

# CITY OF LEBANON

## ADOPTED CAPITAL IMPROVEMENT PLAN

FISCAL YEAR 2022-2026



AN ORDINANCE BY THE CITY COUNCIL OF THE CITY OF LEBANON, LACLEDE COUNTY, MISSOURI, (HEREINAFTER REFERRED TO AS "CITY") ADOPTING THE FISCAL YEAR 2021 BUDGET FOR THE PERIOD BEGINNING JULY 1, 2020 AND ENDING JUNE 30, 2021.

- WHEREAS*, that the City Council held a Work Session regarding the Fiscal Year 2021 Proposed Budget on May 21, 2020; *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 2022-2026 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 2021 Budget Public Hearing on June 8, 2020 *and*
- WHEREAS*, that the Fiscal Year 2021 Budget and the Capital Improvement Plan 2022-2026 were submitted to the City Council, for approval, by Council Bill No. 4987 at the June 8, 2020 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 2021 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 2022-2026. 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.

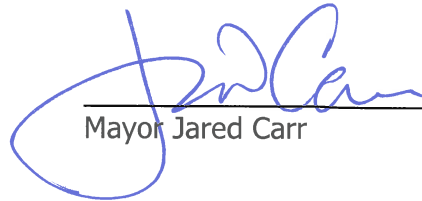
Passed and approved by the City Council of the City of Lebanon, Laclede County, Missouri, on this 8th day of June 2020.

(Seal)

Attest:



City Clerk Laina Starnes

  
\_\_\_\_\_  
Mayor Jared Carr

1<sup>st</sup> Reading: June 08, 2020  
2<sup>nd</sup> Reading: June 08, 2020



# Table of Contents

## **Overview**

Message .....	4
Introduction.....	5
How to Use This Document.....	11
Summary Information.....	12

## **Projects**

Airport.....	13
Cowan Civic Center and Fairgrounds.....	15
Code Administration.....	26
Electric Division.....	30
Facilities Management.....	64
Finance Department.....	69
Fire Department.....	71
Garage.....	81
Information Technology.....	89
Parks and Recreation Department.....	96
Police Department.....	111
Stormwater.....	119
Street Division.....	133
Wastewater Division.....	191
Water Division.....	215

## **Summary**

Capital Improvement Projects by Division FY 2022– 2026.....	244
---	-----

<b><u>Fixed Assets and Capitalization Policy</u></b> .....	255
--	-----

# 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 2022-2026 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 230 capital projects totaling \$58,671,498 million dollars between FY 2022 and FY 2026. A variety of instruments are used to finance these projects. Capital projects and acquisitions featured in the Fiscal Year 2021 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 \$1.8m 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.

**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.

**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 additional funding to 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.

**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

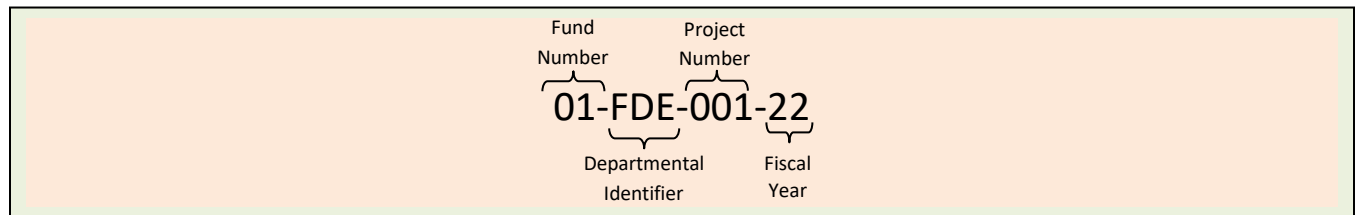
The Capital Improvement Plan is a five-year capital plan for infrastructure, parks, and facility improvements crucial to livability within the City. The purpose of instituting this annual capital review process is to provide the governing body and the community opportunities to discuss capital needs 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:

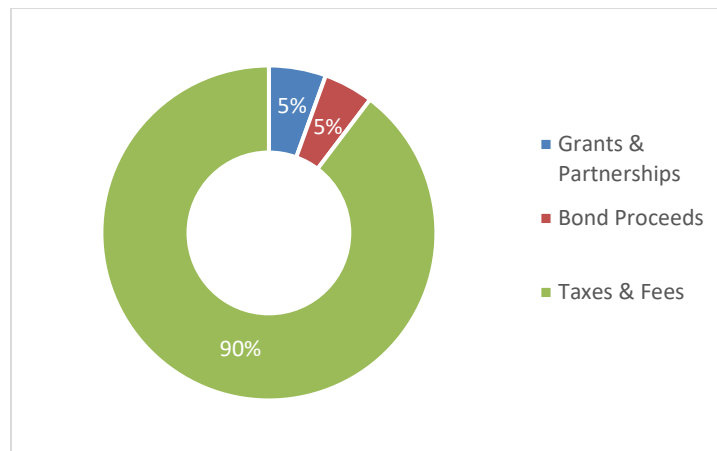


The fiscal year represents the first-year work will occur on the project at the time of the project's inclusion in the CIP. This allows the reader to see projects that have been deferred over multiple years as well as projects that are ongoing or require multi-year phases.

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	FY2022	FY2023	FY2024	FY2025	FY2026	Total
Airport	\$175,000	\$683,500	\$683,500	\$683,500	\$683,500	\$2,909,000
Civic Center	\$399,000	\$42,000	\$42,000	\$42,000	\$42,000	\$567,000
Code Administration	\$15,500	\$5,550	\$5,550	\$5,550	\$5,550	\$37,700
Electric	\$5,393,100	\$2,014,000	\$8,513,700	\$6,791,000	\$7,207,700	\$29,919,500
Finance	\$0	\$0	\$5,000	\$2,500	\$0	\$7,500
Fire	\$3,136,600	\$167,000	\$90,000	\$90,000	\$90,000	\$3,573,600
Garage	\$76,000	\$15,000	\$0	\$30,000	\$38,000	\$159,000
General	\$42,500	\$116,500	\$116,500	\$116,500	\$116,500	\$508,500
Information Technology	\$36,000	\$46,500	\$5,000	\$2,500	\$0	\$90,000
Parks	\$150,000	\$648,500	\$265,000	\$396,000	\$85,000	\$1,544,500
Police	\$313,000	\$44,000	\$313,000	\$248,000	\$86,000	\$1,004,000
Storm Water	\$220,000	\$220,000	\$170,000	\$160,000	\$210,000	\$980,000
Street	\$1,979,055	\$1,241,385	\$658,448	\$1,216,350	\$1,304,460	\$6,399,698
WasteWater	\$1,752,000	\$1,054,000	\$1,022,500	\$1,201,500	\$1,083,000	\$6,113,000
Water	\$998,000	\$311,000	\$33,500	\$63,500	\$3,452,500	\$4,858,500
<b>TOTAL</b>	<b>\$14,685,755</b>	<b>\$6,608,935</b>	<b>\$11,923,698</b>	<b>\$11,048,900</b>	<b>\$14,404,210</b>	<b>\$58,671,498</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

## Overview

The Airport serves as a gateway to Lebanon for general aviators, corporate pilots, and special events. Featuring a 5,000 ft runway at an elevation of 1,320.7 ft, the airport is an important community asset, attracting visitors and regular travelers alike. Several major employers in Lebanon make regular use of the airport and the services it offers. Pilots are frequently impressed with the knowledgeable staff, friendly atmosphere, and accessibility to the community. In 2015, Lebanon formalized an agreement with AVFuel to become a branded partner. The City offers additional benefits to pilots participating in the AVTrip and contract fuel programs.

### Funding

Capital improvement projects at the airport are generally funded using one or a combination of the Airport Fund, General Fund, Capital Improvement tax revenues, and state and federal grants.

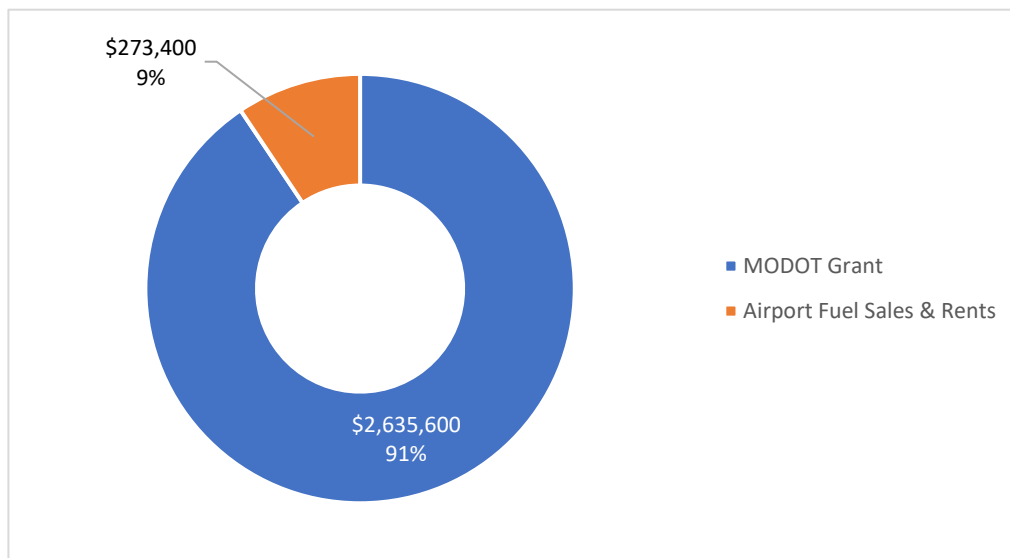
The Airport Fund is responsible for the operation of the Floyd W. Jones Airport. It is comprised of revenue from hangar and ground leases, aviation fuel sales, and state and federal grants.

The Missouri Department of Transportation Aviation Division serves as the primary vehicle for state and federal grant dollars. Lebanon receives entitlement funds each year that are paired with local matching dollars to fund large-scale capital improvements, such as the upcoming runway mill and overlay.

### Projects

Capital projects for the Airport are based on a combination of staff-identified needs, ongoing maintenance requirements, Airport Advisory Board advice, and approved MODOT Master Plans. The City is currently working with MODOT to begin the process of creating a new Master Plan in 2020.

### Project Funding Source



# 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 airport's future and serve to guide city staff in the development of the airport.

Funding Source	2022	2023	2024	2025	2026	Total
Airport Fuel Sales & Rents	\$0	\$0	\$0	\$0	\$0	\$0
MODOT Grant	\$175,000	\$0	\$0	\$0	\$0	\$175,000
						\$0
Project Totals	\$175,000	\$0	\$0	\$0	\$0	\$175,000

# 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	2022	2023	2024	2025	2026	Total
Airport Fuel Sales & Rents	\$0	\$68,350	\$68,350	\$68,350	\$68,350	\$273,400
MODOT Grant	\$0	\$615,150	\$615,150	\$615,150	\$615,150	\$2,460,600
						\$0
Project Totals	\$0	\$683,500	\$683,500	\$683,500	\$683,500	\$2,734,000



# Civic Center

## Overview

The Cowan Civic Center is one of the premiere event locations in all of the Ozarks. The main building is a multipurpose facility that can accommodate an incredible range of events, including weddings, conventions, sporting events, business meetings, and more. In addition to housing a YMCA which manages a full gym and workout facility with a recreational pool, the Cowan Civic Center features a 675-seat theater capable of hosting concerts, recitals, plays, and musicals alike.

In addition to the main facility, the site also features two buildings, the Mills Center and Wallace Center, available for rent to accommodate smaller events, such as meetings, wedding receptions, and more.

Finally, the Laclede County Fair is proudly hosted annually at the fairgrounds adjacent to the CCC facilities. The fairgrounds include an open-air show arena and a dirt stadium. The Lebanon Agricultural Legacy Center, a new blended open-air and indoor climate controlled facility to host additional agricultural events and multiuse facility, was completed in FY 2018

### Funding

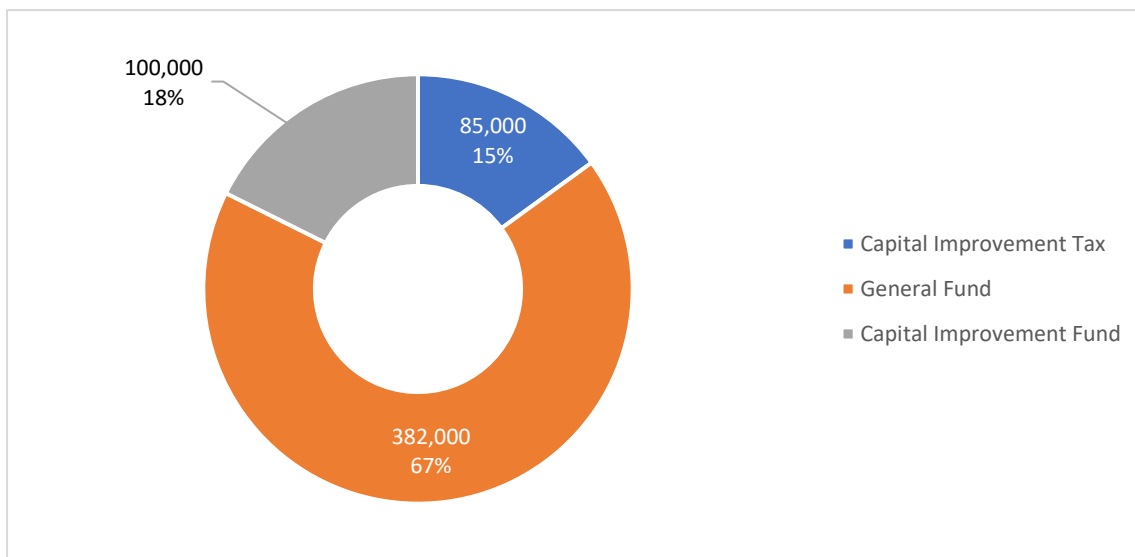
Capital improvement projects at the CCC and surrounding facilities are generally funded using either the General Fund or Capital Improvement tax revenue.

### Projects

Capital projects for the Cowan Civic Center facilities are based on a combination of staff-identified needs, ongoing maintenance requirements, public requests, and approved facility plans.

Capital projects for the fairgrounds are based on staff identified needs, ongoing maintenance requirements, and suggestions from the Laclede County Fair Board.

### Project Funding Sources



# Civic Center

## Replace Computer Systems/Wireless

**Project Number** 01-CCC-001-19

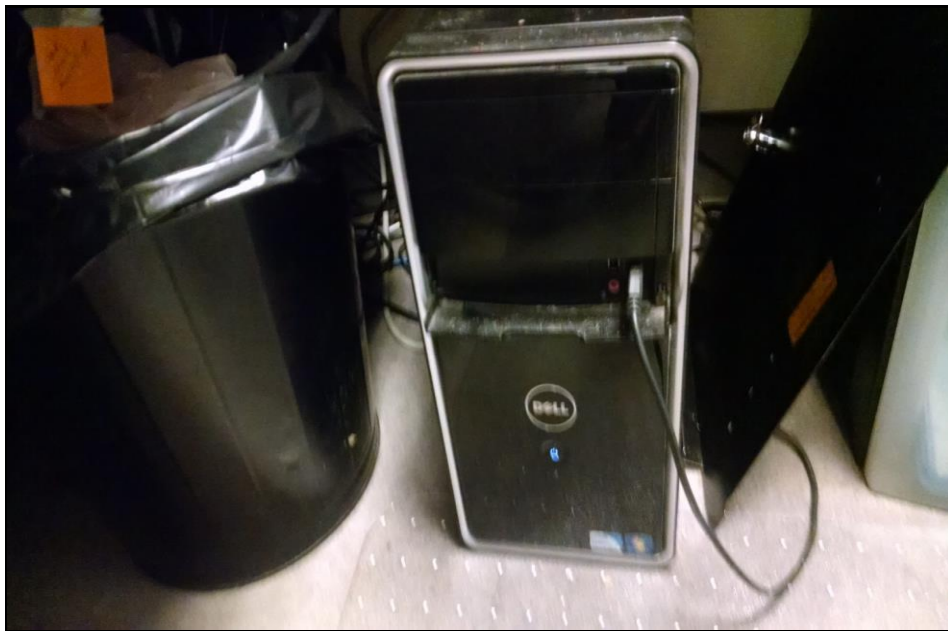
**Improvement Type** Machinery & Equipment

**Division** 01 - 130 - Civic Center

**Description** Replacement of existing desktops and laptops with Win 7

**Justification** Current computers have reached end of life. Normal life due to technology is 4-5 years. CCC computers will be 8 years old and were upgraded in 2014 to Win 7. The City is migrating to Win 10, and most systems will have a harder time computing as applications evolve. The new 64-bit Win 10 systems will run quicker and process data

Funding Source	2022	2023	2024	2025	2026	Total
General Fund	\$4,000	\$0	\$0	\$0	\$0	\$4,000
						\$0
						\$0
Project Totals	\$4,000	\$0	\$0	\$0	\$0	\$4,000



# Civic Center

## Replacement of CCC Office Furniture

**Project Number** 01-CCC-002-22

**Improvement Type** Furniture & Office Equipment

**Division** 01 - 130 - Civic Center

**Description** Replace of copy machine, desks, chairs, and bookshelves that are 18 years old

**Justification** Most of the office furniture is what was originally purchased. The copy machine is a Sharp 1996 model and was refurbished when purchased 12 years ago. Some of the current furniture was acquired after the City Hall remodel, so not all furniture matches. Conference Room chairs are old council chairs that were in storage.

Funding Source	2022	2023	2024	2025	2026	Total
General Fund	\$60,000	\$0	\$0	\$0	\$0	\$60,000
						\$0
						\$0
Project Totals	\$60,000	\$0	\$0	\$0	\$0	\$60,000



# Civic Center

## Replace 2005 Boom Lift

**Project Number** 01-CCC-003-22

**Improvement Type** Machinery & Equipment

**Division** 01 - 130 - Civic Center

**Description** Replacement of 2005 60' boom lift

**Justification** Current boom lift will be 17 years old. Repairs will be very costly and unit will need replaced. While this equipment has been maintained and will continue to be, many of the internal parts have significant wear and will have considerable cost associated with repair or replacement. Lift is used for replacement of lights, Christmas

Funding Source	2022	2023	2024	2025	2026	Total
General Fund	\$150,000	\$0	\$0	\$0	\$0	\$150,000
						\$0
						\$0
Project Totals	\$150,000	\$0	\$0	\$0	\$0	\$150,000



# Civic Center

## On 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	2022	2023	2024	2025	2026	Total
General Fund	\$0	\$30,000	\$30,000	\$30,000	\$30,000	\$120,000
						\$0
						\$0
Project Totals	\$0	\$30,000	\$30,000	\$30,000	\$30,000	\$120,000



# 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	2022	2023	2024	2025	2026	Total
General Fund	\$0	\$12,000	\$12,000	\$12,000	\$12,000	\$48,000
						\$0
						\$0
Project Totals	\$0	\$12,000	\$12,000	\$12,000	\$12,000	\$48,000



# Civic Center

## Replace Multi Purpose 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	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	\$100,000	\$0	\$0	\$0	\$0	\$100,000
						\$0
						\$0
Project Totals	\$100,000	\$0	\$0	\$0	\$0	\$100,000



# Civic Center

## Replacement of Gas Fired Pool Heater

**Project Number** 22-CCC-001-22

**Improvement Type** Machinery & Equipment

**Division** 22 - 605 - General

**Description** Replacement of gas fired pool heater for indoor pool

**Justification** Existing pool heater will be eight years old in 2022. Normal life expectancy is 7 years. Replacement is necessary to maintain water temperature and energy conservation

Funding Source	2022	2023	2024	2025	2026	Total
Capital Improvement Tax	\$30,000	\$0	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$30,000	\$0	\$0	\$0	\$0	\$30,000



# Civic Center

## Upgrade of UV System of CCC Pool

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

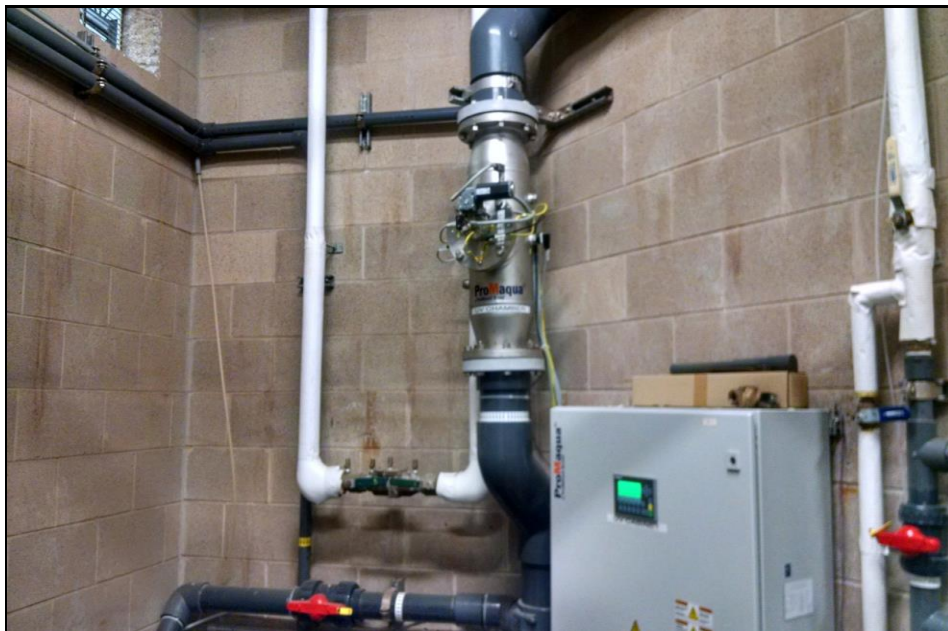
**Improvement Type** Machinery & Equipment

**Division** 22 - 605 - General

**Description** Replacement of UV system for indoor pool.

**Justification** Existing UV system will be eight years old in 2022. UV systems are fairly new to the pool industry, so life expectancy is uncertain. Replacement is necessary to maintain chemical balance and water quality of pool.

Funding Source	2022	2023	2024	2025	2026	Total
Capital Improvement Tax	\$15,000	\$0	\$0	\$0	\$0	\$15,000
						\$0
						\$0
Project Totals	\$15,000	\$0	\$0	\$0	\$0	\$15,000



# Civic Center

## Rebuild Paddock Water Filter for CCC Pool

**Project Number** 22-CCC-003-22

**Improvement Type** Machinery & Equipment

**Division** 22 - 605 - General

**Description** Replacement of filter system for indoor pool.

**Justification** Filtration system will need to be rebuilt in 2022 when it will be 8 years old. The current high quality system could last longer than expected but anything can happen. The system has been problem free since installation and it is recommended to rebuild rather than replace this system.

Funding Source	2022	2023	2024	2025	2026	Total
Capital Improvement Tax	\$40,000	\$0	\$0	\$0	\$0	\$40,000
						\$0
						\$0
Project Totals	\$40,000	\$0	\$0	\$0	\$0	\$40,000



# Code Administration

## Overview

Code Administration is responsible for the administration and enforcement of building codes, zoning regulations, and subdivision regulations as set forth by the City Council. This includes permitting, regulating construction, and use or occupancy of buildings and structures.

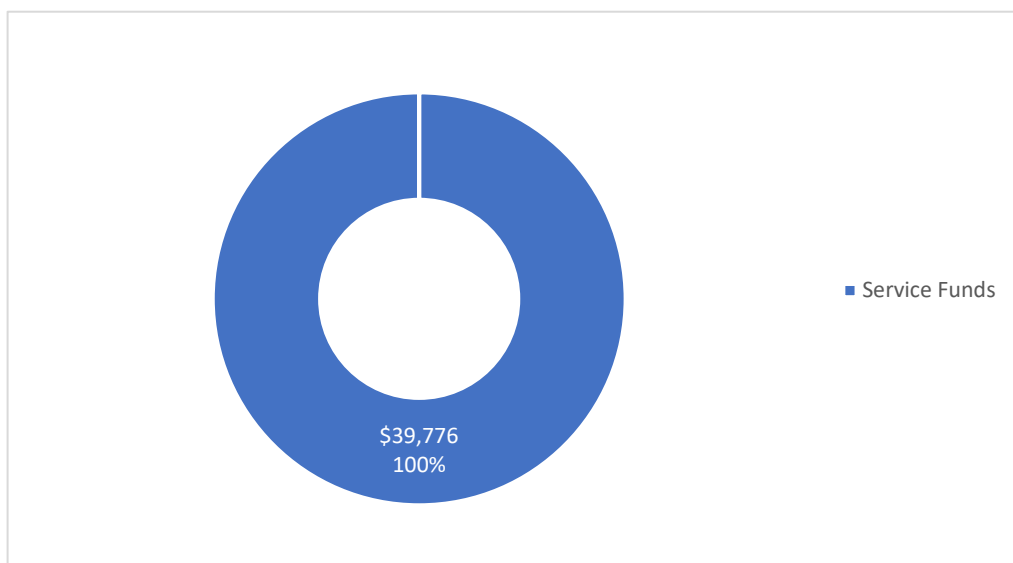
### Funding

Capital improvement projects for Code Administration are generally funded by funds in which they perform services for such as; the General, Street, Electric, Water, and Wastewater Funds or Capital Improvement tax revenue.

