. Expenditures will then be added to the value of the capital asset as incurred. Projects should be reclassified to the appropriate asset class upon substantial completion.

6) Machinery and equipment is defined as any mechanical or electrical device that transmits or modifies energy to perform or assist in the performance of tasks. Equipment is defined as movable or fixed unit of furniture or furnishings, instrument, machine, or apparatus to be used for operations, the benefits of which extend beyond one year from date of acquisition. Examples of items to be capitalized as machinery and equipment include but are not limited to computers, communications equipment, office equipment, kitchen equipment, light machinery, phone system, tractors, loaders, backhoes, excavators, trailers, chippers, grinders, generators, and office furniture.

Computers will be excluded if they individually cost less than the threshold per unit of \$5,000. If the dollar amount exceeds the limit, those assets will be capitalized and depreciated. However, they will be inventoried for insurance purposes even if they are excluded for depreciation.

Computer software will not be capitalized unless it is proprietary.

7) Vehicles – will be identified, inventoried, and depreciated. When setting up the initial costs of the vehicle, lettering will be added to the cost of the vehicle. In addition, for the police and fire department, the cost of sirens, light bars etc. will be included as part of the cost of putting the car in service. In the case of moving existing sirens etc. that cost will be included as part of the initial cost associated with new purchases.



## 2-469.4 Capitalization Threshold and Useful Life

- a) The capitalization threshold is the dollar value the City uses to determine whether a given asset should be capitalized and reported on the balance sheet as a capital asset. The responsibility for protecting and controlling the use of capital assets rests with the department wherein the asset is located. The Finance Department shall ensure that control over capital assets is maintained by establishing a capital asset inventory that is updated annually and documents all additions and deletions to the capital asset records. Capital assets will be recorded and depreciated using the City's financial software and will include a description (including serial and model number if applicable), asset class, department name, location, date acquired, cost, and useful life. Assets that do not meet the capitalization threshold for their respective asset class on a per unit basis shall be expensed in the period incurred rather than being capitalized (see Property control).

<u>Asset Class</u>	<u>Capitalization Threshold (Dollars)</u>
Land	\$1
Land Improvements Other than Buildings	\$5,000
Building Improvements	\$5,000
Infrastructure	\$5,000
Construction in Progress	\$5,000
Machinery and Equipment	\$5,000
Vehicles	\$5,000

- b) The useful life of a capital asset is the estimate of the period over which the City expects said asset to be useful (normally the shortest of its physical, technological, or legal life). The actual life of a capital asset may extend beyond its useful life.
- c) The useful life of a fixed asset must be assigned according to Appendix A in this policy. The list is not all inclusive and is meant to serve as a guide. If an asset is not identified in the useful life listing, use the useful life of an asset as closely related to the asset as possible.

## 2-469.5 Depreciation

Depreciation is the measure of the decrease in the value of a capital asset over a specific period of time. If a new asset is put into service, the total estimated economic life is used for depreciation purposes. If a used asset is put into service, the remaining life will be used for depreciation purposes. Capital assets shall be depreciated over their estimated useful lives using the straight-line method beginning in the month it was acquired unless they are:

- Inexhaustible (i.e. land)
- Construction in progress

## 2-469.6 Additions

All capitalizable fixed assets will be approved in the budget process or by the city council before any fixed asset addition is acquired.

Purchase requisitions must be entered and approved by the appropriate city personnel in the computer system before any fixed asset is physically purchased.

## 2-469.7 Disposition

When a capital asset is disposed of, its cost and accumulated depreciation shall be removed from the City's capital asset records and a gain or loss be recognized, if

applicable. Disposition of an asset may be due to destruction, obsolescence, retirement, sale, trade, scrap, or donation. All capital assets must be taken to City Council for approval prior to disposition for items with a value over \$500. All City emblems must be removed from City property before disposal. The department will check grant requirements and comply before disposal on grant purchased assets.

#### **2-469.8 Transfers**

Capital assets transferred from one department to another should be reported by the department who is initiating the transfer. The asset shall be reported at its current book value as of the date of said transfer.

#### **2-469.9 Controllable assets**

The finance department will keep track of controllable assets that cost less than the capitalization level of five thousand dollars (\$5,000.00), but because of their sensitive, portable and theft-prone nature, controlling these items is important to the city. Tracking controllable assets includes adding it to the fixed asset system and tagging it with a unique tag that identifies it as a controllable asset. Any item that costs less than five thousand dollars (\$5,000.00) and more than one thousand dollars (\$1,000.00) but is more than a consumable item is a controllable asset. This could include a chair, telephone, printer, a table, etc.

Controllable assets will be expensed in the appropriate operational account number and would not be assigned to an asset class.