### Projects

Capital projects for Code Administration are based on a combination of staff-identified needs focused on enhancing services to our citizen and outside contractor customers.

### Project Funding Sources



# 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	2022	2023	2024	2025	2026	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



# 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	2022	2023	2024	2025	2026	Total
Service Funds	\$0	\$2,550	\$2,550	\$2,550	\$2,550	\$10,200
						\$0
						\$0
Project Totals	\$0	\$2,550	\$2,550	\$2,550	\$2,550	\$10,200



# 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	2022	2023	2024	2025	2026	Total
Service Funds	\$12,500	\$0	\$0	\$0	\$0	\$12,500
						\$0
						\$0
Project Totals	\$12,500	\$0	\$0	\$0	\$0	\$12,500



# Electric

## Overview

The City of Lebanon has operated a municipal electric utility since the early 1900's. The Electric system for the City is made of 135 miles of 7.2 KV distribution and 40 miles of 69 KV transmission loop inter-connecting seven sub-stations to three 69KV transmission lines linking to the Show-Me Transmission network. The city provides electric to most citizens within city limits.

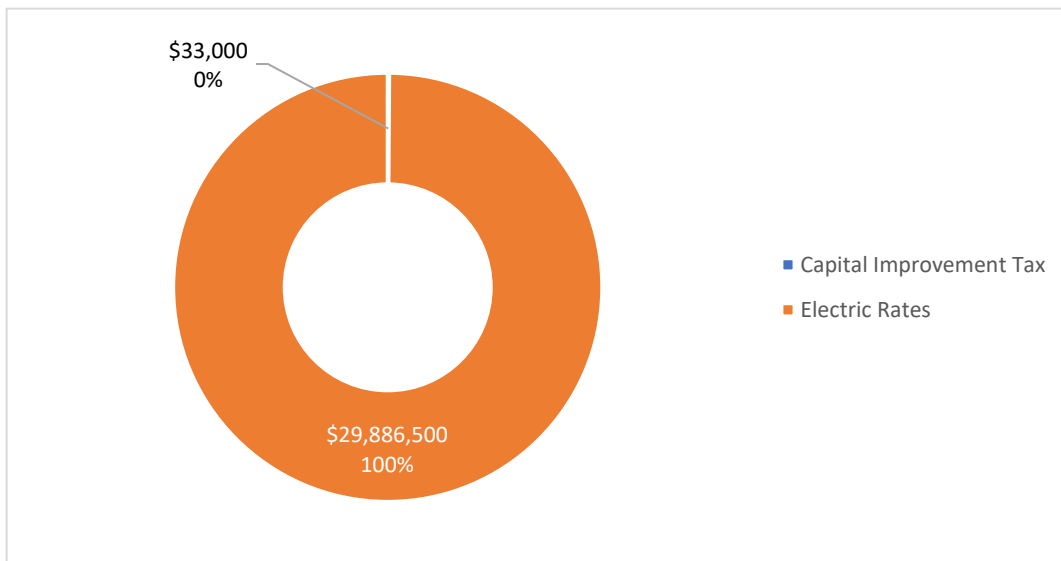
### Funding

Capital improvement projects for the Electric division are funded primarily using revenues generated from electric customer fees and rates.

### Projects

Capital projects for the Electric division are based on a combination of staff-identified needs, requests from City Council, customer needs, and ongoing maintenance requirements.

### Project Funding Source



# Electric

## Material Handler Bucket Truck

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

**Improvement Type** Machinery & Equipment

**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	2022	2023	2024	2025	2026	Total
Electric Rates	\$250,000	\$0	\$0	\$0	\$0	\$250,000
						\$0
						\$0
Project Totals	\$250,000	\$0	\$0	\$0	\$0	\$250,000



# Electric

## Department Pickups

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

**Improvement Type** Machinery & Equipment

**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	2022	2023	2024	2025	2026	Total
Electric Rates	\$0	\$40,000	\$40,000	\$40,000	\$40,000	\$160,000
						\$0
						\$0
Project Totals	\$0	\$40,000	\$40,000	\$40,000	\$40,000	\$160,000



## Replace Existing Computer Systems

**Project Number** 80-ELF-001-20

**Improvement Type** Furniture & Office Equipment

**Division** 80 - 200 - Electric Operating

**Description** Replacement of desktops or laptops

**Justification** Current systems will have reached their end of life based on usage and capitalization policy. As the Electric Division continues to operate in the field and develop and or use software suites, more computing power will be needed. The current systems were purchased in 2016 and 2017

Funding Source	2022	2023	2024	2025	2026	Total
Electric Rates	\$6,500	\$0	\$0	\$0	\$0	\$6,500
						\$0
						\$0
Project Totals	\$6,500	\$0	\$0	\$0	\$0	\$6,500



# Electric

## 80 Ft. Bucket Truck

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

**Improvement Type** Machinery & Equipment

**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	2022	2023	2024	2025	2026	Total
Electric Rates	\$0	\$350,000	\$350,000	\$350,000	\$350,000	\$1,400,000
						\$0
						\$0
Project Totals	\$0	\$350,000	\$350,000	\$350,000	\$350,000	\$1,400,000



# Electric

## 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	2022	2023	2024	2025	2026	Total
Capital Improvement Tax	\$16,500	\$16,500	\$0	\$0	\$0	\$33,000
						\$0
						\$0
Project Totals	\$16,500	\$16,500	\$0	\$0	\$0	\$33,000



# Electric

## Small Bucket Truck

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

**Improvement Type** Machinery & Equipment

**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	2022	2023	2024	2025	2026	Total
Electric Rates	\$250,000	\$0	\$0	\$0	\$0	\$250,000
						\$0
						\$0
Project Totals	\$250,000	\$0	\$0	\$0	\$0	\$250,000



# Electric

## 161 Substations and Transmission

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

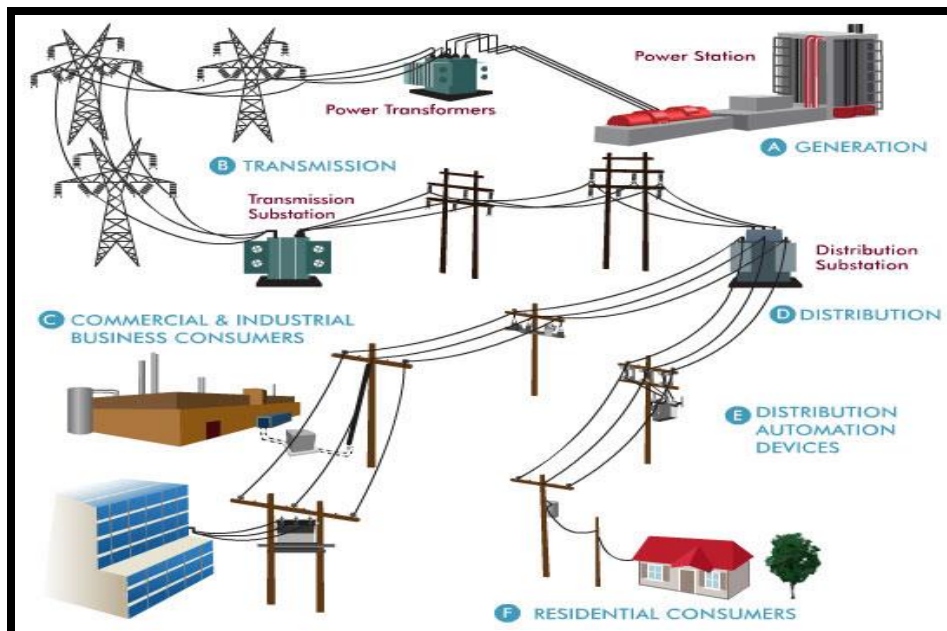
**Improvement Type** Building & Building Improvements

**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	2022	2023	2024	2025	2026	Total
Electric Rates	\$0	\$0	\$5,000,000	\$5,000,000	\$5,000,000	\$15,000,000
						\$0
						\$0
Project Totals	\$0	\$0	\$5,000,000	\$5,000,000	\$5,000,000	\$15,000,000



# Electric

## 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	2022	2023	2024	2025	2026	Total
Electric Rates	\$600,000	\$600,000	\$0	\$0	\$0	\$1,200,000
						\$0
						\$0
Project Totals	\$600,000	\$600,000	\$0	\$0	\$0	\$1,200,000



# Electric

## Line Reconductor/Extensions-Michigan/Monroe

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

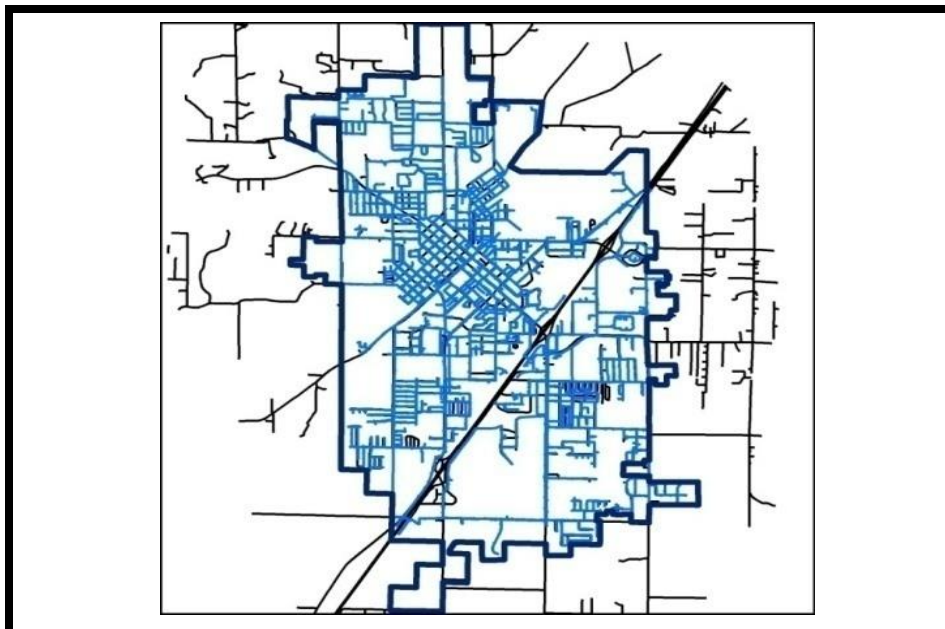
**Improvement Type** Land & Land Improvements

**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	2022	2023	2024	2025	2026	Total
Electric Rates	\$600,000	\$0	\$0	\$0	\$0	\$600,000
						\$0
						\$0
Project Totals	\$600,000	\$0	\$0	\$0	\$0	\$600,000



# Electric

## 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	2022	2023	2024	2025	2026	Total
Electric Rates	\$30,000	\$30,000	\$30,000	\$30,000	\$0	\$120,000
						\$0
						\$0
Project Totals	\$30,000	\$30,000	\$30,000	\$30,000	\$0	\$120,000



## Substation Transformer Upgrades

<b>Project Number</b>	80-ELF-019-21
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	80 - 215 - Electric Reserve
<b>Description</b>	Replacement recommendation of existing transformers in substations #5, #6, and #7.
<b>Justification</b>	The transformers in substations 5, 6 & 7 are approximately 30+ years old and 7.4MW. Upgrading to new transformers at 10MW will increase reliability, improve system longevity and decrease maintenance costs.

Funding Source	2022	2023	2024	2025	2026	Total
Electric Rates	\$100,000	\$0	\$0	\$0	\$0	\$100,000
						\$0
						\$0
Project Totals	\$100,000	\$0	\$0	\$0	\$0	\$100,000



# Electric

## Single Phase Reclosers

**Project Number** 80-ELF-023-21

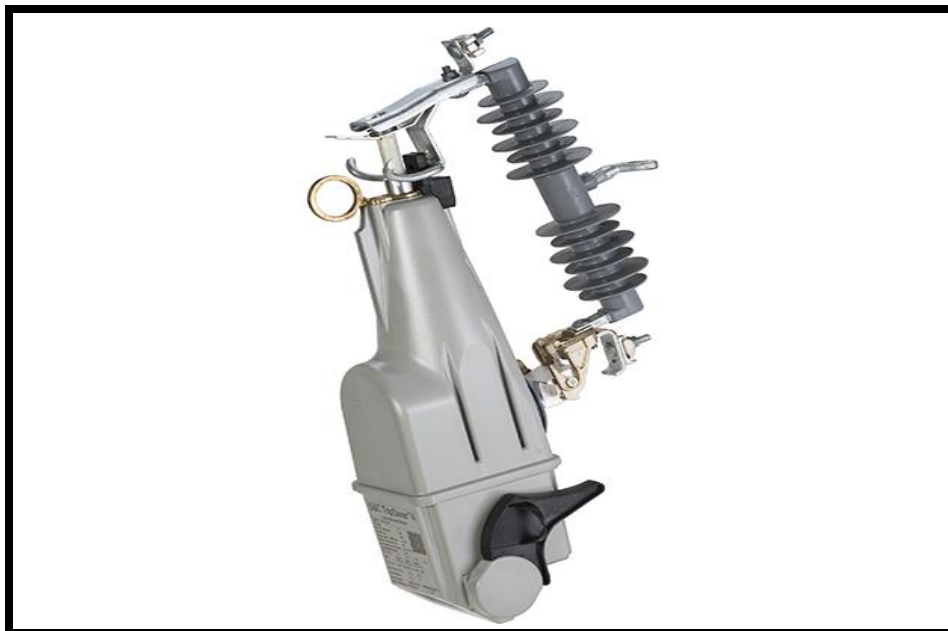
**Improvement Type** Machinery & Equipment

**Division** 80 - 215 - Electric Reserve

**Description** Purchase and install single phase recloser fuses.

**Justification** These will be installed throughout our entire electrical system. The recloser devices will add system reliability in a single-phase application. They will reduce labor and maintenance costs due to fewer tree/small animal related outages.

Funding Source	2022	2023	2024	2025	2026	Total
Electric Rates	\$25,000	\$0	\$0	\$0	\$0	\$25,000
						\$0
						\$0
Project Totals	\$25,000	\$0	\$0	\$0	\$0	\$25,000



# Electric

## Overhead Aerial Cable Project - Woodhill Drive

<b>Project Number</b>	80-ELF-008-21
<b>Improvement Type</b>	Building & Building Improvements
<b>Division</b>	80 - 215 - Electric Reserve
<b>Description</b>	Replace 9,263 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	2022	2023	2024	2025	2026	Total
Electric Rates	\$50,000	\$0	\$0	\$0	\$0	\$50,000
						\$0
						\$0
Project Totals	\$50,000	\$0	\$0	\$0	\$0	\$50,000

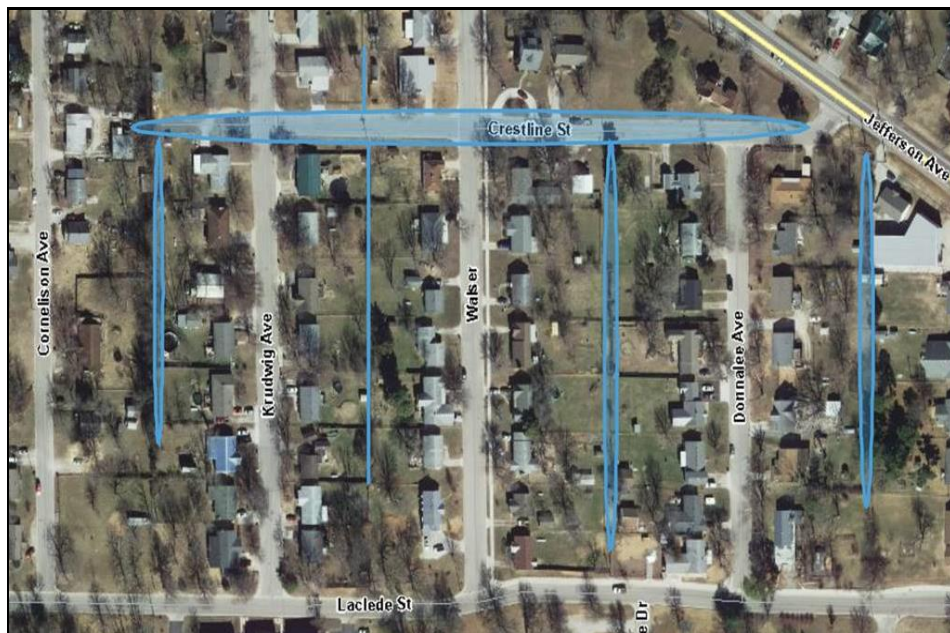


# Electric

## Overhead Aerial Cable project - Krudwig Avenue, Walser and Donnalee Avenue

<b>Project Number</b>	80-ELF-009-21
<b>Improvement Type</b>	Building & Building Improvements
<b>Division</b>	80 - 215 - Electric Reserve
<b>Description</b>	Replace 7,525 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	2022	2023	2024	2025	2026	Total
Electric Rates	\$50,000	\$0	\$0	\$0	\$0	\$50,000
						\$0
						\$0
Project Totals	\$50,000	\$0	\$0	\$0	\$0	\$50,000



# 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	2022	2023	2024	2025	2026	Total
Electric Rates	\$1,500,000	\$0	\$1,000,000	\$1,000,000	\$0	\$3,500,000
						\$0
						\$0
Project Totals	\$1,500,000	\$0	\$1,000,000	\$1,000,000	\$0	\$3,500,000



# Electric

## 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	2022	2023	2024	2025	2026	Total
Electric Rates	\$800,000	\$0	\$0	\$0	\$0	\$800,000
						\$0
						\$0
Project Totals	\$800,000	\$0	\$0	\$0	\$0	\$800,000



# Electric

## 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	2022	2023	2024	2025	2026	Total
Electric Rates	\$38,000	\$0	\$0	\$0	\$0	\$38,000
						\$0
						\$0
Project Totals	\$38,000	\$0	\$0	\$0	\$0	\$38,000



# 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	2022	2023	2024	2025	2026	Total
Electric Rates	\$917,100	\$0	\$0	\$0	\$0	\$917,100
						\$0
						\$0
Project Totals	\$917,100	\$0	\$0	\$0	\$0	\$917,100



# Electric

## 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 two (2) 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	2022	2023	2024	2025	2026	Total
Electric Rates	\$160,000	\$0	\$0	\$0	\$0	\$160,000
						\$0
						\$0
Project Totals	\$160,000	\$0	\$0	\$0	\$0	\$160,000



# Electric

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

<b>Project Number</b>	80-ELF-006-21
<b>Improvement Type</b>	Building & Building Improvements
<b>Division</b>	80 - 215 - Electric Reserve
<b>Description</b>	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
<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	2022	2023	2024	2025	2026	Total
Electric Rates	\$0	\$30,000	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$0	\$30,000	\$0	\$0	\$0	\$30,000



# Electric

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

<b>Project Number</b>	80-ELF-010-21
<b>Improvement Type</b>	Building & Building Improvements
<b>Division</b>	80 - 215 - Electric Reserve
<b>Description</b>	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
<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	2022	2023	2024	2025	2026	Total
Electric Rates	\$0	\$30,000	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$0	\$30,000	\$0	\$0	\$0	\$30,000



# Electric

## Primary System Improvements - Substation #6

**Project Number** 80-ELX-003-21

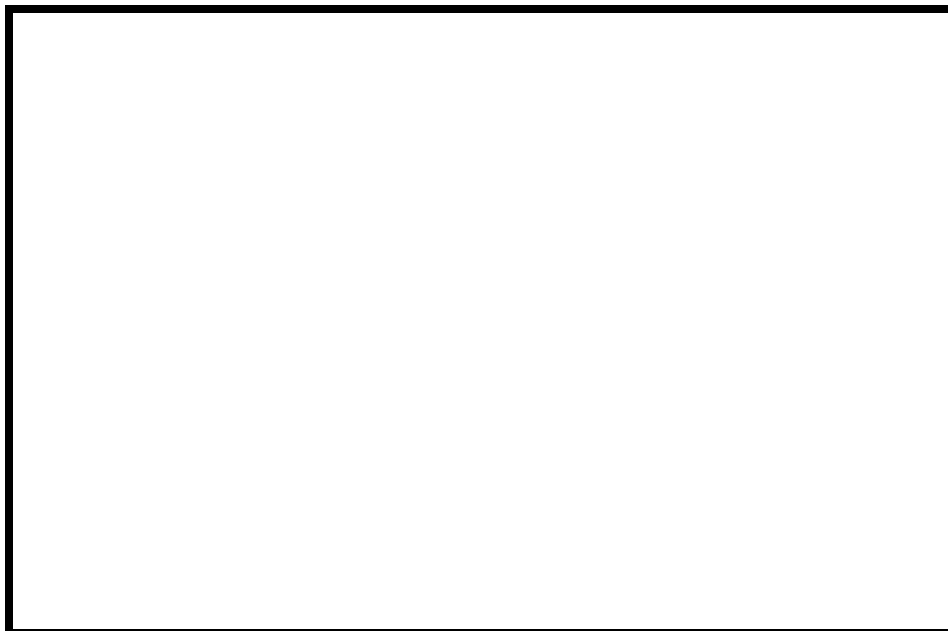
**Improvement Type** Land & Land Improvements

**Division** 80 - 215 - Electric Reserve

**Description** Convert existing conductor on Substation 6 Feeder 68, approximately 0.96 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 overloading of conductors during a contingency.

Funding Source	2022	2023	2024	2025	2026	Total
Electric Rates	\$0	\$797,500	\$0	\$0	\$0	\$797,500
						\$0
						\$0
Project Totals	\$0	\$797,500	\$0	\$0	\$0	\$797,500



# Electric

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

<b>Project Number</b>	80-ELF-011-21
<b>Improvement Type</b>	Building & Building Improvements
<b>Division</b>	80 - 215 - Electric Reserve
<b>Description</b>	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
<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	2022	2023	2024	2025	2026	Total
Electric Rates	\$0	\$0	\$30,000	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$0	\$0	\$30,000	\$0	\$0	\$30,000



# Electric

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

**Project Number** 80-ELF-012-21

**Improvement Type** Building & Building Improvements

**Division** 80 - 215 - Electric Reserve

**Description** 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

**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	2022	2023	2024	2025	2026	Total
Electric Rates	\$0	\$0	\$30,000	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$0	\$0	\$30,000	\$0	\$0	\$30,000



# Electric

## 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	2022	2023	2024	2025	2026	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



# Electric

## 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	2022	2023	2024	2025	2026	Total
Electric Rates	\$0	\$0	\$957,100	\$0	\$0	\$957,100
						\$0
						\$0
Project Totals	\$0	\$0	\$957,100	\$0	\$0	\$957,100



# 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	2022	2023	2024	2025	2026	Total
Electric Rates	\$0	\$0	\$0	\$371,000	\$0	\$371,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$371,000	\$0	\$371,000



# Electric

## 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	2022	2023	2024	2025	2026	Total
Electric Rates	\$0	\$0	\$0	\$0	\$140,000	\$140,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$140,000	\$140,000



# Electric

## 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	2022	2023	2024	2025	2026	Total
Electric Rates	\$0	\$0	\$0	\$0	\$153,000	\$153,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$153,000	\$153,000



# Electric

## 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	2022	2023	2024	2025	2026	Total
Electric Rates	\$0	\$0	\$0	\$0	\$600,000	\$600,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$600,000	\$600,000



## Substation Improvements - Substation #5

**Project Number** 80-ELX-015-21

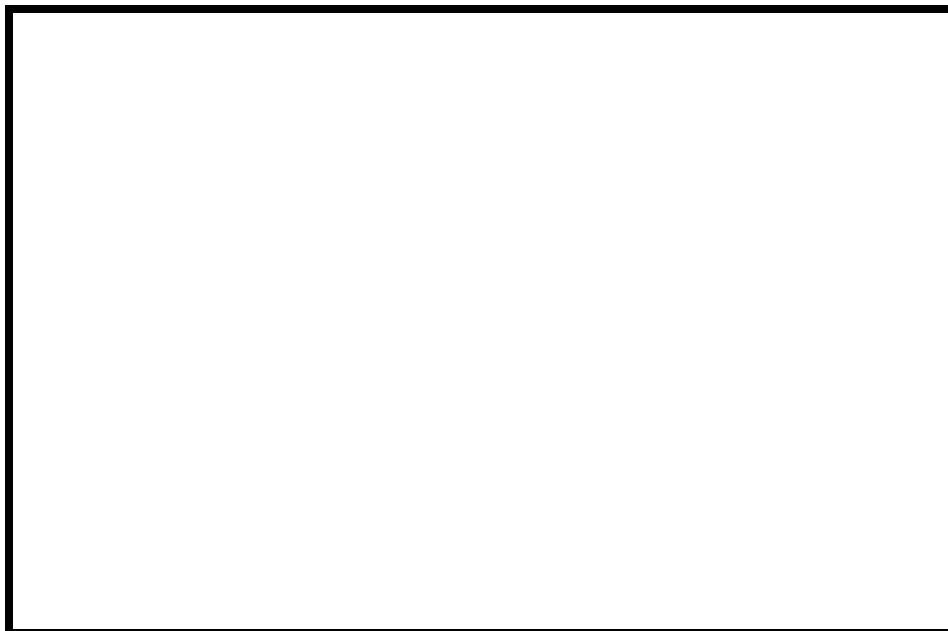
**Improvement Type** Machinery & Equipment

**Division** 80 - 215 - Electric Reserve

**Description** Replace transformer #1 with 10 MVA unit from Substation #3 transformer upgrade

**Justification** 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	2022	2023	2024	2025	2026	Total
Electric Rates	\$0	\$0	\$0	\$0	\$100,000	\$100,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$100,000	\$100,000



# Electric

## Primary System Improvements - Substation #6

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

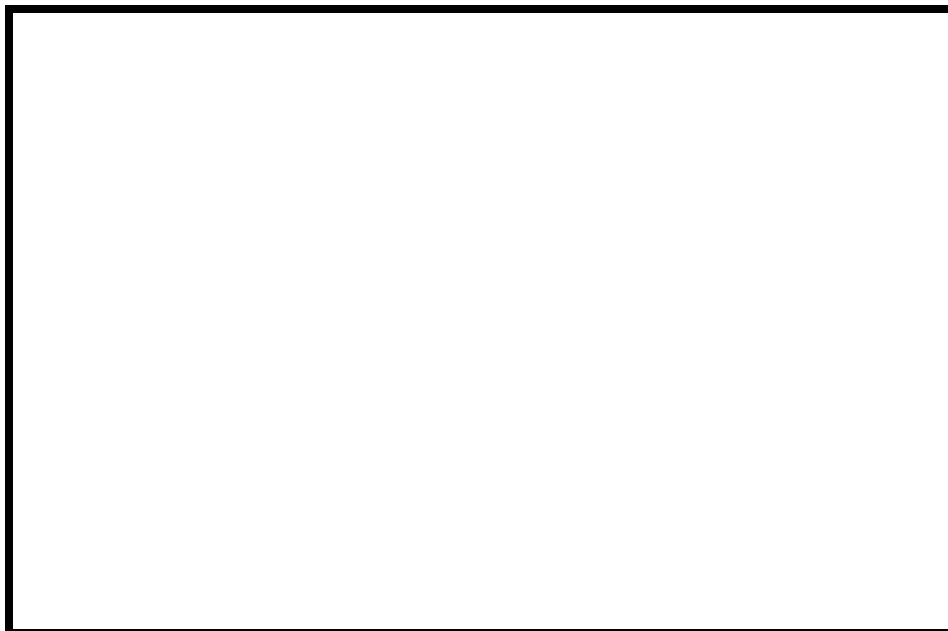
**Improvement Type** Land & Land Improvements

**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	2022	2023	2024	2025	2026	Total
Electric Rates	\$0	\$0	\$0	\$0	\$201,000	\$201,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$201,000	\$201,000



# Electric

## 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	2022	2023	2024	2025	2026	Total
Electric Rates	\$0	\$0	\$0	\$0	\$623,700	\$623,700
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$623,700	\$623,700



# Facilities Management

## Overview

Facilities Management's primary mission is to maintain and improve City property and grounds. This encompasses a diverse set of responsibilities including, but not limited to, mowing right-of-way, plowing snow, maintaining downtown landscaping, maintaining landscaping at City Hall and Public Works, hanging Christmas decorations, performing routine maintenance on building mechanical systems, performing basic repairs to facilities, and more. Facilities Management is also responsible for planning the long-term mechanical and structural needs of City facilities. Capital projects for Facilities Management are intended to support the various labors of this division and to provide critical upgrades and maintenance for City facilities

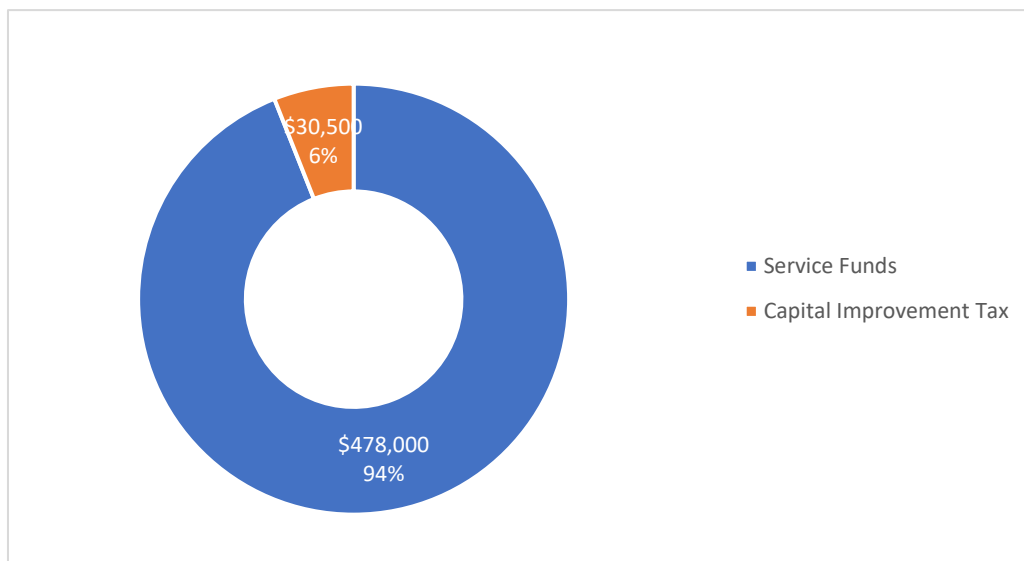
### Funding

Capital improvement projects for Facilities Management are funded by services performed for funds such as; General, Street, Economic Development, Airport, Downtown Business District, Parks, Electric, Water and Wastewater Funds and, using revenues from the Capital Improvement tax

### Projects

Capital projects for Facilities Management are based on a combination of staff identified needs and requests from City Council.

### Project Funding Source



# Facilities Management

## 60" Zero Turn Mower

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

**Improvement Type** Machinery & Equipment

**Division** 01 - 100 - General

**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	2022	2023	2024	2025	2026	Total
Service Funds	\$12,000	\$12,500	\$12,500	\$12,500	\$12,500	\$62,000
						\$0
						\$0
Project Totals	\$12,000	\$12,500	\$12,500	\$12,500	\$12,500	\$62,000



# Facilities Management

## Half Ton Pickup

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

**Improvement Type** Machinery & Equipment

**Division** 01 - 100 - General

**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	2022	2023	2024	2025	2026	Total
Service Funds	\$24,000	\$0	\$0	\$0	\$0	\$24,000
						\$0
						\$0
Project Totals	\$24,000	\$0	\$0	\$0	\$0	\$24,000



# Facilities Management

## 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	2022	2023	2024	2025	2026	Total
Service Funds	\$0	\$111,000	\$111,000	\$111,000	\$111,000	\$444,000
Trade-in of Existing Equipment	\$0	-\$13,000	-\$13,000	-\$13,000	-\$13,000	(\$52,000)
						\$0
Project Totals	\$0	\$98,000	\$98,000	\$98,000	\$98,000	\$392,000



# Facilities Managment

## 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	2022	2023	2024	2025	2026	Total
Capital Improvement Tax	\$6,500	\$6,000	\$6,000	\$6,000	\$6,000	\$30,500
						\$0
						\$0
Project Totals	\$6,500	\$6,000	\$6,000	\$6,000	\$6,000	\$30,500



# Finance

## Overview

The Finance Department ensures the accurate accounting, disbursement, and safeguarding of City funds by maintaining accounting and fixed asset records and issuing reports in conformance with generally accepted accounting principles. Services provided to the City's operating departments/divisions include procurement, financial reporting, debt management, investment management, payroll, accounts payable, capital asset control, budget management, inventory supply control, and accounts receivable. Finance also oversees the auditing of the City.

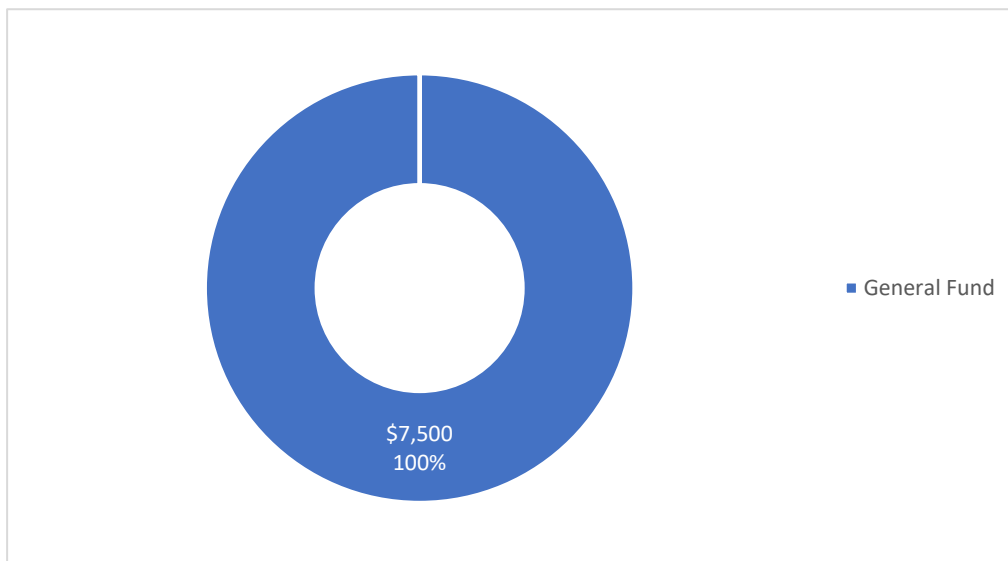
### Funding

Capital improvement projects for the Finance Department are funded primarily using revenues in the General Fund.

### Projects

Capital projects for the Finance Department are based on a combination of staff identified needs, requests from City Council, and customer needs

### Project Funding Sources



## Replace Existing Computer Systems

<b>Project Number</b>	01-FIN-001-19
<b>Improvement Type</b>	Furniture & Office Equipment
<b>Division</b>	01 - 170 - Finance Department
<b>Description</b>	Replacement of desktops or laptops with Win 7, 32-bit OS with current OS provided by Microsoft.
<b>Justification</b>	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	2022	2023	2024	2025	2026	Total
Electric, Water and Wastewater Funds	\$0	\$0	\$5,000	\$2,500	\$0	\$7,500
						\$0
						\$0
Project Totals	\$0	\$0	\$5,000	\$2,500	\$0	\$7,500



# Fire Department

## Overview

The City of Lebanon Fire Department is committed to providing the highest level of public safety to the community, visitors, and neighbors. The department protects lives and property through fire suppression, emergency medical care, technical rescue, hazardous material mitigation, disaster management, fire prevention and public education. Capital projects for the Fire Department provide vital equipment and facilities to support the mission of this department.

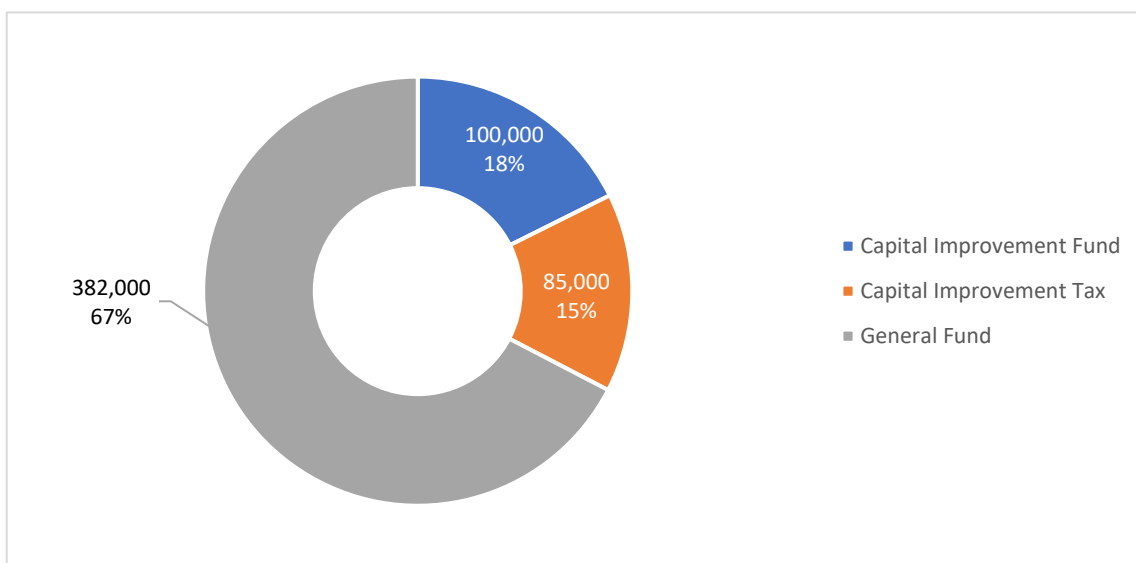
### Funding

Capital improvement projects for the Fire Department are funded using revenues from the Capital Improvement tax or General Fund.

### Projects

Capital projects for the Fire Department are based on a combination of staff identified needs, requests from City Council, and citizen needs.

### Project Source Funding



# Fire Department

## Traffic Control Signal Light Station 2

**Project Number** 01-FDE-013-16

**Improvement Type** Machinery & Equipment

**Division** 01 - 110 - Fire Department

**Description** Flashing traffic control signal

**Justification** Civilian traffic on South Highway 5 in front of Fire Station 2 frequently does not stop when a fire apparatus pulls out of the station responding to calls. Often apparatus is forced to set on the apron with lights and sirens on to allow vehicles to pass before they can leave the station. A traffic control device such as flashing warning lights

Funding Source	2022	2023	2024	2025	2026	Total
General Fund	\$0	\$30,000	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$0	\$30,000	\$0	\$0	\$0	\$30,000



# Fire Department

## LUCAS CPR Device

**Project Number** 01-FDE-002-22

**Improvement Type** Machinery & Equipment

**Division** 01 - 110 - Fire Department

**Description** LUCAS Automatic CPR Device

**Justification** High quality CPR is vital to survival of a sudden cardiac arrest event. Medical studies suggest that maintaining high quality CPR during an event can be physically taxing on first responders and CPR is stopped too often during cardiac arrest events. The ability to maintain the compression rates required to maintain the heart and other critical

Funding Source	2022	2023	2024	2025	2026	Total
General Fund	\$30,000	\$0	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$30,000	\$0	\$0	\$0	\$0	\$30,000



# Fire Department

## Fire Station LED Signage

**Project Number** 01-FDE-006-21

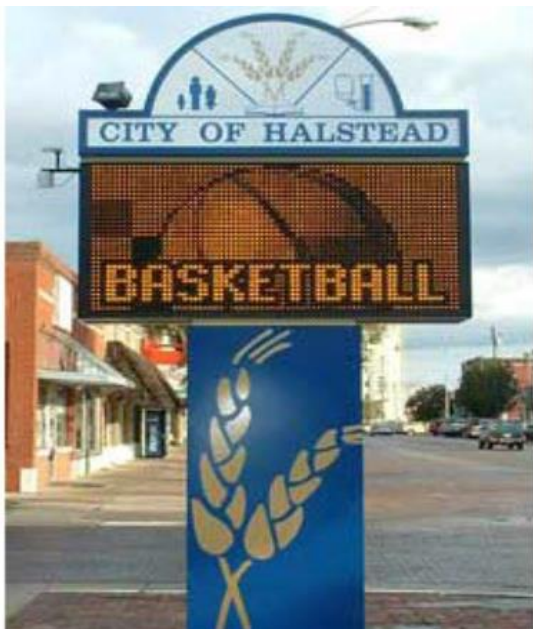
**Improvement Type** Building & Building Improvements

**Division** 01 - 110 - Fire Department

**Description** Purchase and installation of LED sign at each fire station

**Justification** The fire stations are not identified with signage along the roadway. The purpose of the signage is to provide an additional avenue by which the City can communicate to its citizens. Burning conditions, safety messages, other miscellaneous information can be distributed using this signage. Citizens can become informed simply by reading the

Funding Source	2022	2023	2024	2025	2026	Total
Capital Improvement Tax	\$30,000	\$30,000	\$0	\$0	\$0	\$60,000
						\$0
						\$0
Project Totals	\$30,000	\$30,000	\$0	\$0	\$0	\$60,000



# Fire Department

## 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	2022	2023	2024	2025	2026	Total
General Fund	\$8,600	\$0	\$0	\$0	\$0	\$8,600
						\$0
						\$0
Project Totals	\$8,600	\$0	\$0	\$0	\$0	\$8,600



# Fire Department

## 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	2022	2023	2024	2025	2026	Total
General Fund	\$0	\$17,000	\$0	\$0	\$0	\$17,000
						\$0
						\$0
Project Totals	\$0	\$17,000	\$0	\$0	\$0	\$17,000



# Fire Department

## 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	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	\$0	\$72,000	\$72,000	\$72,000	\$72,000	\$288,000
						\$0
						\$0
Project Totals	\$0	\$72,000	\$72,000	\$72,000	\$72,000	\$288,000



# Fire Department

## 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	2022	2023	2024	2025	2026	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



# Fire Department

## Fire Station #3

**Project Number** 99-FDE-001-16

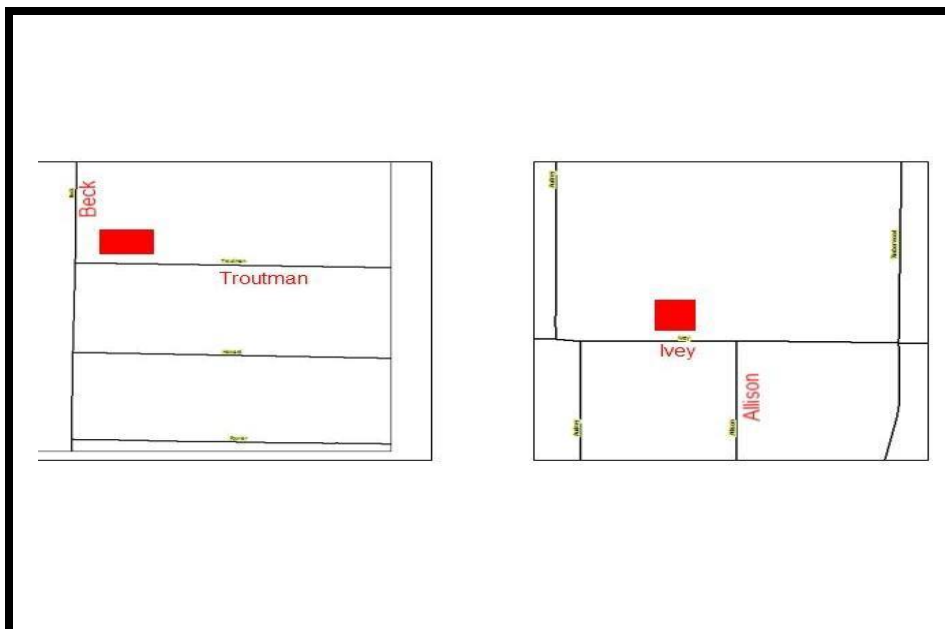
**Improvement Type** Building & Building Improvements

**Division** 22 - 605 - General

**Description** Construction and staffing of a third fire station in the Beck and Ivey Lane area

**Justification** A third fire station will improve response times to the southwest district of the City where current response times are nearly two to three minutes longer than the other two response districts. Additional on-duty firefighters will improve effectiveness during emergency incidents and could reduce the number of off-duty callbacks. This

Funding Source	2022	2023	2024	2025	2026	Total
Capital Improvement Tax	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
General Fund	\$40,000	\$0	\$0	\$0	\$0	\$40,000
						\$0
Project Totals	\$3,040,000	\$0	\$0	\$0	\$0	\$3,040,000



# Fire Department

## Mobile Tablets

<b>Project Number</b>	01-FDE-002-18
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	22 - 605 - General
<b>Description</b>	Provide computer tablets to replace Toughbook computers. Devices are more mobile and are replacing laptop computers across the nation. Tablets are used to complete
<b>Justification</b>	Fire Stations 1 and 2

Funding Source	2022	2023	2024	2025	2026	Total
General Fund	\$10,000	\$0	\$0	\$0	\$0	\$10,000
						\$0
						\$0
Project Totals	\$10,000	\$0	\$0	\$0	\$0	\$10,000



# Garage

## Overview

The Garage provides preventative maintenance and repair of City vehicles and equipment

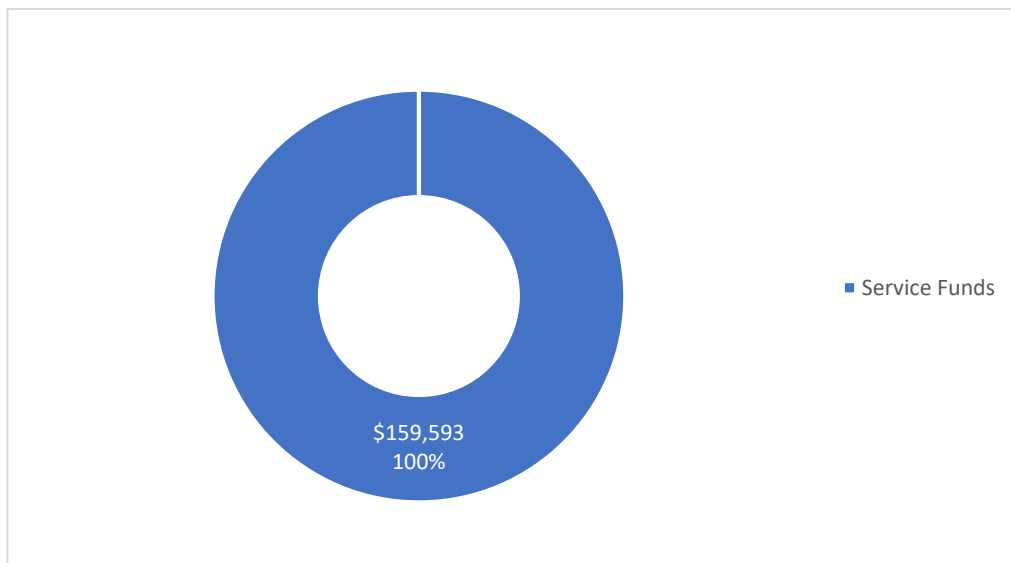
### Funding

Capital improvement projects for the Garage Division are funded using revenues from multiple funds, such as; General, Street, Parks, Electric, Water, and Wastewater Funds.

### Projects

Capital projects for the Garage Division are based on needs anticipated by staff.