#### **2-469.10 Property Control**

Assets below the capitalization threshold and the controllable asset threshold but warranting control or considered sensitive may include, but are not limited to, weapons, radios, personal computers, laptop computers, printers, and small power tools. Stewardship of these minor but sensitive items is the express responsibility of the department utilizing these assets. The responsible department shall maintain control and keep an inventory list of these assets. The inventory shall include a description, location, and other information that assists in control or is deemed relevant.

#### **2-469.11 Betterments**

Major additions, including those that significantly prolong a fixed asset's economic life or expand its usefulness, should be capitalized. Normal repairs that merely maintain the asset in its present condition will be recorded as expenditures and should not be capitalized.

Life determination of assets affected in this manner becomes an average of the previous remaining life and the added life represented by the rehabilitation. The cost of the betterment is added to the book value and the total remaining undepreciated cost is allocated over the estimated remaining life.

If a component of an asset is replaced, the book value of the replaced component should be deleted from the books to prevent an overstatement of the asset's value.

#### **2-469.12 Physical inventory**

A physical inventory is designed to ensure that the fixed assets recorded in the system do physically exist; to determine whether unrecorded or improperly recorded transactions have occurred; and to identify any excess, defective, or obsolete assets on hand.

A physical inventory will be conducted by the departments each year.

Every three (3) years, the finance department will conduct a complete wall-to-wall physical inventory with the assistance of each department.

The land inventory will be listed by parcel number and/or lot, block, and tract. The use and location of the land will also be noted.

The building inventory will include a quantitative and qualitative description of each structure segregating basic building construction from heating, ventilating, air conditioning, roof, elevators, plumbing, lighting, floor and ceiling cover, and built-ins for component lifting purposes.

Land improvements other than buildings include all improvements made outside a building or any improvements made to a parcel of land.

Equipment will include a location, account, building, floor, department, description of the unit, manufacturer, model number, serial number, year acquired, the remaining life and the historical cost.

Vehicle will include a location, account, building, floor, department, description of the unit, year, make, model, vin, year acquired, the remaining life and the historical cost.

### **2-469.13 Tagging**

A tagging system is used to maintain a positive identification of assets owned by the city. Tagging is important for facilitating the inventory process, controlling an asset's location, and for maintaining fixed assets.

Asset identification tags will be provided by the Finance Department at the time the purchase is complete. Placement of tags should be consistent among fixed assets. In general, tags will be assigned in chronological order as assets are acquired.

All rolling stock shall have City of Lebanon decals or emblems, any exceptions must be approved by the City Administrator. All vehicles shall have City of Lebanon license plates.

**SECTION 2:** That the City Council of the City of Lebanon, Laclede County, Missouri, hereby amends the *City Code of Ordinances Chapter 2 Administration, Article VIII Finance* by repealing *Appendix A* in its entirety and enacting in lieu thereof and newly created *Appendix A* to read as follows;

### **APPENDIX A. - FIXED ASSET USEFUL LIFE LISTING**

FIXED ASSET TYPE	DESCRIPTION	USEFUL LIFE
LAND	Land	Not Applicable
	Land Right of Way	Not Applicable
IMPROVEMENT	Grading	20 years
	Paving	20 years
	Fencing and walls	20 years
	Curbs	20 years
	Drainage features	20 years



	Landscaping	20 years
	Lighting	20 years
	Other land improvements	20 years
BUILDING	Buildings	40 years
	Other structures and accessories	20 years
EQUIPMENT:		
COMMUNICATION	Radio and radio equipment portable	5 years
AND	Radio and radio equipment not portable	5 years
DOCUMENTATION	Television and audio visual equipment	5 years
EQUIPMENT	Telephone system and related equipment	7 years
	Teletype equipment	7 years
	Public address and intercom system	7 years
	Projection equipment	7 years
	Recording and sound equipment	5 years
	Telemetry and control	7 years
	Reference materials and books	5 years
	Data handling equipment	5 years
	Copier, printing and duplicating machinery	5 years
BUSINESS	Cash register	5 years
EQUIPMENT	Check writer/signer/protector	7 years
	Postal equipment	7 years
COMPUTER	Main frame equipment	5 years

EQUIPMENT	Computer printers	5 years
	CPUs with monitors	5 years
	Tape drive	5 years
	Distinct CPUs/disk drive	5 years
	Distinct modem	5 years
	Distinct monitors	5 years
	Plotter	5 years
	Software other than main frame software	3 years
	Main frame software	5 years
PRODUCTION	Compressor	10 years
AND REPAIR	Generator	10 years
EQUIPMENT	Conveyor	10 years
	Repair equipment specific to automotive	5 years
	Power tools	5 years
	Hand tools	5 years
HEATING AND	Air conditioning and dehumidifying	10 years
COOLING EQUIPMENT	Heaters and heating systems	10 years
FURNITURE	Small appliances (coffee dispenser)	5 years
AND	Large appliances (refrigerator, stove)	5 years
FIXTURES	Furniture/fixtures other than appliances	7 years
	Art works and exhibits	5—40 years
OTHER	Photographic equipment	5 years