### Project Funding Sources



# Garage

## Garage Exhaust Fan (Phase 2)

**Project Number** 60-GFM-001-18

**Improvement Type** Building & Building Improvements

**Division** 60 - 305 - Garage

**Description** Exhaust fan for service area

**Justification** Fumes from welding, cutting, vehicles, and equipment cause an unhealthy work environment.

Funding Source	2022	2023	2024	2025	2026	Total
Service Funds	\$10,000	\$0	\$0	\$0	\$0	\$10,000
						\$0
						\$0
Project Totals	\$10,000	\$0	\$0	\$0	\$0	\$10,000



# Garage

## Enclose Existing Garage Space

**Project Number** 60-GFM-001-21

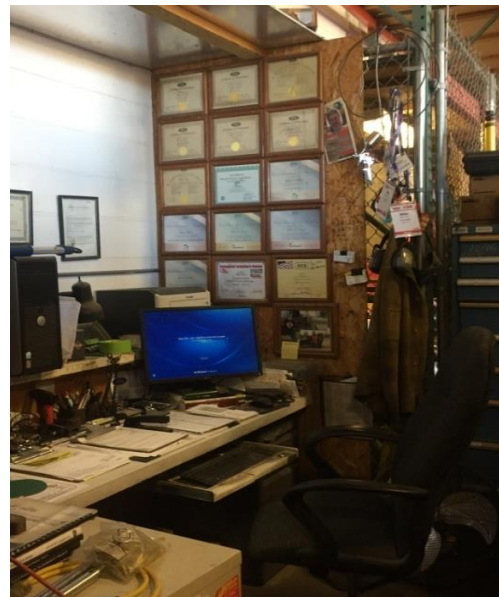
**Improvement Type** Machinery & Equipment

**Division** 60 - 305 - Garage

**Description** Enclose existing Garage office

**Justification** Currently it is difficult to hold phone conversations with vendors and manufacturer representatives while running vehicles/equipment and shop work is performed close by. Enclosing the office space will help keep all paperwork dust/debris free and better organized. This will provide for a cleaner, quieter work space in which to conduct

Funding Source	2022	2023	2024	2025	2026	Total
Service Funds	\$6,000	\$0	\$0	\$0	\$0	\$6,000
						\$0
						\$0
Project Totals	\$6,000	\$0	\$0	\$0	\$0	\$6,000



# Garage

## Service Truck

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

**Improvement Type** Machinery & Equipment

**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	2022	2023	2024	2025	2026	Total
Service Funds	\$60,000	\$0	\$0	\$0	\$0	\$60,000
						\$0
						\$0
Project Totals	\$60,000	\$0	\$0	\$0	\$0	\$60,000



# Garage

## 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	2022	2023	2024	2025	2026	Total
Service Funds	\$0	\$5,000	\$0	\$0	\$0	\$5,000
						\$0
						\$0
Project Totals	\$0	\$5,000	\$0	\$0	\$0	\$5,000



# Garage

## Floor Drain System

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

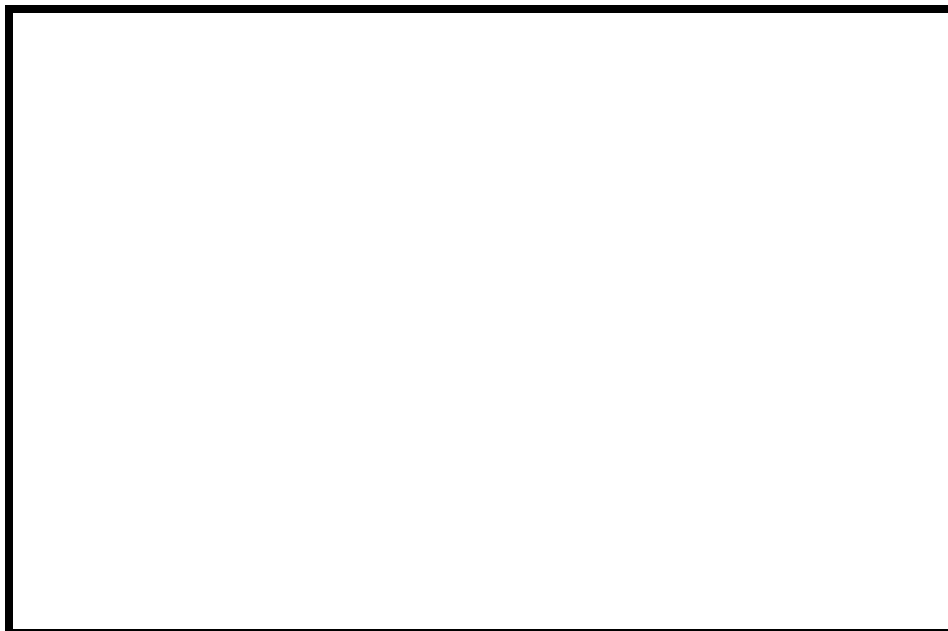
**Improvement Type** Building & Building Improvements

**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	2022	2023	2024	2025	2026	Total
Service Funds	\$0	\$10,000	\$0	\$0	\$0	\$10,000
						\$0
						\$0
Project Totals	\$0	\$10,000	\$0	\$0	\$0	\$10,000



# Garage

## 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	2022	2023	2024	2025	2026	Total
Service Funds	\$0	\$0	\$0	\$30,000	\$0	\$30,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$30,000	\$0	\$30,000



# Garage

## 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	2022	2023	2024	2025	2026	Total
Service Funds	\$0	\$0	\$0	\$0	\$38,000	\$38,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$38,000	\$38,000



# Information Technology

## Overview

The Information Technology Division is responsible for the security, planning, implementation, and continual support of the City's data, networking equipment, and computer systems. This division is responsible for installing and maintaining all computer related hardware, as well as for installing and upgrading all software executed on these systems. Direction is also provided to the departments to determine future computer system and software needs.

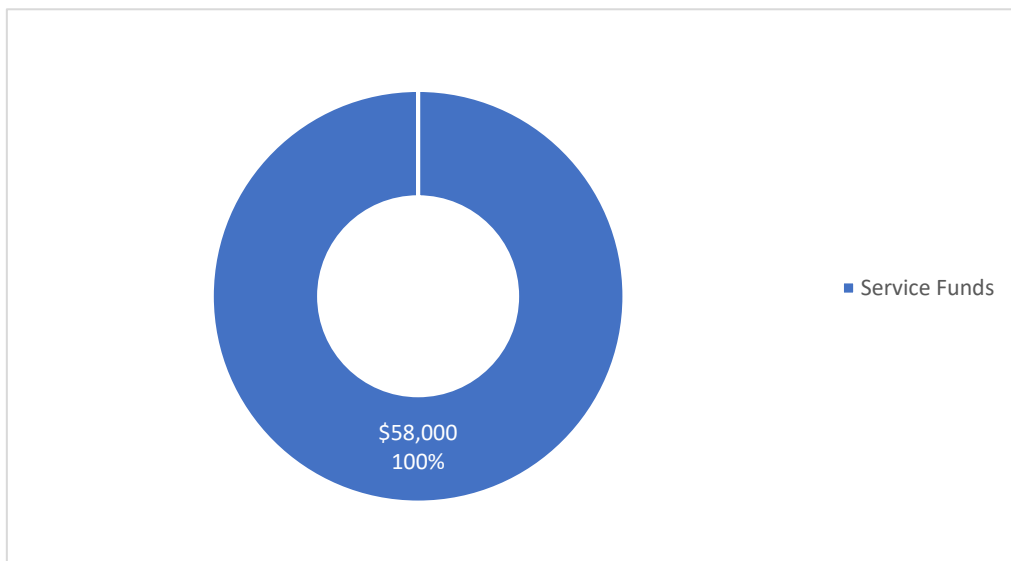
### Funding

Capital improvement projects for Information Technology are funded using revenues from the funds in which they perform services for, such as; General, Street, Tourism, Parks, Fiber, Electric, Water, and Wastewater funds or the Capital Improvement tax.

### Projects

Capital projects for Information Technology are based on a combination of staff identified needs and requests from City Council.

### Project Funding Source



# Information Technology

## Mobile Data Tablets

**Project Number** 22-ITS-005-16

**Improvement Type** Machinery & Equipment

**Division** 22 - 605 - General

**Description** Purchase of tablet devices for use by staff

**Justification** The current Mobile Data Terminals or laptops throughout the field divisions are approximately 5-7 years old. Some were DoD systems and state surplus systems. These computers are out of warranty and are subject to rough conditions and harsh environments. These computers will need to be replaced as soon as possible. Tablets

Funding Source	2022	2023	2024	2025	2026	Total
Capital Improvement Tax	\$5,000	\$0	\$0	\$0	\$0	\$5,000
						\$0
						\$0
Project Totals	\$5,000	\$0	\$0	\$0	\$0	\$5,000



# Information Technology

## 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	2022	2023	2024	2025	2026	Total
Service Funds	\$0	\$7,500	\$0	\$0	\$0	\$7,500
						\$0
						\$0
Project Totals	\$0	\$7,500	\$0	\$0	\$0	\$7,500



# Information Technology

## 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	2022	2023	2024	2025	2026	Total
Service Funds	\$0	\$0	\$0	\$2,500	\$0	\$2,500
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$2,500	\$0	\$2,500



# Information Technology

## 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	2022	2023	2024	2025	2026	Total
Service Funds	\$0	\$23,000	\$0	\$0	\$0	\$23,000
						\$0
						\$0
Project Totals	\$0	\$23,000	\$0	\$0	\$0	\$23,000



# Information Technology

## 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	2022	2023	2024	2025	2026	Total
Service Funds	\$4,000	\$16,000	\$0	\$0	\$0	\$20,000
						\$0
						\$0
Project Totals	\$4,000	\$16,000	\$0	\$0	\$0	\$20,000



# Information Technology

## City-wide Cameras

**Project Number** 99-ITS-001-21

**Improvement Type** Machinery & Equipment

**Division** 22 - 605 - General

**Description** Verkada VOIP

**Justification** Continues safety and security throughout city facilities and parks

Funding Source	2022	2023	2024	2025	2026	Total
Service Funds	\$22,000	\$0	\$0	\$0	\$0	\$22,000
						\$0
						\$0
Project Totals	\$22,000	\$0	\$0	\$0	\$0	\$22,000

Add Picture  
Here

# Parks

## Overview

The Parks and Recreation Department is responsible for maintaining eight parks that cover over 125 acres. Located within these parks are 36 holes of disc golf, nine baseball/softball fields, several playground areas, three paved walking trails, 15 shelters, the Boswell Aquatic Center, Nelson Pond, and a skate park. Capital projects for Parks and Recreation enhance park amenities, support ongoing maintenance efforts, and develop new facilities for residents and visitors to enjoy.

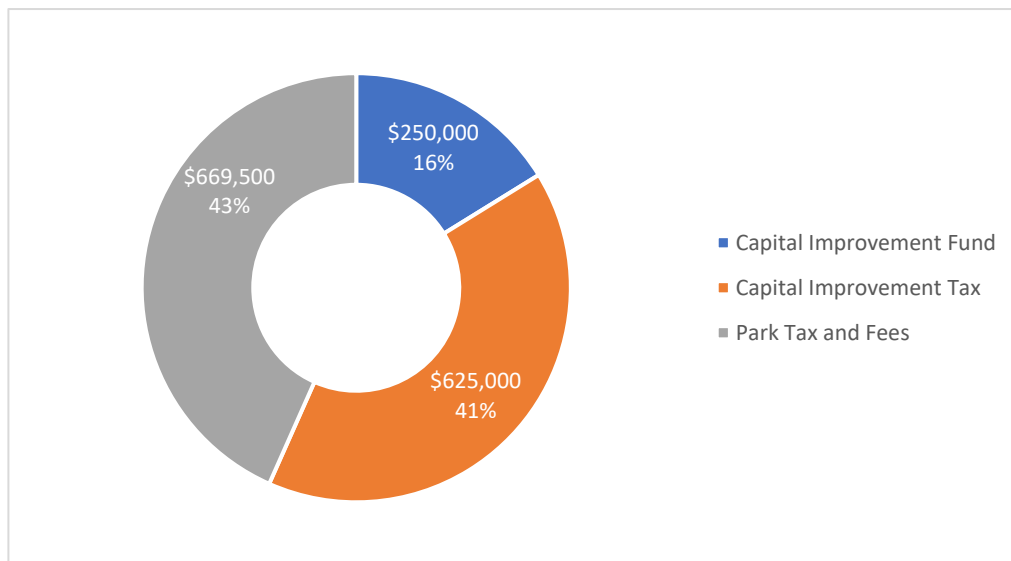
### Funding

Capital improvement projects for the Parks and Recreation Department are funded using revenues from the Parks property tax, park fees, General Fund, or Capital Improvement tax. Parks and Recreation additionally has proceeds in the Park Fund from the sale of the Nelson Education Building in 2014.

### Projects

Capital projects for Parks and Recreation are based on a combination of staff identified needs, Park Board identified needs, ongoing maintenance requirements, citizen desires, and requests from City Council.

### Project Funding Source



# Parks

## Skate Park Improvements

**Project Number** 22-PKD-001-19

**Improvement Type** Land & Land Improvements

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

**Description** Upgrades to existing skate park, purchasing of new equipment and expanding of concrete surfacing

**Justification** Skate boarding is a growing sport and with only one small skate park in the area it needs to be expanded to allow more kids use of the facility

Funding Source	2022	2023	2024	2025	2026	Total
Capital Improvement Tax	\$0	\$0	\$125,000	\$0	\$0	\$125,000
						\$0
						\$0
Project Totals	\$0	\$0	\$125,000	\$0	\$0	\$125,000



# Parks

## Walking and Bicycle Trail

**Project Number** 22-PKD-001-20

**Improvement Type** Land & Land Improvements

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

**Description** Create a trail throughout the city that connects parks, schools, and the library

**Justification** Walk/Bike trails are one of the most sought-after amenities when considering moving to a new community as a resident or moving a business to a community. We have many walkers, joggers, bikers, and kids in the community currently running random routes on existing streets and sidewalks. A trail could also be used for dedicated races

Funding Source	2022	2023	2024	2025	2026	Total
Capital Improvement Tax	\$0	\$250,000	\$0	\$250,000	\$0	\$500,000
						\$0
						\$0
Project Totals	\$0	\$250,000	\$0	\$250,000	\$0	\$500,000



# Parks

## Irrigation System Field 3 at Atchley Park

**Project Number** 79-PKX-001-22

**Improvement Type** Land & Land Improvements

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

**Description** Install irrigation for Atchley Park field 3

**Justification** This would complete all 4 fields at Atchley Park now having irrigation and keeping fields in the best condition to host tournaments

Funding Source	2022	2023	2024	2025	2026	Total
Park Tax and Fees	\$25,000	\$0	\$0	\$0	\$0	\$25,000
						\$0
						\$0
Project Totals	\$25,000	\$0	\$0	\$0	\$0	\$25,000



# 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	2022	2023	2024	2025	2026	Total
Park Tax and Fees	\$13,000	\$13,500	\$14,000	\$14,500	\$15,000	\$70,000
						\$0
						\$0
Project Totals	\$13,000	\$13,500	\$14,000	\$14,500	\$15,000	\$70,000



# 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	2022	2023	2024	2025	2026	Total
Park Tax and Fees	\$12,000	\$0	\$0	\$0	\$0	\$12,000
						\$0
						\$0
Project Totals	\$12,000	\$0	\$0	\$0	\$0	\$12,000



# Parks

## WT Vernon Park Improvements

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

**Improvement Type** Building & Building Improvements

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

**Description** Updates to restrooms and playground equipment

**Justification** Park Board's master plan has identified WT Vernon as a park that needs to be upgraded with new equipment, shelter, and restroom

Funding Source	2022	2023	2024	2025	2026	Total
Park Tax and Fees	\$100,000	\$0	\$0	\$0	\$0	\$100,000
						\$0
						\$0
Project Totals	\$100,000	\$0	\$0	\$0	\$0	\$100,000



# 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	2022	2023	2024	2025	2026	Total
Park Tax and Fees	\$0	\$100,000	\$0	\$100,000	\$0	\$200,000
						\$0
						\$0
Project Totals	\$0	\$100,000	\$0	\$100,000	\$0	\$200,000



# Parks

## Winfrey Property

**Project Number** 79-PKX-003-24

**Improvement Type** Building & Building Improvements

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

**Description** Upgrades to Winfrey house and possibility of adding a shelter

**Justification** Developing the Winfrey property and turning it into a fully usable park would be a great asset to the park system

Funding Source	2022	2023	2024	2025	2026	Total
Park Tax and Fees	\$0	\$0	\$100,000	\$0	\$0	\$100,000
						\$0
						\$0
Project Totals	\$0	\$0	\$100,000	\$0	\$0	\$100,000



# Parks

## Purchase of new vehicle

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

**Improvement Type** Machinery & Equipment

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

**Description** Replacement of current vehicles

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

Funding Source	2022	2023	2024	2025	2026	Total
Park Tax and Fees	\$0	\$0	\$26,000	\$26,500	\$0	\$52,500
						\$0
						\$0
Project Totals	\$0	\$0	\$26,000	\$26,500	\$0	\$52,500



# 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	2022	2023	2024	2025	2026	Total
Park Tax and Fees	\$0	\$0	\$0	\$5,000	\$0	\$5,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$5,000	\$0	\$5,000



# Parks

## Purchase of truck with dump bed

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

**Improvement Type** Machinery & Equipment

**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	2022	2023	2024	2025	2026	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



# 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	2022	2023	2024	2025	2026	Total
Park Tax and Fees	\$0	\$0	\$0	\$0	\$15,000	\$15,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$15,000	\$15,000



# Parks

## Boswell Aquatic Center Improvements

**Project Number** 79-PKX-001-23

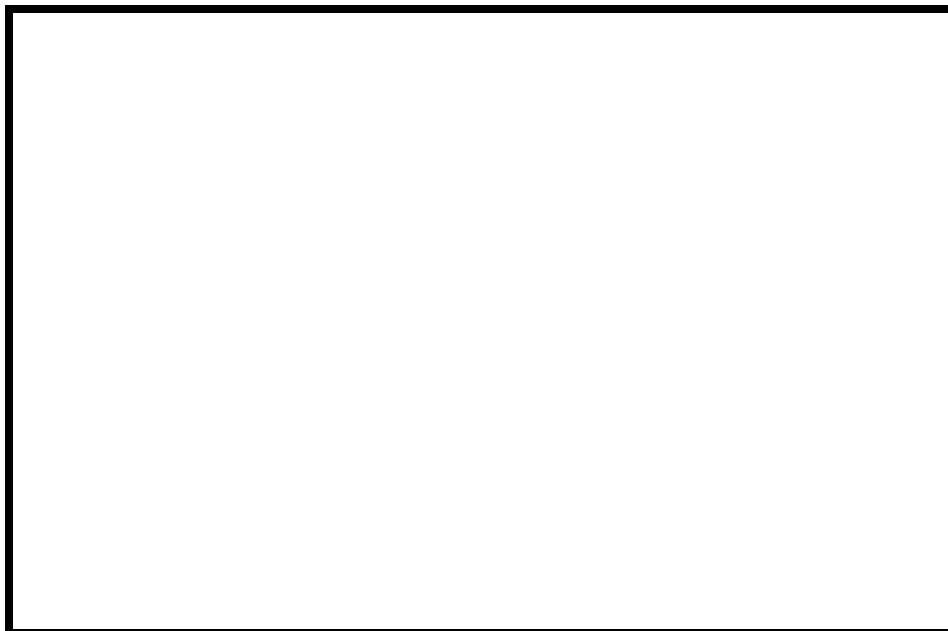
**Improvement Type** Building & Building Improvements

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

**Description** Add zero depth entry and changes to front entry of aquatic center

**Justification** The pool is over 40 years old and needs some upgrades to attract more patrons and to also make it more user friendly to patrons of all ages

Funding Source	2022	2023	2024	2025	2026	Total
Capital Improvement Fund	\$0	\$250,000	\$0	\$0	\$0	\$250,000
						\$0
						\$0
Project Totals	\$0	\$250,000	\$0	\$0	\$0	\$250,000



# 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	2022	2023	2024	2025	2026	Total
Park Tax and Fees	\$0	\$0	\$0	\$0	\$15,000	\$15,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$15,000	\$15,000



# Police Department

## Overview

The Lebanon Police Department is committed to providing excellent law enforcement services to the citizens of the community. This department is also committed in providing professional police services that meet the expectations of the community and maximizing the use of department resources to enhance the safety and security for the citizens of Lebanon. Capital improvements for the Police Department support the mission of protecting and serving the public through providing critical equipment, hardware and software, vehicles, and facilities, as well as replacing existing technology and equipment as maintenance and operational needs require.

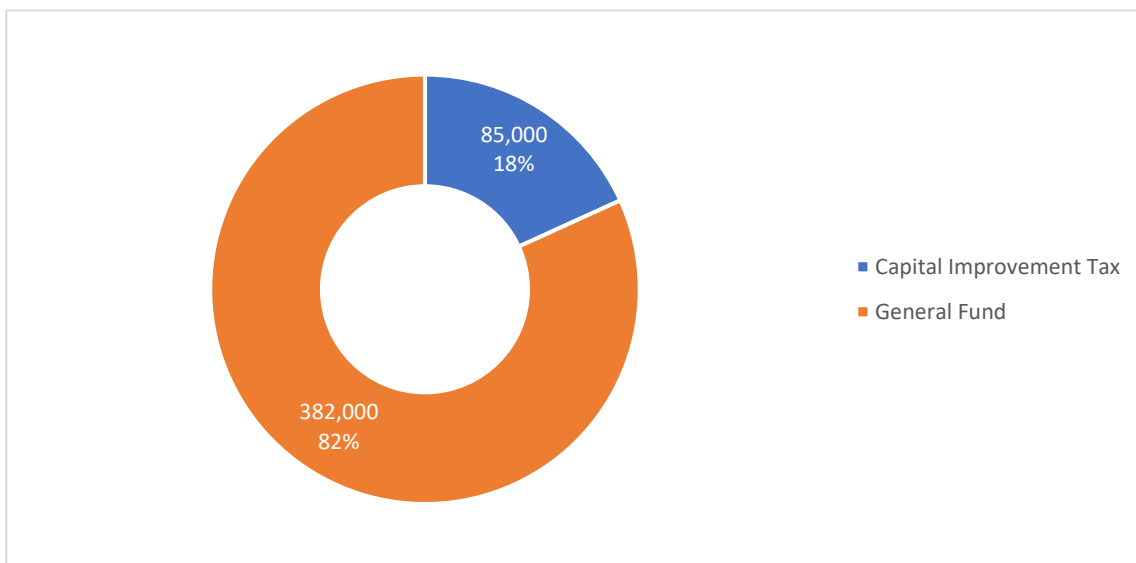
### Funding

Capital improvement projects for the Police Department are funded primarily through the Capital Improvement tax or the General Fund. The Police Department also utilizes state and federal grants when appropriate and available

### Projects

Capital projects for the Police Department are based on a combination of staff identified needs, ongoing maintenance requirements, and requests from City Council

### Project Funding Sources



# Police Department

## Replace Existing Computer Systems

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

**Improvement Type** Furniture & Office Equipment

**Division** 01 - 115 - Police Department

**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	2022	2023	2024	2025	2026	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



# Police Department

## Field Investigation Hardware and Software

**Project Number** 01-PDA-001-19

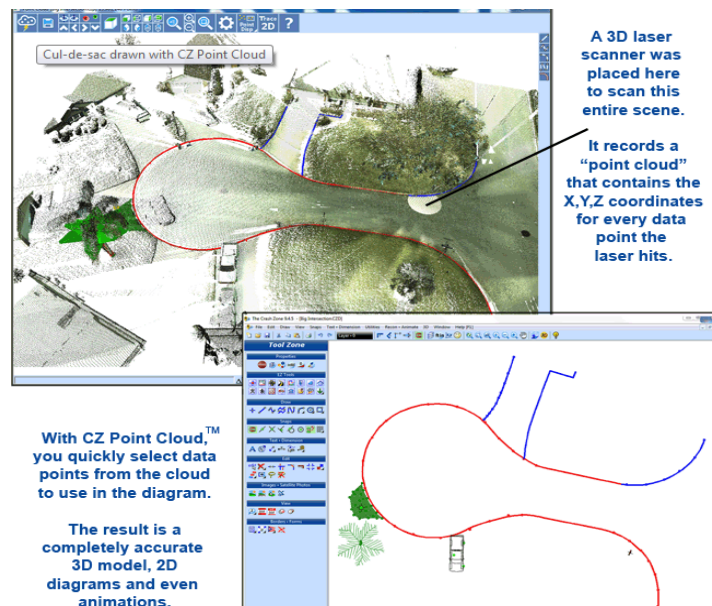
**Improvement Type** Furniture & Office Equipment

**Division** 01 - 115 - Police Department

**Description** Purchase of Point Cloud Module for FARO software used in CAD and CADZone

**Justification** On-site equipment is needed to record accidents and or crime scenes in 3D to import into our CADZone and build 2D reports. The software and hardware would interact to build data points and recreate the accident or crime. The hardware is compatible with the current software used on the desktops. Field operations will be able to

Funding Source	2022	2023	2024	2025	2026	Total
General Fund	\$9,000	\$0	\$0	\$0	\$0	\$9,000
						\$0
						\$0
Project Totals	\$9,000	\$0	\$0	\$0	\$0	\$9,000



# Police Department

## 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	2022	2023	2024	2025	2026	Total
General Fund	\$0	\$4,000	\$4,000	\$4,000	\$4,000	\$16,000
						\$0
						\$0
Project Totals	\$0	\$4,000	\$4,000	\$4,000	\$4,000	\$16,000



# Police Department

## 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	2022	2023	2024	2025	2026	Total
General Fund	\$0	\$0	\$5,000	\$0	\$0	\$5,000
						\$0
						\$0
Project Totals	\$0	\$0	\$5,000	\$0	\$0	\$5,000



# Police Department

## Patrol Cars

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

**Improvement Type** Machinery & Equipment

**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	2022	2023	2024	2025	2026	Total
Capital Improvement Tax	\$264,000	\$0	\$264,000	\$204,000	\$0	\$732,000
						\$0
						\$0
Project Totals	\$264,000	\$0	\$264,000	\$204,000	\$0	\$732,000



# Police Department

## Dispatch Zetron Radio Upgrade

**Project Number** 22-PDA-001-17

**Improvement Type** Machinery & Equipment

**Division** 22 - 605 - General

**Description** Purchase of Zetron radio upgrade package

**Justification** The current Zetron was replaced in FY18, which met CJIS requirements. In FY21, an additional Zetron is requested to compliment the third CAD station. In FY24, one of the systems may need to be replaced to maintain current standards as recommended by Radiophone. Current requirements are Win 7 or above. With Win 10 becoming the

Funding Source	2022	2023	2024	2025	2026	Total
Capital Improvement Tax	\$0	\$0	\$0	\$0	\$42,000	\$42,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$42,000	\$42,000



# Police Department

## 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	2022	2023	2024	2025	2026	Total
Capital Improvement Tax	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$120,000
						\$0
						\$0
Project Totals	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$120,000



# Storm Water

## Overview

Stormwater projects are responsible for managing stormwater conveyance as well as detention facility maintenance and improvements.

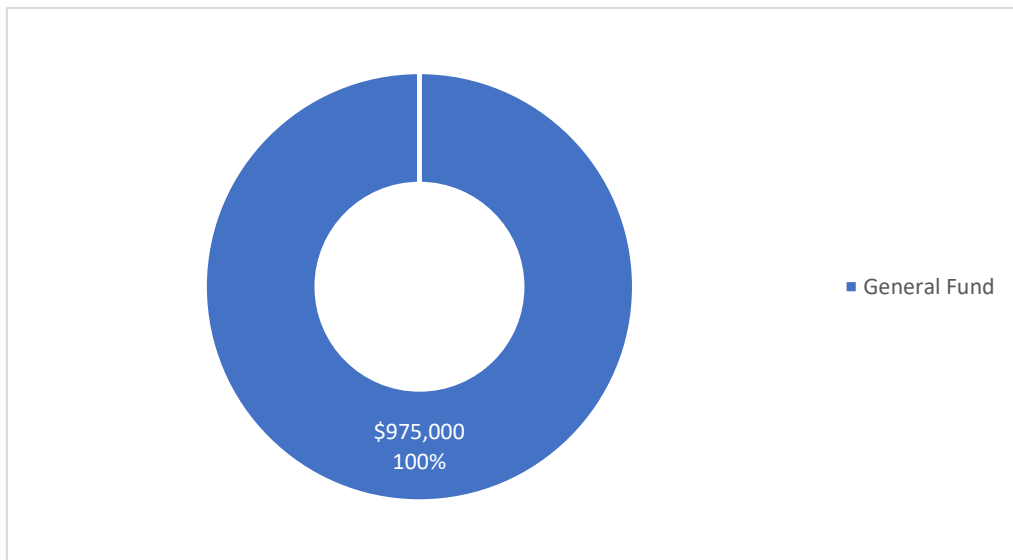
### Funding

Stormwater projects are paid for using the General Fund

### Projects

Capital projects for the Stormwater division are based on a combination of staff-identified needs, requests from City Council, customer needs, and ongoing maintenance requirements.

### Project Funding Sources

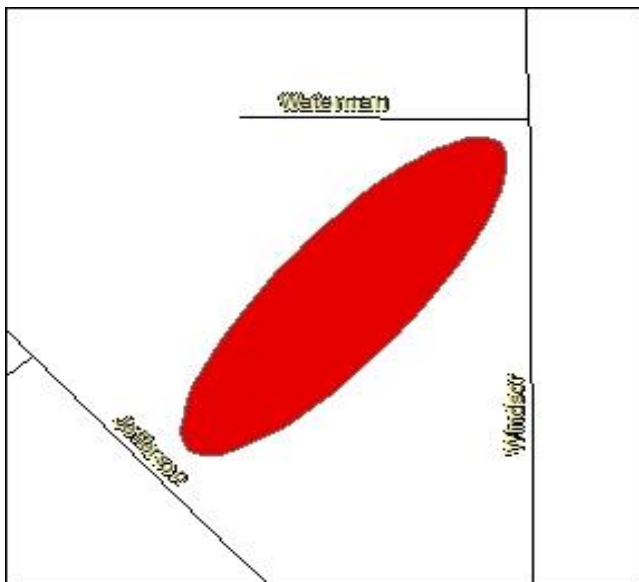


# Storm Water

## Stormwater: Waterman Drive and Windsor Drive

<b>Project Number</b>	01-SWC-003-18
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	01 - 165 - Storm Water
<b>Description</b>	Obtain drainage-way easement, clear and stabilize existing drainage-way. Note: Formally 01-ENV-003-18
<b>Justification</b>	Existing drainage-way lacks capacity causing area flooding

Funding Source	2022	2023	2024	2025	2026	Total
General Fund	\$0	\$0	\$0	\$0	\$25,000	\$25,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$25,000	\$25,000



# Storm Water

## 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	2022	2023	2024	2025	2026	Total
General Fund	\$125,000	\$0	\$0	\$0	\$0	\$125,000
						\$0
						\$0
Project Totals	\$125,000	\$0	\$0	\$0	\$0	\$125,000



# Storm Water

## Stormwater: Springfield and Jackson

<b>Project Number</b>	01-SWC-002-19
<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 Jackson to Springfield. Note: Formally 01-ENV-002-19
<b>Justification</b>	Existing drainage-way has bank erosion and lack adequate capacity during intense rain events

Funding Source	2022	2023	2024	2025	2026	Total
General Fund	\$25,000	\$0	\$0	\$0	\$0	\$25,000
						\$0
						\$0
Project Totals	\$25,000	\$0	\$0	\$0	\$0	\$25,000



# Storm Water

## 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

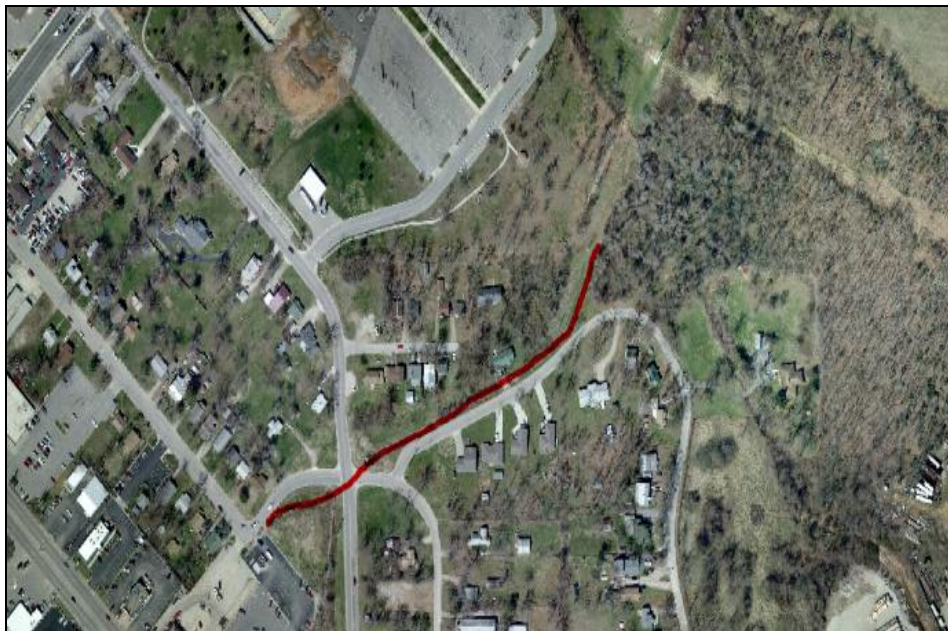
Funding Source	2022	2023	2024	2025	2026	Total
General Fund	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
						\$0
						\$0
Project Totals	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

# Storm Water

## 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	2022	2023	2024	2025	2026	Total
General Fund	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000
						\$0
						\$0
Project Totals	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$200,000

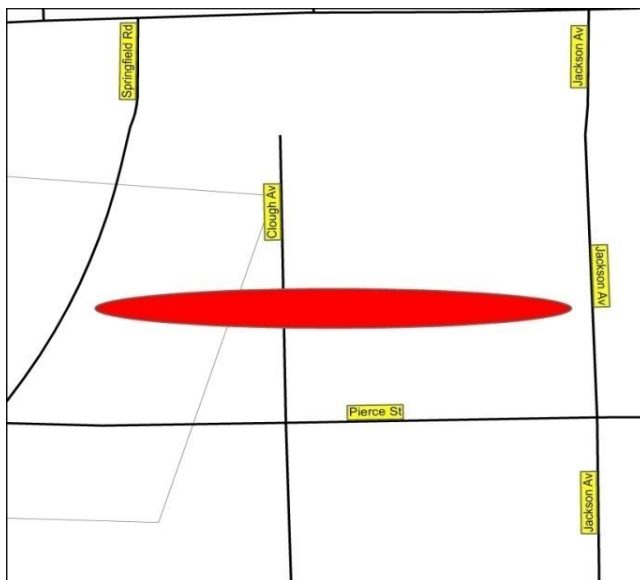


# Storm Water

## 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	2022	2023	2024	2025	2026	Total
General Fund	\$0	\$0	\$0	\$0	\$25,000	\$25,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$25,000	\$25,000



# Storm Water

## Stormwater: Quail Valley Improvements

**Project Number** 01-SWC-001-22

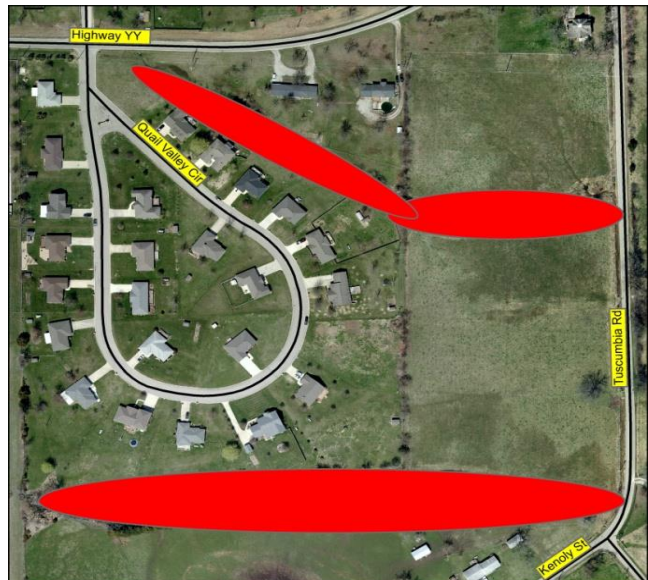
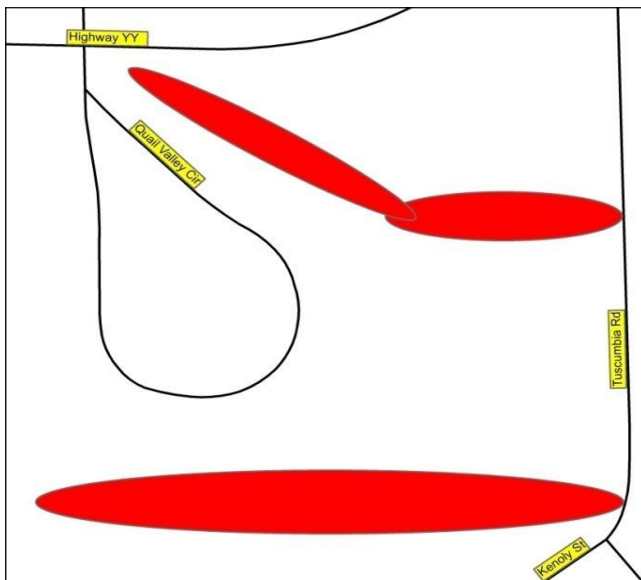
**Improvement Type** Land & Land Improvements

**Division** 01 - 165 - Storm Water

**Description** Obtain drainage-way easements, clear and stabilize existing drainage-way. Note: Formally 01-ENV-001-22

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

Funding Source	2022	2023	2024	2025	2026	Total
General Fund	\$15,000	\$0	\$0	\$0	\$0	\$15,000
						\$0
						\$0
Project Totals	\$15,000	\$0	\$0	\$0	\$0	\$15,000



# Storm Water

## Stormwater: Highway YY and Raef Road Improvements

**Project Number** 01-SWC-002-22

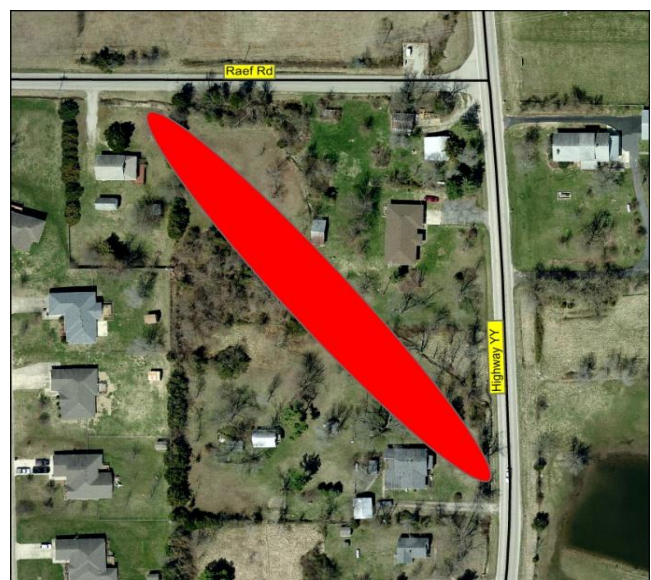
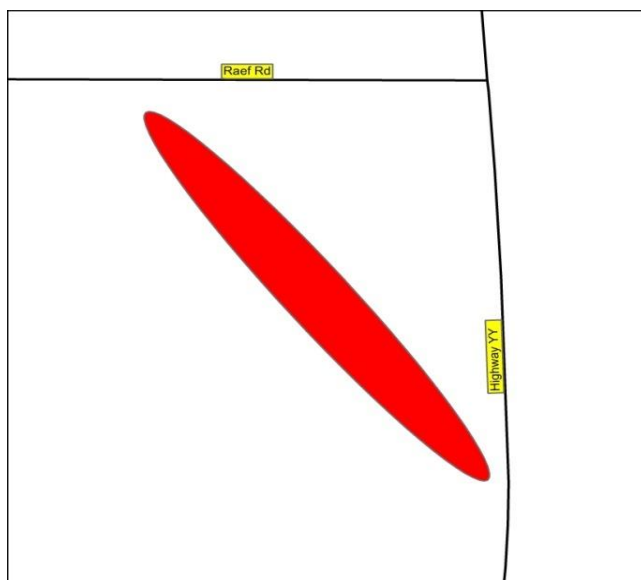
**Improvement Type** Land & Land Improvements

**Division** 01 - 165 - Storm Water

**Description** Obtain drainage-way easements, clear and stabilize existing drainage-way. Note: Formally 01-ENV-002-22

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

Funding Source	2022	2023	2024	2025	2026	Total
General Fund	\$0	\$0	\$10,000	\$0	\$0	\$10,000
						\$0
						\$0
Project Totals	\$0	\$0	\$10,000	\$0	\$0	\$10,000



# Storm Water

## Stormwater: Washington and Park Manor

**Project Number** 01-SWC-003-22

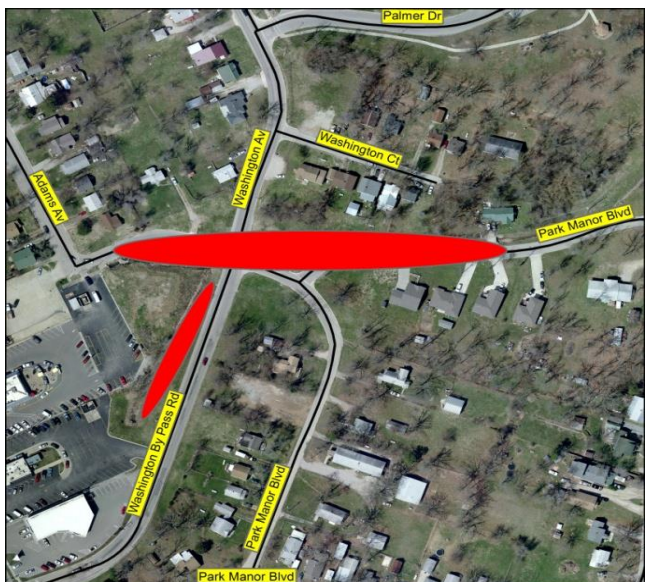
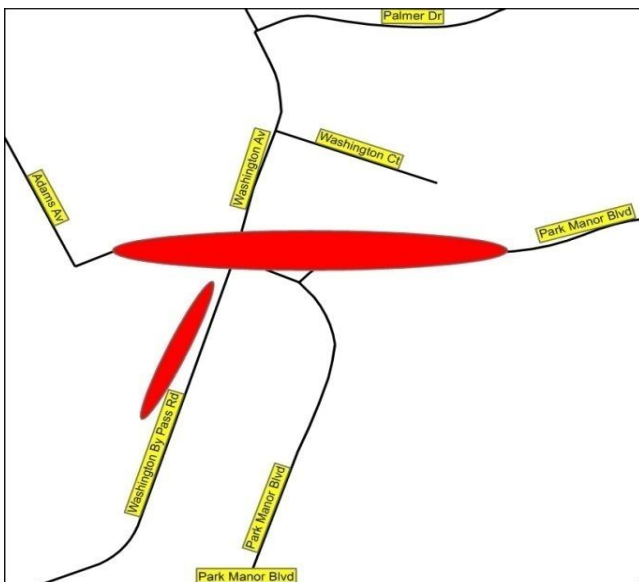
**Improvement Type** Land & Land Improvements

**Division** 01 - 165 - Storm Water

**Description** Obtain drainage-way easements, clear and stabilize existing drainage-way. Note: Formally 01-ENV-003-22

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

Funding Source	2022	2023	2024	2025	2026	Total
General Fund	\$0	\$60,000	\$0	\$0	\$0	\$60,000
						\$0
						\$0
Project Totals	\$0	\$60,000	\$0	\$0	\$0	\$60,000



# Storm Water

## Stormwater: West Fremont Improvements

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

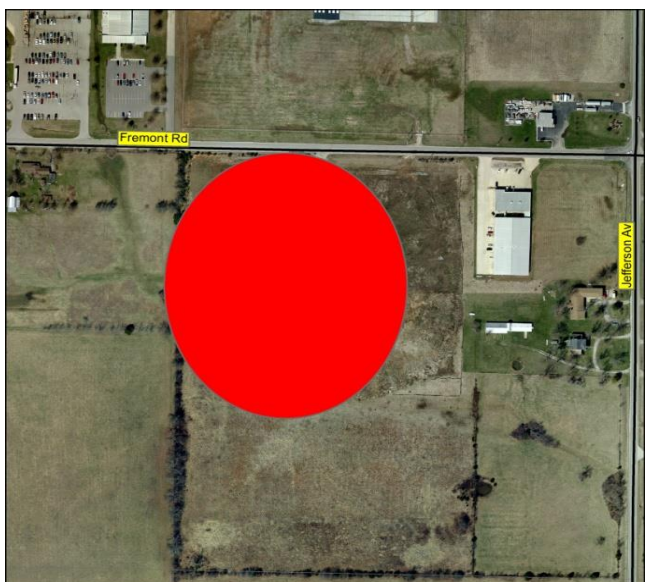
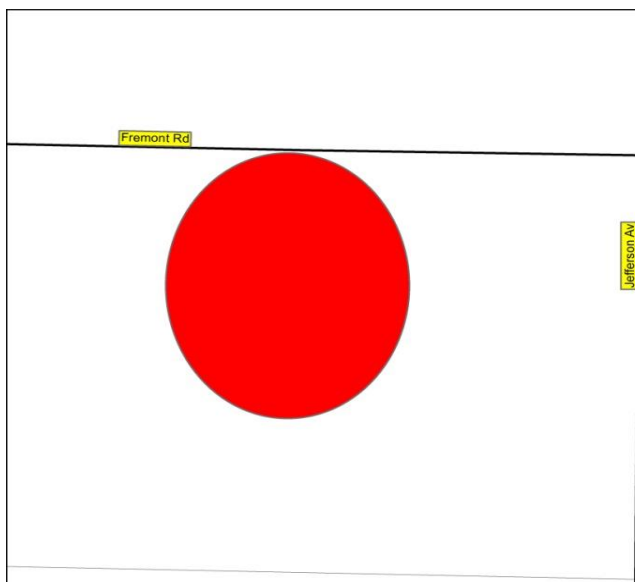
**Improvement Type** Land & Land Improvements

**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	2022	2023	2024	2025	2026	Total
General Fund	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$40,000
						\$0
						\$0
Project Totals	\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$40,000



# Storm Water

## 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	2022	2023	2024	2025	2026	Total
General Fund	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000
						\$0
						\$0
Project Totals	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000



# Storm Water

## Stormwater: Flatwoods

**Project Number** 01-SWC-003-23

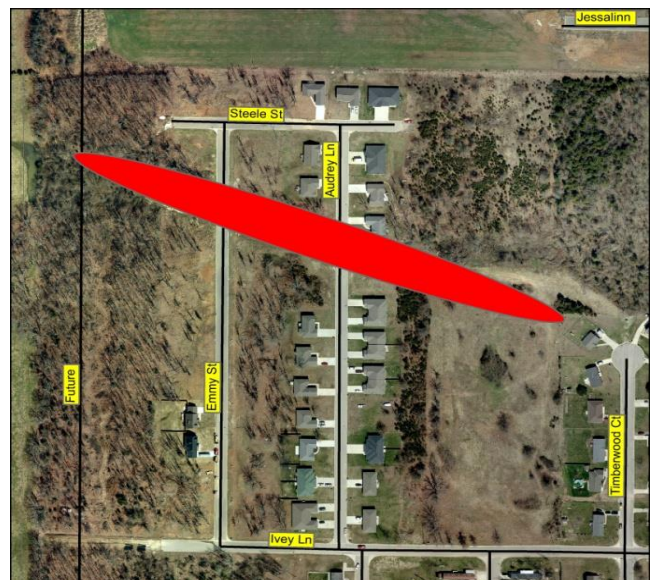
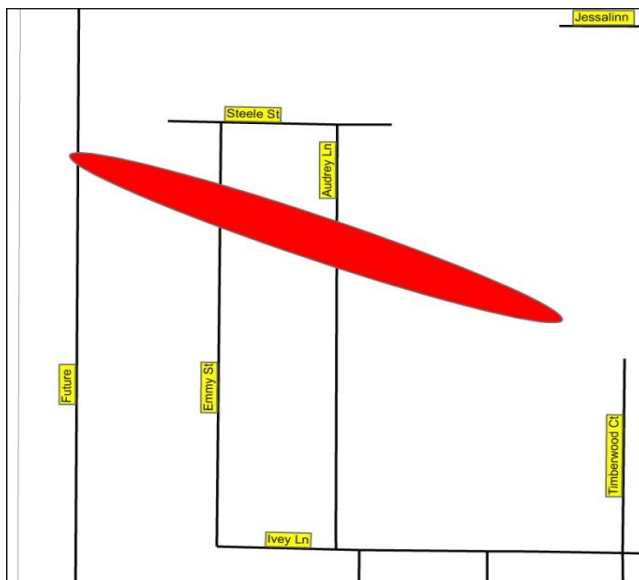
**Improvement Type** Land & Land Improvements

**Division** 01 - 165 - Storm Water

**Description** Stabilize existing drainage-way. Note: Formally 01-ENV-003-23

**Justification** Existing drainage-way has no erosion control

Funding Source	2022	2023	2024	2025	2026	Total
General Fund	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000
						\$0
						\$0
Project Totals	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000



# Stormwater

## Assessment and Restoration of Detention Facilities

**Project Number** 01-SWC-004-14

**Improvement Type** Land & Land Improvements

**Division** 22 - 605 - General

**Description** Assess existing detention facilities throughout the City for adequate capacity and review existing flow control structure, then perform maintenance. Improvement

**Justification** Many detention facilities have been in operation several years without evaluations or maintenance that can be improved to storm water control.