DISTINCTIVE	Police lab equipment	5 years
EQUIPMENT	Survey equipment	5 years
	Lab equipment other than police lab	5 years
	Medical equipment	5 years
	Intelligence and surveillance equipment	5 years
	Radar equipment	5 years
	Weapons and restraining equipment	5 years
	Hoses and related equipment	5 years
	Specialized clothing	5 years
	Parking meters	8 years
WASTEWATER	1" to 3" water pipe	25 years
AND	4" to 48" all types water pipe	25 years
ENVIRONMENTAL	Valves—plug-gate/butterfly	35 years
EQUIPMENT	Valves—pressure reducing	10 years
	Valves—pressure relief	10 years
	Valves—check	15 years
	Valves—other	20 years
	Stand pipes	50 years
	Water tanks	50 years
	4" to 42" sewer system pipe	40 years
	4" to 12" sewer system pipe	20 years
	Outfall lines	30 years

	Pumps and motors	10 years
	Lift station—prefab material	20 years
	Lift station—power and service	10 years
	Manholes—brick and concrete	40 years
	Cleanouts	20 years
	Well	40 years
	Filtration system	10 years
	Process equipment	10 years
	Vaults	30 years
	Telemetry and control	10 years
	Tanks (underground and above ground)	15 years
	Basins/Ponds/Lagoons	15 years
	Hydrants	15 years
	Reservoirs	10 years
	Chlorination/odor control equipment	10 years
	Storm sewer pipe	40 years
	Pressure mains	10 years
	Meter pits	20 years
	8" to 24" Water system pipe	40 years
	2" to 6" Water system pipe	20 years
ELECTRIC	Structures and improvements	45 years
TRANSMISSION PLANT	Station equipment	30 years

	Towers and fixtures	50 years
	Overhead conductors and devices	50 years
	Underground conduit	50 years
	Underground conductors and device	40 years
	Roads and trails related to access	60 years
ELECTRIC	Structures and improvements	45 years
DISTRIBUTION PLANT	Station equipment	30 years
	Poles, towers and fixtures	35 years
	Overhead conductors and devices— wire-conduit pipe	50 years
	Underground conduit	50 years
	Underground conductors and device	40 years
	Line transformers and capacitors	30 years
	Services	30 years
	Meters	25 years
	Installations on customers' premises	25 years
	Street lighting and signal system	20 years
OPTICAL FIBER	Structures and improvements	25 Years
DISTRIBUTION PLANT	Poles lines, cable, aerial wire, underground conduits	25 Years
MOBILE	Forklift and accessories	10 years
EQUIPMENT	Grader	10 years
	Sanitation and semi-trucks	5 years
	Street marking equipment	5 years

	Mowers, seeders, weed/grass equipment	3 years
	Snowplows and snow removal equipment	10 years
	Spreaders	5 years
	Trailer mounted compressor	10 years
	Backhoe	10 years
	Sewer rodder	10 years
	Portable pumps	5 years
	Trailer mounted sewer machine	5 years
	Loader	10 years
	Asphalt pavers	10 years
	Street sweepers and cleaners	7 years
	Asphalt kettle	10 years
	Tractors and accessories	7 years
	Trailers	10 years
	Trenchers	5 years
	Mixers	5 years
	Motorcycles and scooters	5 years
	Police vehicles	3 years
	Fire trucks and accessories	15 years
	Light general purpose trucks, autos, and accessories	7 years
	Heavy general purpose trucks	10 years
	Ambulances and medical vehicles	7 years

	Other mobile equipment	5—15 years
	Chippers	5 years
	CCTV	7 years
RECREATION	Bleachers, benches, scoreboards	7 years
EQUIPMENT	Specific sports equipment	3 years
	Park equipment (swings, slides)	7 years
	Ball field lights	15 years
	Ball field fencing	15 years

**SECTION 3:** If any provision of this policy is declared unconstitutional, or the application thereof to any person or circumstance is held invalid, the constitutionality of the remainder of the policy and the applicability thereof to other persons and circumstances shall not be affected

**SECTION 4:** That this Ordinance shall be in full force and effect from and after the date of its passage and approval.

Passed and approved by the City Council of the City of Lebanon, Laclede County, Missouri, on this 23rd day of July, 2018.

(Seal)

Attest:

Laina Starnes  
City Clerk Laina Starnes

Mayor Jared Carr

1<sup>st</sup> Reading: July 9, 2018  
2<sup>nd</sup> Reading: July 23, 2018