Funding Source	2022	2023	2024	2025	2026	Total
General Fund	\$5,000	\$0	\$0	\$0	\$0	\$5,000
						\$0
						\$0
Project Totals	\$5,000	\$0	\$0	\$0	\$0	\$5,000



# Street Division

## Overview

The Street Division is responsible for pedestrian, bicycle, and automotive transportation networks in the City. It provides for the maintenance and expansion of transportation needs of our citizens such as: repair and maintenance of existing public roads, sidewalk improvements, and other upgrades to local transportation system. Capital improvements associated with this division include street surface treatments, operating equipment purchases, and other maintenance needs.

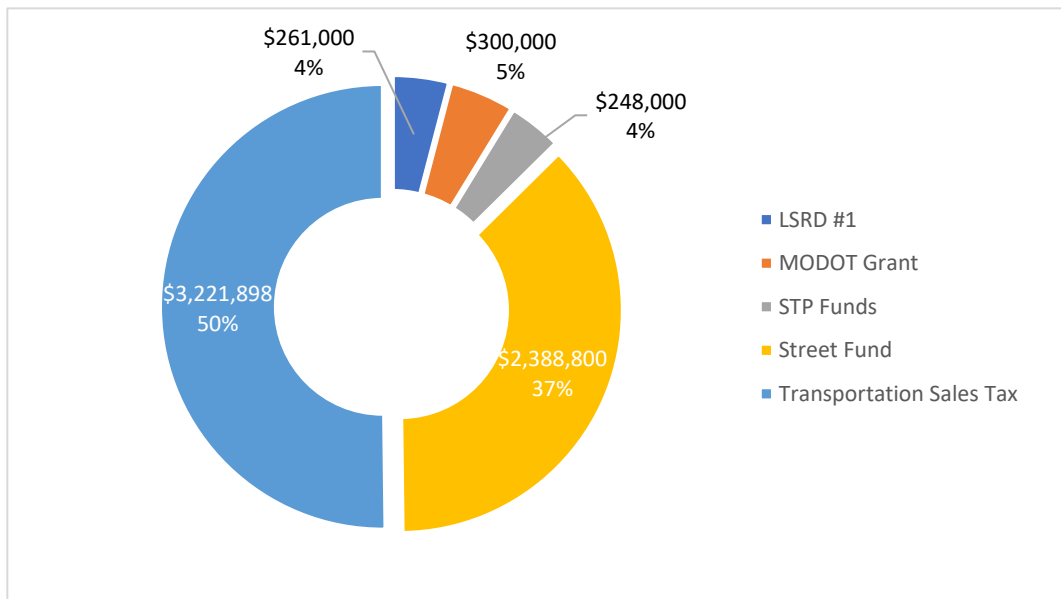
### Funding

Capital improvement projects for the Street Division are funded using revenues from the transportation tax, state gas and motor vehicle tax, grants, and cooperative plans with other taxing jurisdictions such as MODOT and the Lebanon Special Road District #1. Some projects are identified as specifically using transportation tax dollars in an effort to provide further transparency with regard to how this vital tax is used in capital planning

### Projects

Capital projects for the Street Division are based on a combination of the adopted Street Master Plan, staff identified needs, ongoing maintenance requirements, citizen desires, and requests from the City Council.

### Project Funding Sources



# Street Division

## Millcreek Road Improvements

**Project Number** 08-STR-002-16

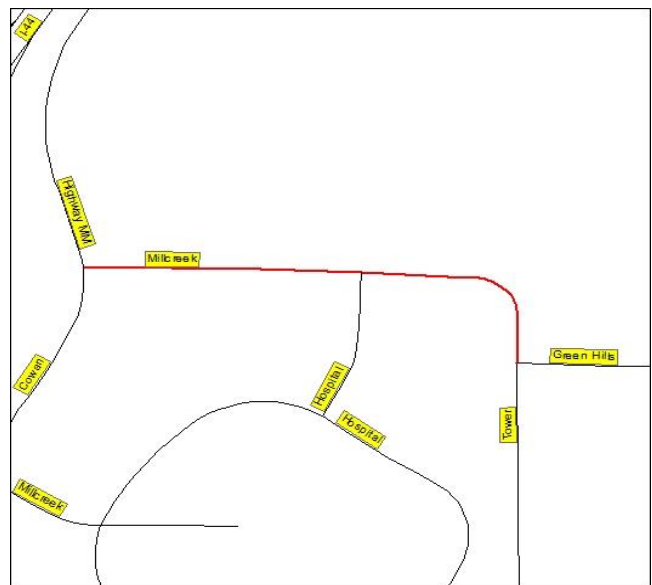
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Construct 1,400 linear feet of new 28-foot-wide street with curb and gutter and storm sewer from Green Hills Road to Hwy. MM

**Justification** The current pavement inspection shows the pavement to be in poor to failing condition on the Pavement Condition Index. Reconstruction of Millcreek Road will address the street surface condition, and will also address the street width and storm water issues in the area. These improvements have been identified in the Street

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$175,000	\$0	\$0	\$0	\$175,000
						\$0
						\$0
Project Totals	\$0	\$175,000	\$0	\$0	\$0	\$175,000



# Street Division

## Three-Quarter Ton 4x4 Pickup Truck Replacements

<b>Project Number</b>	08-STR-005-16
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Purchase of three new two-quarter ton 4 x 4 pickups to replace 2001 and 2002 model units
<b>Justification</b>	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	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$35,000	\$0	\$0	\$0	\$35,000
						\$0
						\$0
Project Totals	\$0	\$35,000	\$0	\$0	\$0	\$35,000



# Street Division

## Truck Mounted Striping Machine

**Project Number** 08-STR-008-16

**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Purchase of a new truck mounted striping machine to replace a 2006 model unit

**Justification** A truck mounted striping machine is place traffic safety paint on street surfaces. The truck mounted striping machine being replaced is approaching the end of expected life.

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$35,000	\$0	\$0	\$0	\$35,000
						\$0
						\$0
Project Totals	\$0	\$35,000	\$0	\$0	\$0	\$35,000



# Street Division

## Tandem Axle Dump Truck

**Project Number** 08-STR-008-17

**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Purchase of new tandem axle dump truck to replace a 2006 model unit. Lease purchase tandem axle dump truck for 5 years at \$31,000 per year

**Justification** Tandem axle dump trucks are used to haul dirt, haul aggregate, plow snow, and to spread de-icing materials. Tandem axle dump trucks being replaced are approaching the end of expected life

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$155,000	\$0	\$0	\$0	\$155,000
						\$0
						\$0
Project Totals	\$0	\$155,000	\$0	\$0	\$0	\$155,000



# Street Division

## Single Axle Dump Truck

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

**Improvement Type** Machinery & Equipment

**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	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$120,000	\$0	\$0	\$0	\$120,000
						\$0
						\$0
Project Totals	\$0	\$120,000	\$0	\$0	\$0	\$120,000



# Street Division

## Mowing Tractor

**Project Number** 08-STR-018-17

**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Purchase of a new tractor to replace a 1995 model unit

**Justification** This tractor is used for mowing along City streets and right of way. The tractor being replaced is approaching the end of expected life

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$35,000	\$0	\$0	\$0	\$35,000
						\$0
						\$0
Project Totals	\$0	\$35,000	\$0	\$0	\$0	\$35,000



# Street Division

## Track Loader

**Project Number** 08-STR-020-17

**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Purchase of a new track loader to replace a 2000 model unit

**Justification** Track loaders are used for excavation, grading, and material loading on street and storm drainage projects. The track loader being replaced is approaching the end of expected life. Staff anticipates trading in the unit being replaced and a 1999 unit to help defray purchase cost of the new unit.

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Trade-in of Existing Equipment	-\$50,000	\$0	\$0	\$0	\$0	(\$50,000)
						\$0
Project Totals	\$250,000	\$0	\$0	\$0	\$0	\$250,000



# Street Division

## Crack Sealer Machine

**Project Number** 08-STR-007-18

**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Purchase of a new crack sealer machine to replace a 1998 model unit

**Justification** A crack seal machine is used to seal cracks in the asphalt surface of pavement. The crack sealer machine being replaced is approaching the end of expected life

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$0	\$50,000	\$0	\$0	\$50,000
						\$0
						\$0
Project Totals	\$0	\$0	\$50,000	\$0	\$0	\$50,000



# Street Division

## Snow Plow Attachment

**Project Number** 08-STR-007-19

**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Purchase of a new snow plow attachment for skid steer loader to replace a 2009 model unit.

**Justification** A snow plow attachment for a skid steer loader is for snow removal. The snow plow attachment being replaced is approaching the end of expected life.

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$7,500	\$0	\$0	\$0	\$7,500
						\$0
						\$0
Project Totals	\$0	\$7,500	\$0	\$0	\$0	\$7,500



# Street Division

## Drop Hammer Attachment

**Project Number** 08-STR-008-19

**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Purchase of a new drop hammer attachment for skid steer loader to replace a 2009 model unit.

**Justification** A drop hammer attachment for a skid steer loader is to break up concrete and rock in excavation projects. The drop hammer attachment being replaced is approaching the end of expected life

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$5,500	\$0	\$0	\$0	\$5,500
						\$0
						\$0
Project Totals	\$0	\$5,500	\$0	\$0	\$0	\$5,500



# Street Division

## Road Grader

**Project Number** 08-STR-009-19

**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Purchase of new road grader to replace a 1994 model unit

**Justification** A road grader is used to grade streets, ditches, and remove snow. The road grader 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	2022	2023	2024	2025	2026	Total
Street Fund	\$240,000	\$0	\$0	\$0	\$0	\$240,000
Trade-in of Existing Equipment	-\$20,000	\$0	\$0	\$0	\$0	(\$20,000)
						\$0
Project Totals	\$220,000	\$0	\$0	\$0	\$0	\$220,000



# Street Division

## Half Ton 4X4 Pickup Trucks

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

**Improvement Type** Machinery & Equipment

**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	2022	2023	2024	2025	2026	Total
Street Fund	\$30,000	\$0	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$30,000	\$0	\$0	\$0	\$0	\$30,000



# Street Division

## Roller Compactor

**Project Number** 08-STR-008-20

**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Purchase of a new roller compactor to replace a 2000 model unit

**Justification** A roller compactor is used to roll and compact dirt and aggregate on street and storm drain projects. The roller compactor being replaced is approaching the end of expected life.

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$40,000	\$0	\$0	\$0	\$40,000
						\$0
						\$0
Project Totals	\$0	\$40,000	\$0	\$0	\$0	\$40,000



# Street Division

## Semi Tractor

**Project Number** 08-STR-009-20

**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Purchase of a used semi-tractor to replace a 2000 model unit

**Justification** A semi-tractor is used to transport heavy equipment to jobsites. The semi-tractor being replaced is approaching the end of expected life.

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$0	\$0	\$0	\$120,000	\$120,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$120,000	\$120,000



# Street Division

## Excavator

**Project Number** 08-STR-010-20

**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Purchase of a new excavator to replace 2005 model unit.

**Justification** An excavator is used to excavate materials on street and storm drainage projects. The excavator 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	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Trade-in of Existing Equipment	\$0	\$0	\$0	\$0	\$25,000	\$25,000
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$225,000	\$225,000



# Street Division

## Harwood Avenue Surface Treatment

**Project Number** 08-STR-002-21

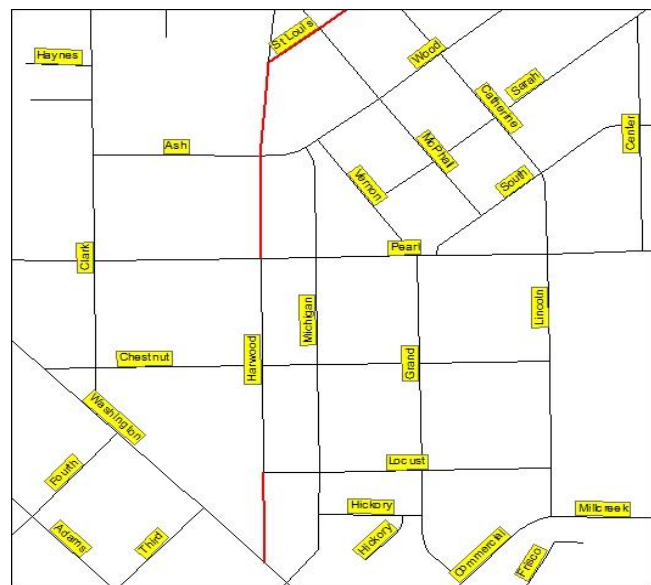
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Chip and Seal surface treatment of 852 linear feet of Harwood Avenue from Pearl Street to St. Louis Street and 388 linear feet from Washington Avenue to Locust

**Justification** This section of the pavement on Harwood Avenue is in fair to good condition on the Pavement Condition Index. Chip and Seal surface treatment is needed to protect the paved surface of Harwood Avenue.

Funding Source	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$10,400	\$0	\$0	\$0	\$0	\$10,400
						\$0
						\$0
Project Totals	\$10,400	\$0	\$0	\$0	\$0	\$10,400



# Street Division

## East Fremont Road Improvements

**Project Number** 08-STR-005-21

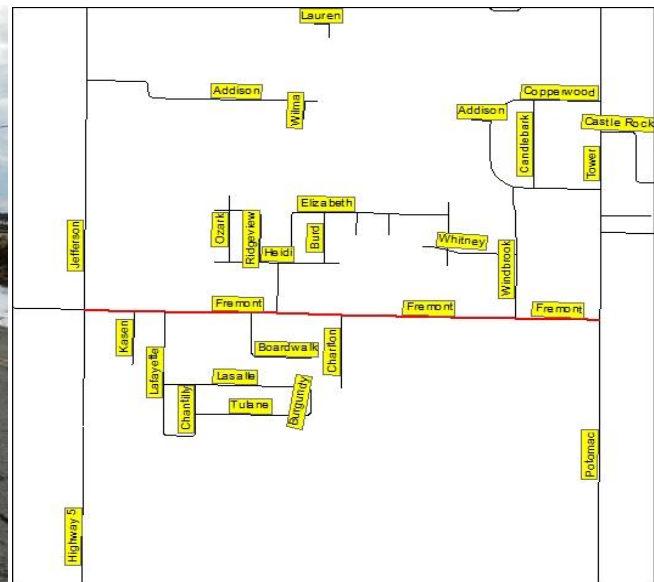
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Reconstruction of 5253 linear feet of Fremont Road from Tower Road to Jefferson Avenue with curb and gutter and storm drain

**Justification** Fremont Road reconstruction is due to needed improvements to street surface, street width, and storm sewer. Funding is via a Street Fund and Lebanon Special Road District Number 1 partnership.

Funding Source	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$165,000	\$0	\$0	\$0	\$0	\$165,000
LSRD #1	\$261,000	\$0	\$0	\$0	\$0	\$261,000
						\$0
Project Totals	\$426,000	\$0	\$0	\$0	\$0	\$426,000



# Street Division

## Harris Lane Surface Treatment

<b>Project Number</b>	08-STR-008-21
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Chip and Seal surface treatment of 2,520 linear feet of Harris Lane from Northview Street to Lynn Street.
<b>Justification</b>	The majority of the pavement on Harris Lane is in good condition on the Pavement Condition Index. Chip and Seal surface treatment is needed to protect the paved surface of Harris Lane.

Funding Source	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$17,000	\$0	\$0	\$0	\$0	\$17,000
						\$0
						\$0
Project Totals	\$17,000	\$0	\$0	\$0	\$0	\$17,000



# Street Division

## Rolling Hills Road Surface Treatment

**Project Number** 08-STR-009-21

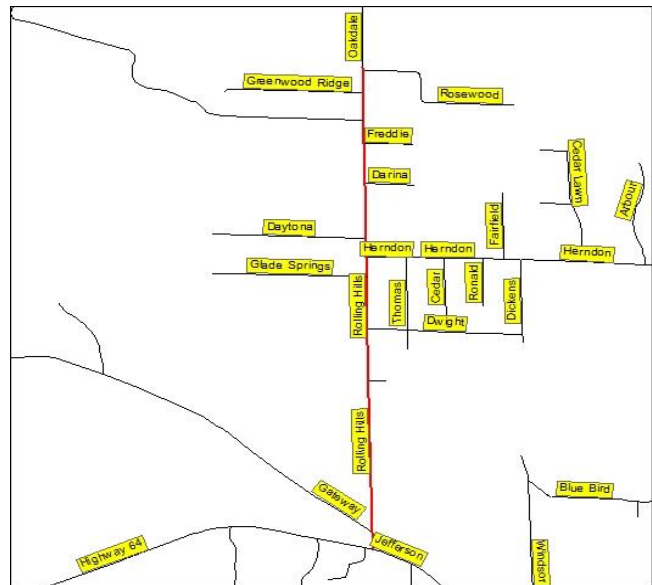
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Chip and Seal surface treatment of 4,630 linear feet of Rolling Hills Road from Jefferson Avenue to Rosewood Drive.

**Justification** The majority of the pavement on Rolling Hills Road ranges from fair to good condition on the Pavement Condition Index. Chip and Seal surface treatment is needed to protect the paved surface of Rolling Hills Road.

Funding Source	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$27,700	\$0	\$0	\$0	\$0	\$27,700
						\$0
						\$0
Project Totals	\$27,700	\$0	\$0	\$0	\$0	\$27,700



# Street Division

## Bethel Road Asphalt Overlay

**Project Number** 08-STR-013-21

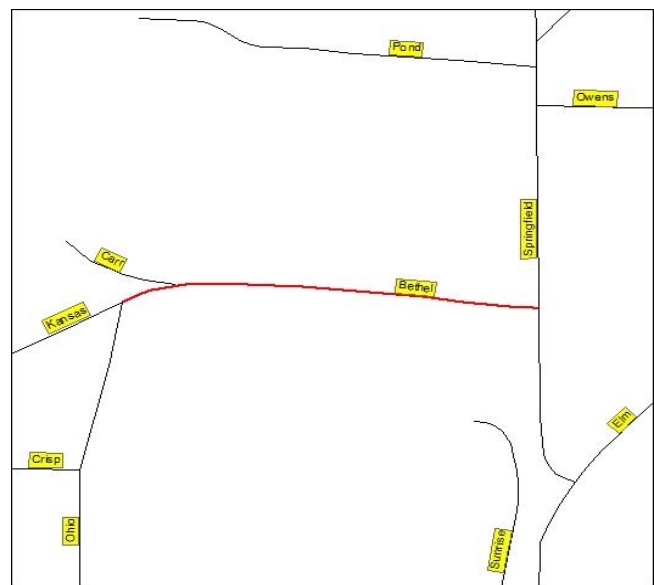
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt pavement overlay of 1200' of Bethel Road from Springfield Road to Ohio Street.

**Justification** The majority of the pavement on Bethel Road 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	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$43,500	\$0	\$0	\$0	\$0	\$43,500
						\$0
						\$0
Project Totals	\$43,500	\$0	\$0	\$0	\$0	\$43,500

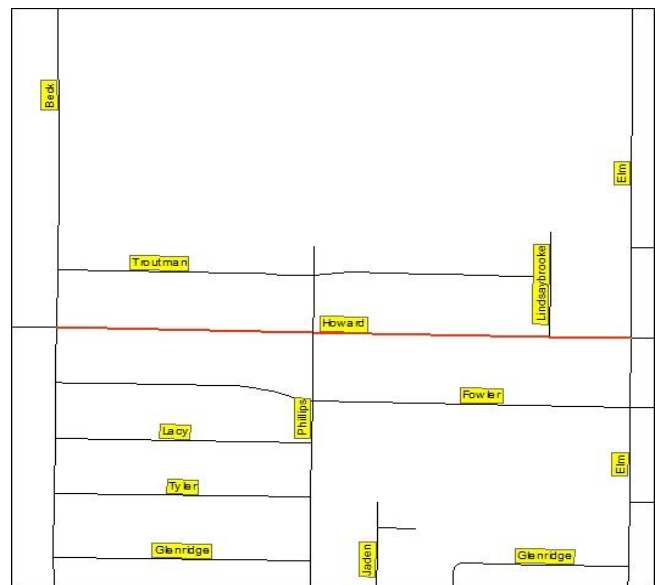


# Street Division

## Howard Drive Surface Treatment

<b>Project Number</b>	08-STR-014-21
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Chip and Seal surface treatment of 2,666 linear feet of Howard Drive from Elm Street to Beck Lane.
<b>Justification</b>	The pavement on Howard Drive ranges from fair to failing condition on the Pavement Condition Index. Chip and Seal surface treatment is needed to protect the paved surface of Howard Drive.

Funding Source	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$13,500	\$0	\$0	\$0	\$0	\$13,500
						\$0
						\$0
<b>Project Totals</b>	<b>\$13,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,500</b>



# Street Division

## Traffic Control Imp at Hwy MM, Cowan Dr, Millcreek

**Project Number** 08-STR-016-21

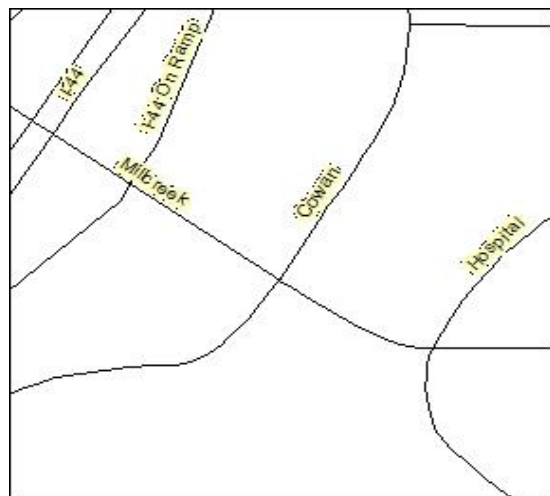
**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Make needed improvements for traffic control at this intersection. Study to determine best approach for improvements for traffic control at this location

**Justification** Traffic control improvements are needed are needed due to times of peak traffic causing congestion at this intersection. Funding is through a partnership with Missouri Department of Transportation.

Funding Source	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$0	\$75,000	\$75,000	\$75,000	\$75,000	\$300,000
MODOT Grant	\$0	\$75,000	\$75,000	\$75,000	\$75,000	\$300,000
						\$0
Project Totals	\$0	\$150,000	\$150,000	\$150,000	\$150,000	\$600,000



# Street Division

## East Bland Road Surface Treatments

**Project Number** 08-STR-017-21

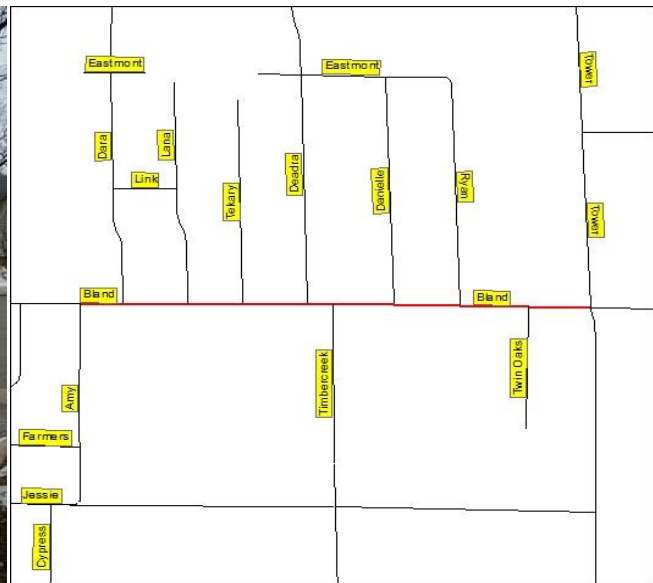
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Chip and Seal surface treatment of 2,930 linear feet of East Bland Road from Amy Drive to Tower Road

**Justification** The majority of the pavement on East Bland Road is in good condition on the Pavement Condition Index. Chip and Seal surface treatment is needed to protect the paved surface of East Bland Road.

Funding Source	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$21,000	\$0	\$0	\$0	\$0	\$21,000
						\$0
						\$0
Project Totals	\$21,000	\$0	\$0	\$0	\$0	\$21,000



# Street Division

## Fowler Drive

**Project Number** 08-STR-020-21

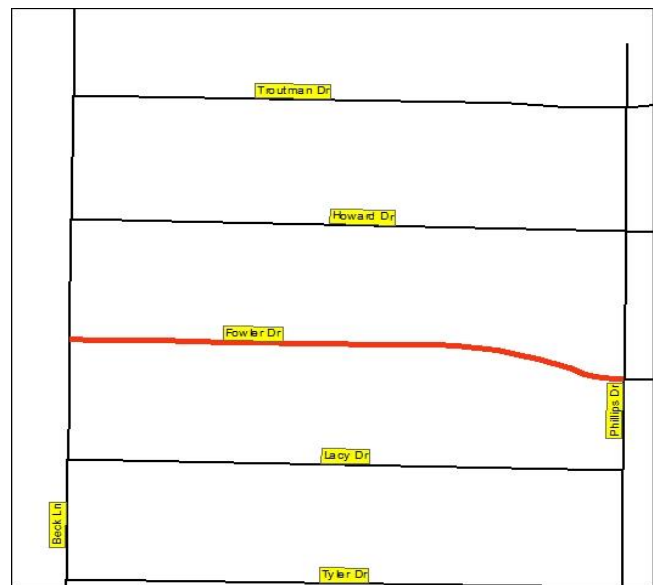
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt pavement overlay of 1195' of Fowler Drive from Phillips Drive to Beck Lane

**Justification** The majority of the pavement on Fowler 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	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$0	\$48,960	\$0	\$0	\$0	\$48,960
						\$0
						\$0
Project Totals	\$0	\$48,960	\$0	\$0	\$0	\$48,960



# Street Division

## Tractor and Boom Mower Attachment

<b>Project Number</b>	08-STR-021-21
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Purchase of new tractor and boom mower attachment for right of way and easement maintenance.
<b>Justification</b>	A tractor with a boom mower is used to cut grass and brush. A tractor with boom mower attachment would be used for maintaining street rights of way and easements.

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$150,000	\$0	\$0	\$0	\$0	\$150,000
						\$0
						\$0
Project Totals	\$150,000	\$0	\$0	\$0	\$0	\$150,000



# Street Division

## Elm Street Asphalt Overlay

<b>Project Number</b>	08-STR-001-22
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Asphalt overlay of 10,050 linear feet of Elm Street from Ivey Lane to Jefferson Avenue
<b>Justification</b>	The majority of the pavement on Elm Street is in very good condition on the Pavement Condition Index. An asphalt overlay will be needed to protect the paved surface on Elm Street

Funding Source	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$176,415	\$125,225	\$0	\$0	\$0	\$301,640
						\$0
						\$0
<b>Project Totals</b>	<b>\$176,415</b>	<b>\$125,225</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$301,640</b>



# Street Division

## Roller Compactor

**Project Number** 08-STR-002-22

**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Purchase of a new roller compactor to replace a 2004 model unit

**Justification** A roller compactor is used to roll and compact dirt and aggregate on street and storm drain projects. The roller compactor being replaced is approaching the end of expected life

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$0	\$0	\$0	\$85,000	\$85,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$85,000	\$85,000



# Street Division

## Hydro Seeder

**Project Number** 08-STR-004-22

**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Purchase of a new hydro-seeder and mulching machine to replace an existing unit

**Justification** A hydro-seeder and mulching machine is used to apply grass seed and mulch to dirt surfaces on dirt work and landscaping projects. The hydro-seeder and mulching machine being replaced is approaching the end of expected life.

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$0	\$0	\$0	\$10,000	\$10,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$10,000	\$10,000



# Street Division

## North Park Manor Boulevard

**Project Number** 08-STR-011-22

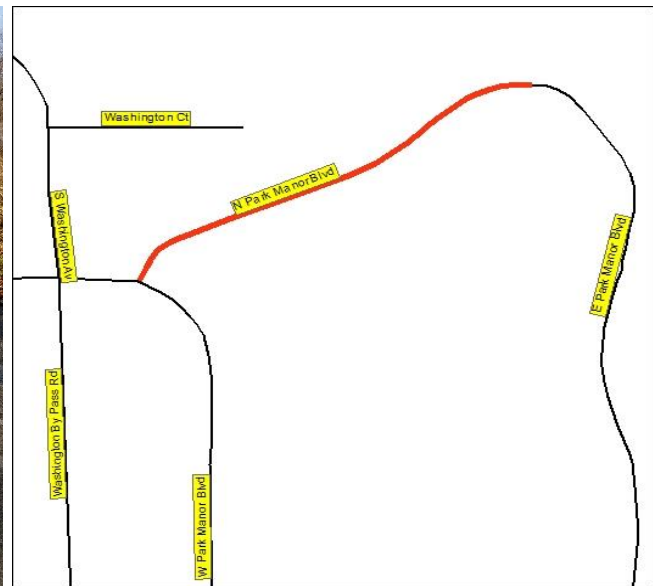
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt pavement overlay of 721' of North Park Manor Boulevard from East Park Manor Boulevard to West Park Manor Boulevard

**Justification** The majority of the pavement on North Park Manor Boulevard 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	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$24,985	\$0	\$0	\$0	\$0	\$24,985
						\$0
						\$0
Project Totals	\$24,985	\$0	\$0	\$0	\$0	\$24,985



# Street Division

## East Park Manor Boulevard

**Project Number** 08-STR-012-22

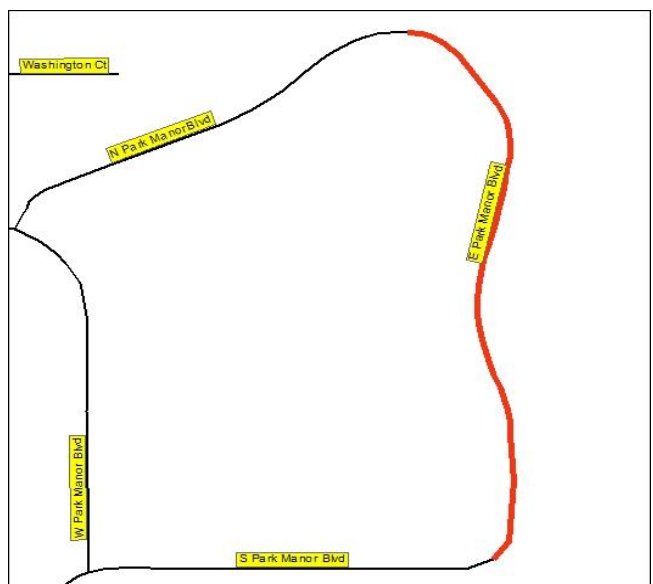
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt pavement overlay of 1000' of East Park Manor Boulevard from South Park Manor Boulevard to North Park Manor Boulevard

**Justification** The majority of the pavement on East Park Manor Boulevard 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	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$28,875	\$0	\$0	\$0	\$0	\$28,875
						\$0
						\$0
Project Totals	\$28,875	\$0	\$0	\$0	\$0	\$28,875



# Street Division

## South Park Manor Boulevard

**Project Number** 08-STR-013-22

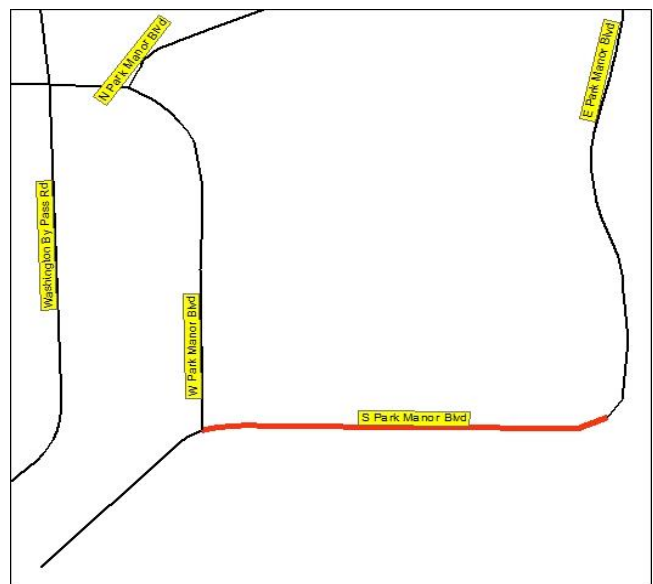
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt pavement overlay of 642' of South Park Manor Boulevard from East Park Manor Boulevard to West Park Manor Boulevard.

**Justification** The majority of the pavement on South Park Manor Boulevard 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	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$18,540	\$0	\$0	\$0	\$0	\$18,540
						\$0
						\$0
Project Totals	\$18,540	\$0	\$0	\$0	\$0	\$18,540



# Street Division

## West Park Manor Boulevard

**Project Number** 08-STR-014-22

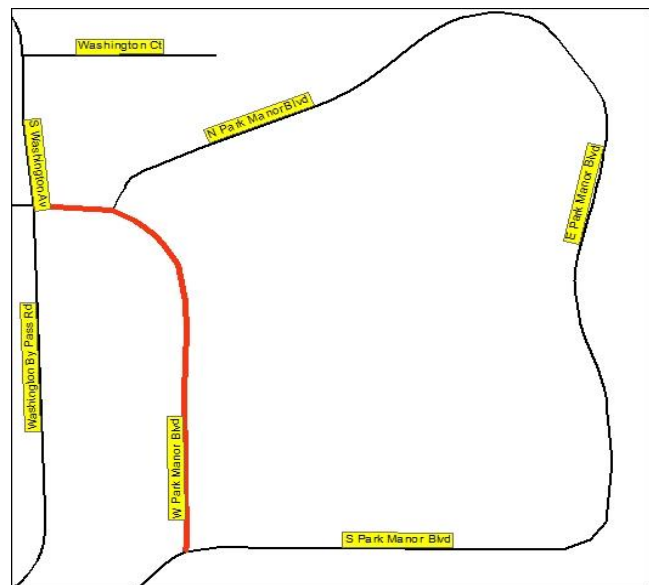
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt pavement overlay of 641' of West Park Manor Boulevard from South Park Manor Boulevard to North Park Manor Boulevard.

**Justification** The majority of the pavement on West Park Manor Boulevard 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	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$18,540	\$0	\$0	\$0	\$0	\$18,540
						\$0
						\$0
Project Totals	\$18,540	\$0	\$0	\$0	\$0	\$18,540



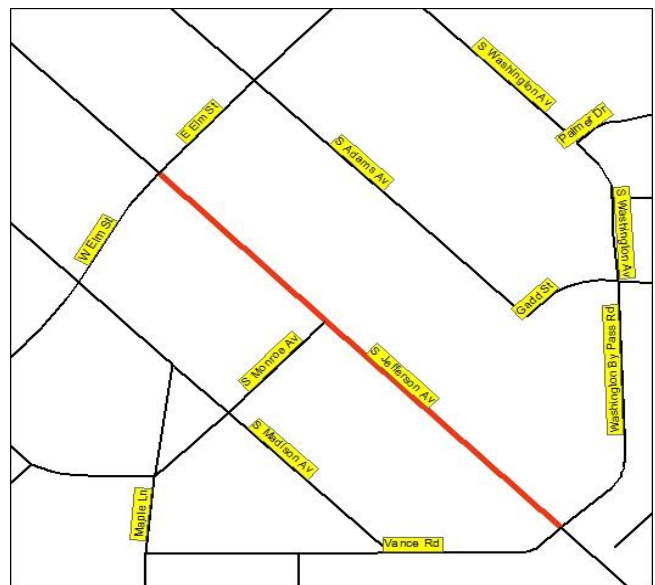


# Street Division

## 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	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$62,000	\$0	\$0	\$0	\$0	\$62,000
STP Funds	\$248,000	\$0	\$0	\$0	\$0	\$248,000
						\$0
Project Totals	\$310,000	\$0	\$0	\$0	\$0	\$310,000

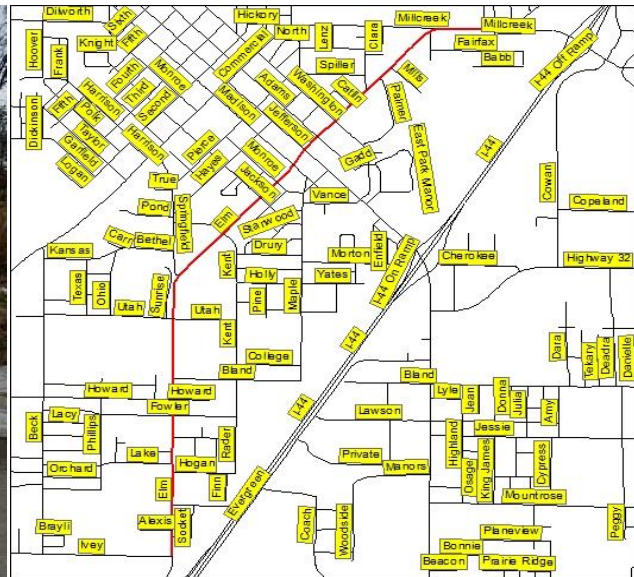


# Street Division

## Elm Street Asphalt Overlay

<b>Project Number</b>	08-STR-001-23
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Asphalt overlay of 6,260 linear feet of Elm Street from Historic Route 66 (Seminole) to Jefferson Avenue
<b>Justification</b>	The majority of the pavement on Elm Street is in good condition on the Pavement Condition Index. An asphalt overlay will be needed to protect the paved surface on Elm Street.

Funding Source	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$0	\$0	\$163,933	\$136,350	\$136,350	\$436,633
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$0</b>	<b>\$163,933</b>	<b>\$136,350</b>	<b>\$136,350</b>	<b>\$436,633</b>



# Street Division

## Hospital Drive Asphalt Overlay

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

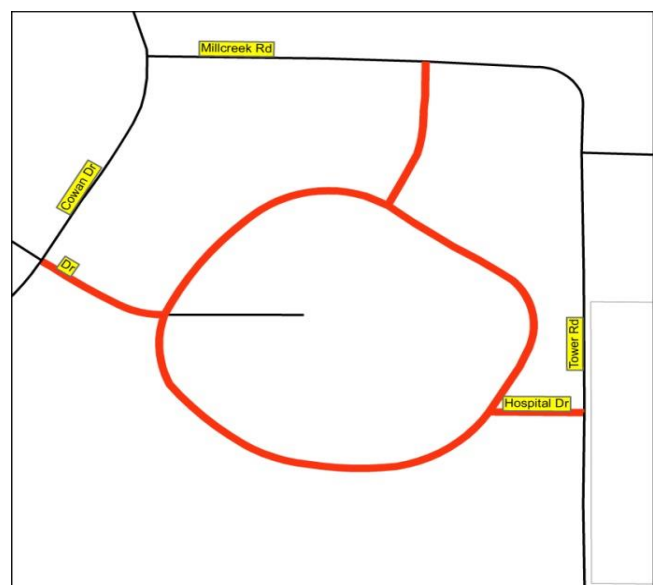
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt pavement overlay of 4,100 linear feet of Hospital Drive

**Justification** The pavement surface on Hospital Drive is in fair 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	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$0	\$118,400	\$0	\$0	\$0	\$118,400
						\$0
						\$0
Project Totals	\$0	\$118,400	\$0	\$0	\$0	\$118,400



# Street Division

## Albert Street Improvements

**Project Number** 08-STR-007-23

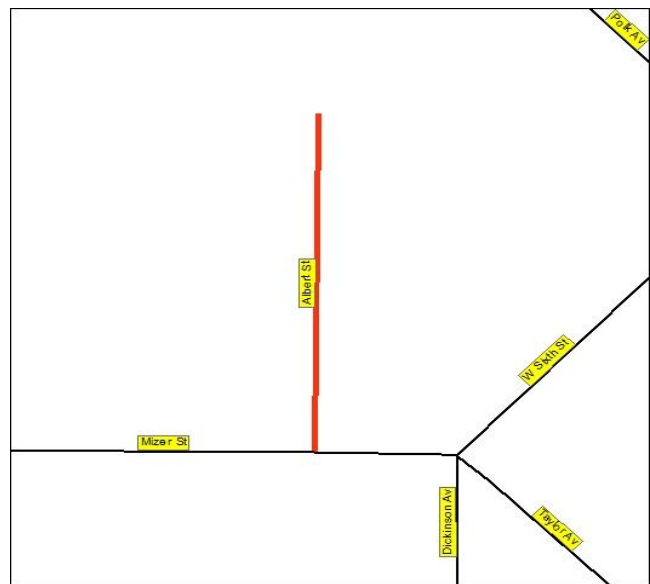
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Construct 320 linear feet of new 28-foot-wide street with curb and gutter and storm sewer from Mizer Street to the end of Albert Street.

**Justification** The current pavement inspection shows the pavement to be in failing condition on the Pavement Condition Index. Reconstruction of Albert Street will address the street surface condition, and will also address the street width and storm water issues in the area.

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$22,500	\$0	\$0	\$0	\$22,500
						\$0
						\$0
Project Totals	\$0	\$22,500	\$0	\$0	\$0	\$22,500



# Street Division

## Marvin Avenue Improvements

**Project Number** 08-STR-008-23

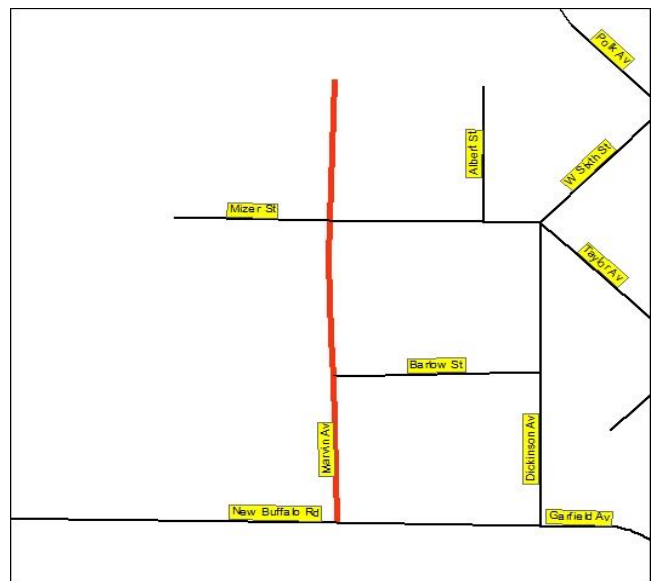
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Construct 680 linear feet of new 28-foot-wide street with curb and gutter and storm sewer from New Buffalo Road to the end of Marvin Avenue

**Justification** The current pavement inspection shows the pavement to be in very poor to failing condition on the Pavement Condition Index. Reconstruction of Marvin Avenue will address the street surface condition, and will also address the street width and storm water issues in the area

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$47,900	\$0	\$0	\$0	\$47,900
						\$0
						\$0
Project Totals	\$0	\$47,900	\$0	\$0	\$0	\$47,900



# Street Division

## Mizer Street Improvements

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

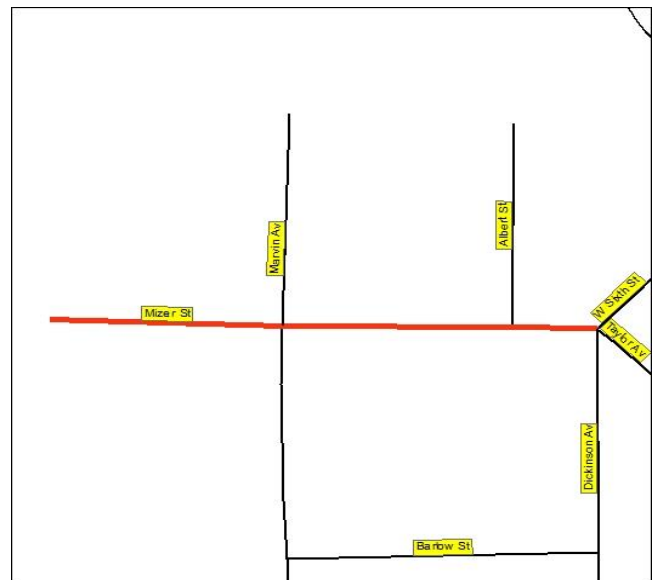
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Construct 450 linear feet of new 28-foot-wide street with curb and gutter and storm sewer from Sixth Street to Marvin Avenue

**Justification** The current pavement inspection shows the pavement to be in failing condition on the Pavement Condition Index. Reconstruction of Mizer Street will address the street surface condition, and will also address the street width and storm water issues in the area

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$31,600	\$0	\$0	\$0	\$31,600
						\$0
						\$0
Project Totals	\$0	\$31,600	\$0	\$0	\$0	\$31,600



# Street Division

## Barlow Street Improvements

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

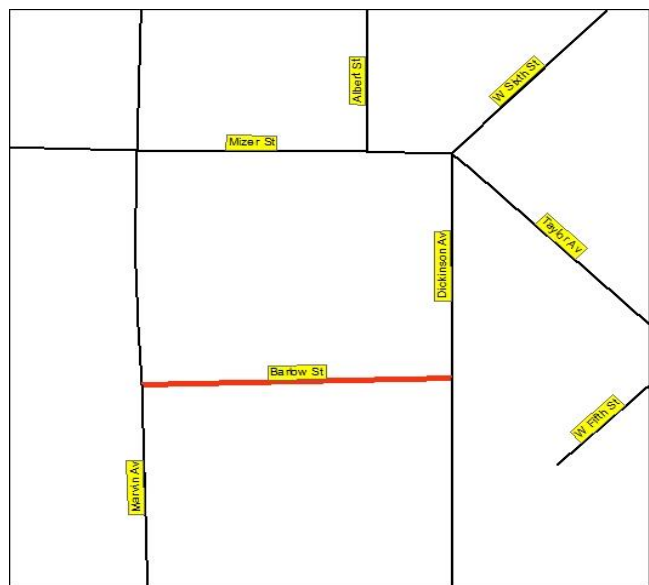
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Construct 450 linear feet of new 28-foot-wide street with curb and gutter and storm sewer from Dickinson Avenue to Marvin Avenue

**Justification** The current pavement inspection shows the pavement to be in very poor condition on the Pavement Condition Index. Reconstruction of Barlow Street will address the street surface condition, and will also address the street width and storm water issues in the area

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$31,600	\$0	\$0	\$0	\$31,600
						\$0
						\$0
Project Totals	\$0	\$31,600	\$0	\$0	\$0	\$31,600



# Street Division

## Dickinson Avenue Improvements

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

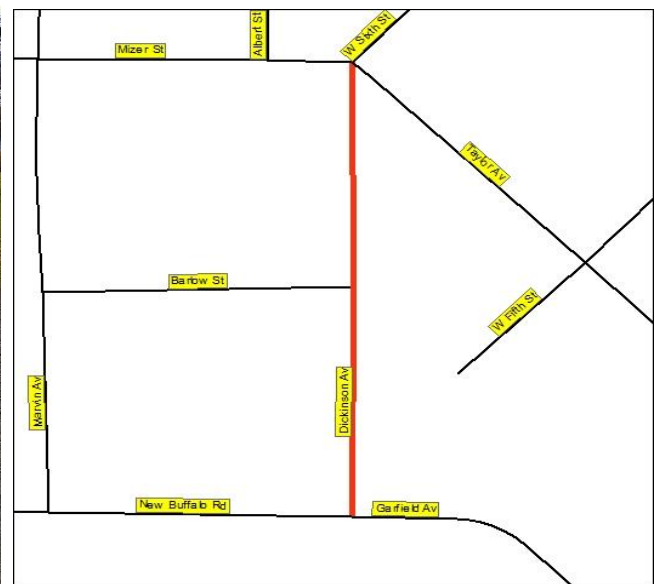
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Construct 450 linear feet of new 28-foot-wide street with curb and gutter and storm sewer from New Buffalo Road to Mizer Street

**Justification** The current pavement inspection shows the pavement to be in poor to very poor condition on the Pavement Condition Index. Reconstruction of Dickinson Avenue will address the street surface condition, and will also address the street width and storm water issues in the area

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$52,200	\$0	\$0	\$0	\$52,200
						\$0
						\$0
Project Totals	\$0	\$52,200	\$0	\$0	\$0	\$52,200



# Street Division

## Beck Lane

**Project Number** 08-STR-001-24

**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt pavement overlay of 1513' of Beck Lane from Utah Street to Commercial Street.

**Justification** The pavement on Monroe Avenue 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	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$0	\$0	\$68,200	\$0	\$0	\$68,200
						\$0
						\$0
Project Totals	\$0	\$0	\$68,200	\$0	\$0	\$68,200

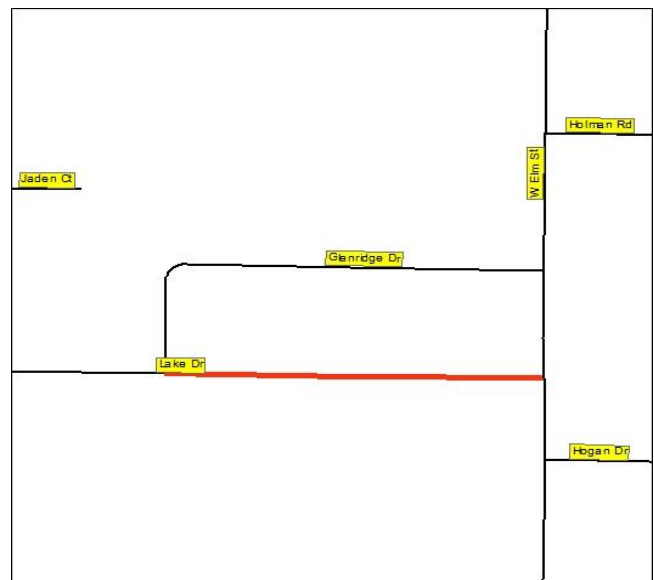


# Street Division

## Lake Drive

<b>Project Number</b>	08-STR-002-24
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Asphalt pavement overlay of 810' of Lake Drive from Elm Street to Glenridge Drive
<b>Justification</b>	The pavement on Lake Drive is in need of an asphalt overlay to address ride quality and reduce pavement distresses, while increasing the useful life of the roadway

Funding Source	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$0	\$0	\$42,650	\$0	\$0	\$42,650
						\$0
						\$0
Project Totals	\$0	\$0	\$42,650	\$0	\$0	\$42,650



# Street Division

## Sherman Avenue

**Project Number** 08-STR-003-24

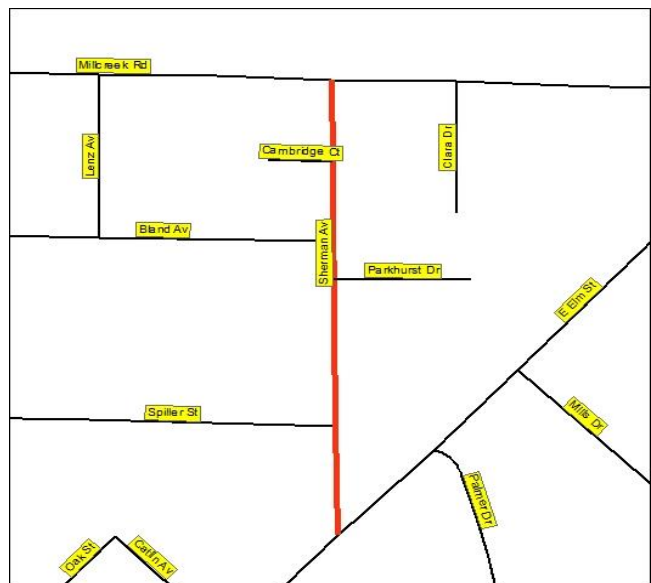
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt pavement overlay of 1410' of Sherman Avenue from Elm Street to Millcreek Road

**Justification** The pavement on Sherman Avenue is in need of an asphalt overlay to address ride quality and reduce pavement distresses, while increasing the useful life of the roadway.

Funding Source	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$0	\$0	\$74,175	\$0	\$0	\$74,175
						\$0
						\$0
Project Totals	\$0	\$0	\$74,175	\$0	\$0	\$74,175



# Street Division

## Green Street

**Project Number** 08-STR-005-24

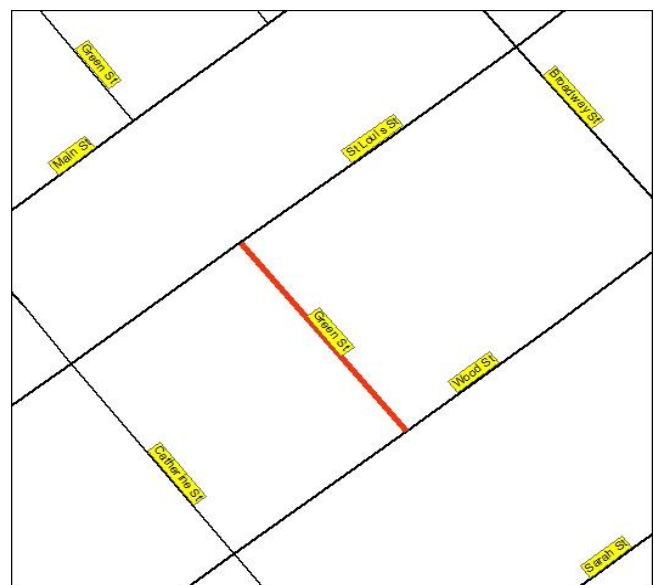
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt pavement overlay of 375' of Green Street from St. Louis Street to Wood Street

**Justification** The pavement on Green 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	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$0	\$0	\$17,590	\$0	\$0	\$17,590
						\$0
						\$0
Project Totals	\$0	\$0	\$17,590	\$0	\$0	\$17,590



# Street Division

## Lincoln Avenue

**Project Number** 08-STR-006-24

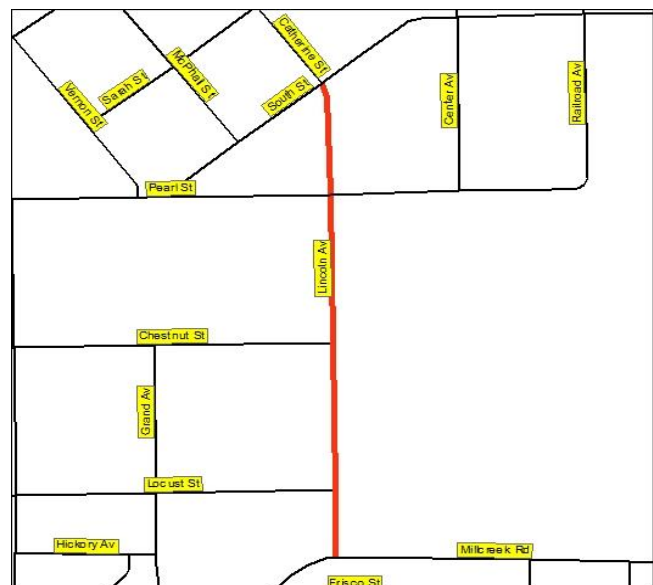
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt pavement overlay of 1500' of Lincoln Avenue from Millcreek Road to South Street

**Justification** The pavement on Lincoln Avenue 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	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$0	\$0	\$91,900	\$0	\$0	\$91,900
						\$0
						\$0
Project Totals	\$0	\$0	\$91,900	\$0	\$0	\$91,900

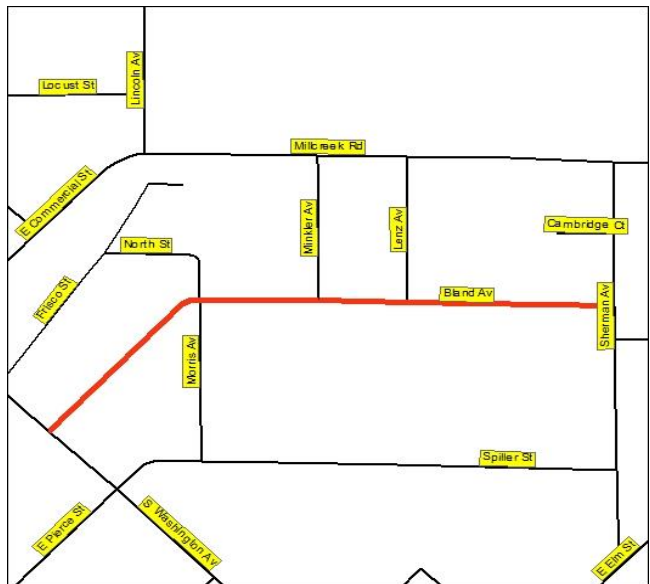


# Street Division

## Bland Avenue

<b>Project Number</b>	08-STR-007-24
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Asphalt pavement overlay of 2020' of Bland Avenue from Washington Avenue to Sherman Avenue
<b>Justification</b>	The pavement on Bland Avenue is in good 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	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$0	\$0	\$0	\$0	\$110,110	\$110,110
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$110,110</b>	<b>\$110,110</b>



# Street Division

## Lawson Road

**Project Number** 08-STR-001-25

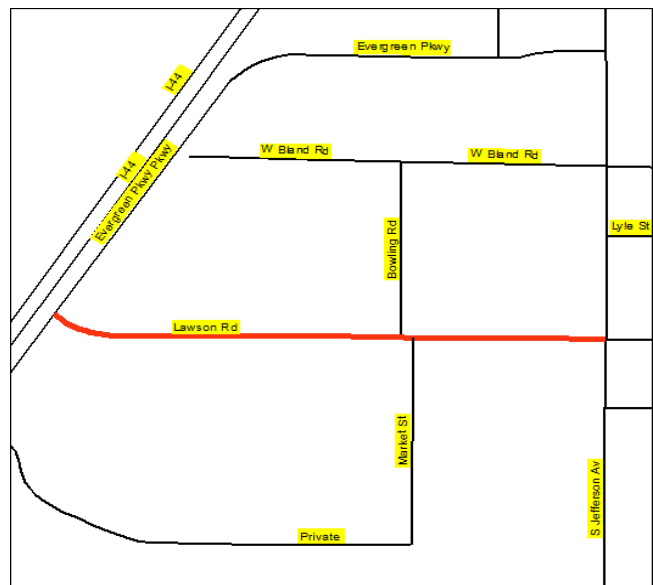
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt pavement overlay of 2400' of Lawson Road from Jefferson Avenue to Evergreen Parkway

**Justification** The pavement on Lawson Road 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	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$0	\$0	\$0	\$0	\$121,000	\$121,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$121,000	\$121,000

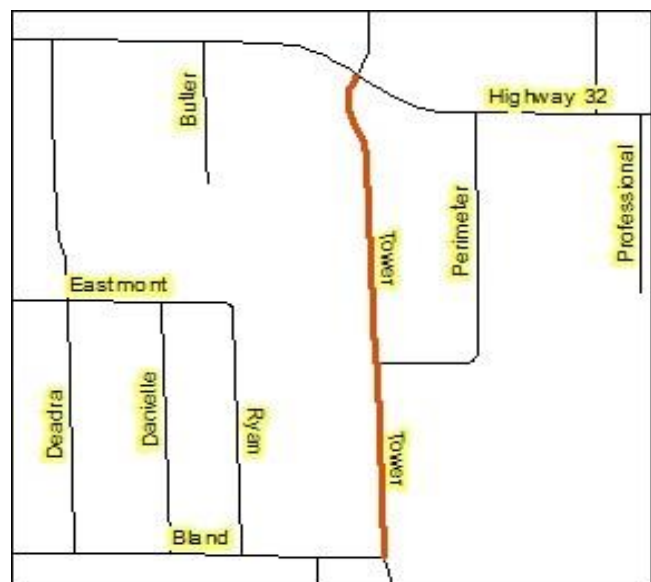
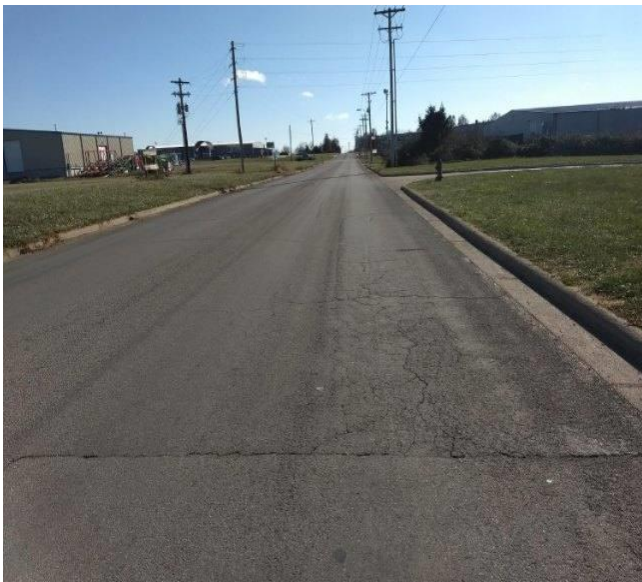


# Street Division

## Tower Road

<b>Project Number</b>	08-STR-002-25
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Asphalt pavement overlay of 2500' of Tower Road from Bland Road to Highway 32.
<b>Justification</b>	The pavement on Tower Road 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	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$0	\$0	\$0	\$0	\$113,000	\$113,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$113,000	\$113,000

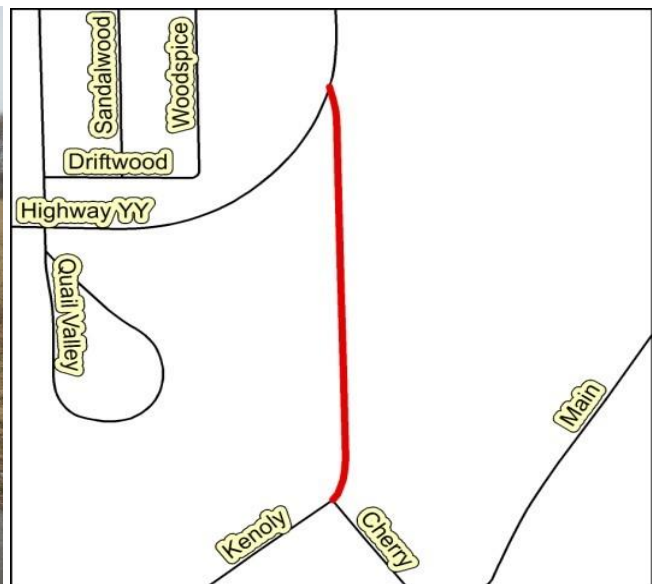


# Street Division

## Tuscumbia Road

<b>Project Number</b>	08-STR-003-25
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Asphalt pavement overlay of 1745' of Tuscumbia Road from Cherry Street to Highway YY
<b>Justification</b>	The pavement on Tuscumbia Road 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	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$0	\$0	\$0	\$0	\$59,000	\$59,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$59,000	\$59,000

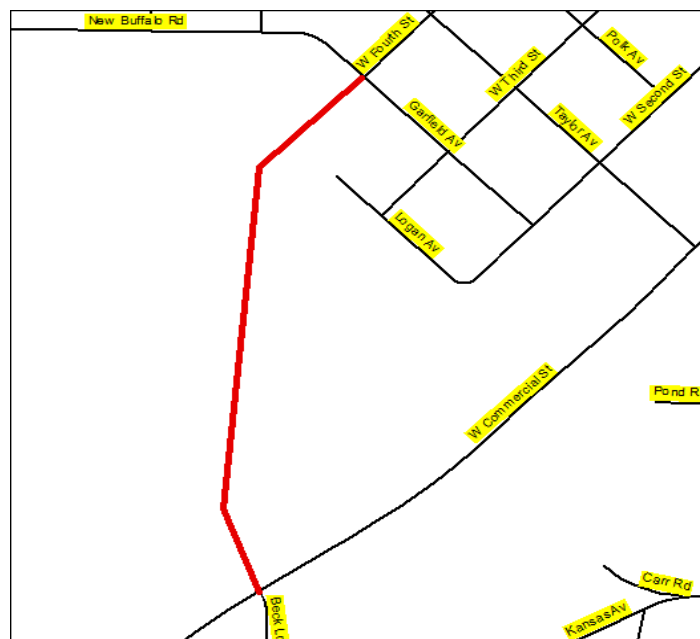


# Street Division

## Fourth Street

<b>Project Number</b>	08-STR-005-25
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	New construction of 3,000 linear feet of street from Garfield Avenue to Highway 32.
<b>Justification</b>	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

Funding Source	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$0	\$0	\$0	\$655,000	\$0	\$655,000
						\$0
						\$0
<b>Project Totals</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$655,000</b>	<b>\$0</b>	<b>\$655,000</b>



# Street Division

## Street Sweeper

**Project Number** 08-STR-006-25

**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Purchase of new street sweeper to replace a 2016 model unit. Lease purchase street sweeper for 5 years at \$50,000 per year

**Justification** 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	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$0	\$0	\$250,000	\$0	\$250,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$250,000	\$0	\$250,000



# Street Division

## 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	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$0	\$0	\$0	\$55,000	\$55,000
Trade-in of Existing Equipment	\$0	\$0	\$0	\$0	\$10,000	\$10,000
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$65,000	\$65,000

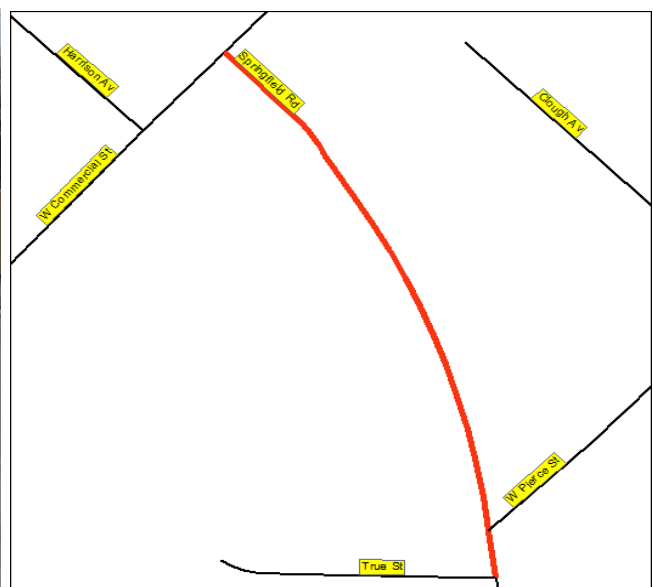


# Street Division

## Springfield Road Sidewalk Improvements

<b>Project Number</b>	08-STR-010-25
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	08 - 500 - Street Operation
<b>Description</b>	Construction of sidewalk along one side of 750 linear feet of Springfield Road from True Street to Commercial Street
<b>Justification</b>	An ADA compliant sidewalk along Springfield Road is needed to meet pedestrian traffic and safety issues.

Funding Source	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$0	\$0	\$0	\$20,000	\$0	\$20,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$20,000	\$0	\$20,000



# Street Division

## Madison Avenue Overlay

**Project Number** 08-STR-001-20

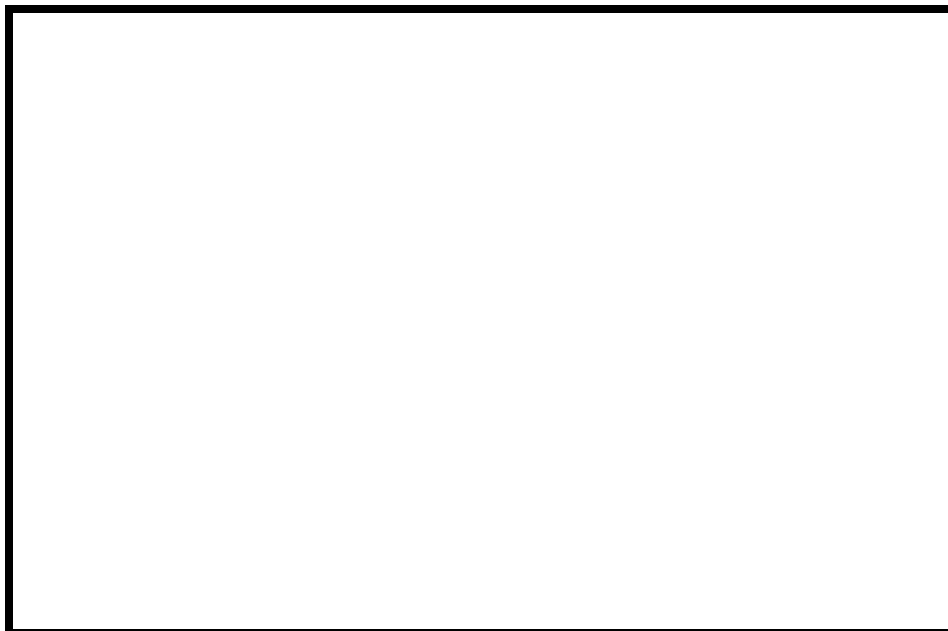
**Improvement Type** Land & Land Improvements

**Division** 08 - 500 - Street Operation

**Description** Asphalt overlay of 4,880' of Madison Avenue from Bennett Street to Commercial Street and from Railroad tracks to Elm Street

**Justification** The majority of the pavement on Madison Avenue 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	2022	2023	2024	2025	2026	Total
Transportation Sales Tax	\$142,000	\$0	\$0	\$0	\$0	\$142,000
						\$0
						\$0
Project Totals	\$142,000	\$0	\$0	\$0	\$0	\$142,000



# Street Division

## Computer Systems

**Project Number** 08-STR-23-21

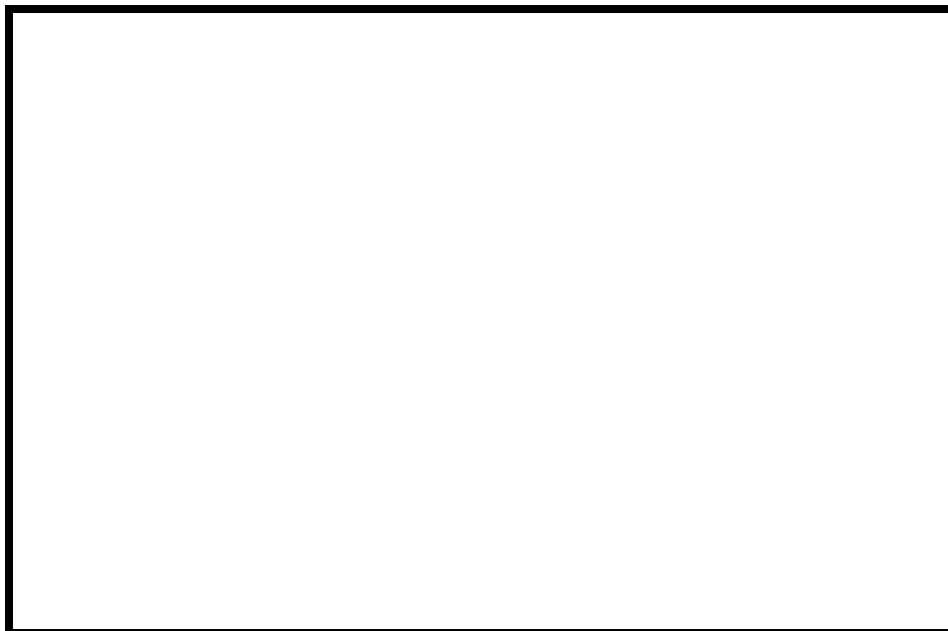
**Improvement Type** Machinery & Equipment

**Division** 08 - 500 - Street Operation

**Description** Replacement systems

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

Funding Source	2022	2023	2024	2025	2026	Total
Street Fund	\$0	\$5,000	\$0	\$5,000	\$0	\$10,000
						\$0
						\$0
Project Totals	\$0	\$5,000	\$0	\$5,000	\$0	\$10,000



# Waste Water

## Overview

Wastewater projects are designed to support the operations of the municipal wastewater system, including the prevention of introduction of pollutants into the system and improving opportunities to reclaim and recycle wastewater and sludge

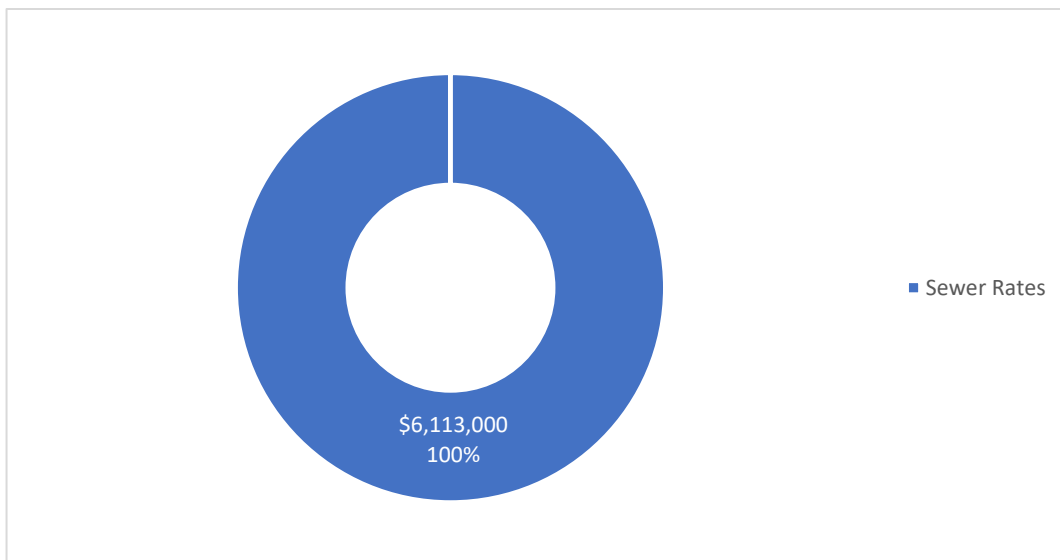
### Funding

Capital improvement projects for the Wastewater division are funded primarily using revenues generated from wastewater customer fees and rates. Certain large-scale Wastewater division projects also use bond proceeds as a funding source.

### Projects

Capital projects for the Wastewater division are based on a combination of staff-identified needs, requests from City Council, customer needs, and ongoing maintenance requirements.

### Project Funding Source



# Waste Water

## Collection Improvements- Goodwin Hollow Watershed

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

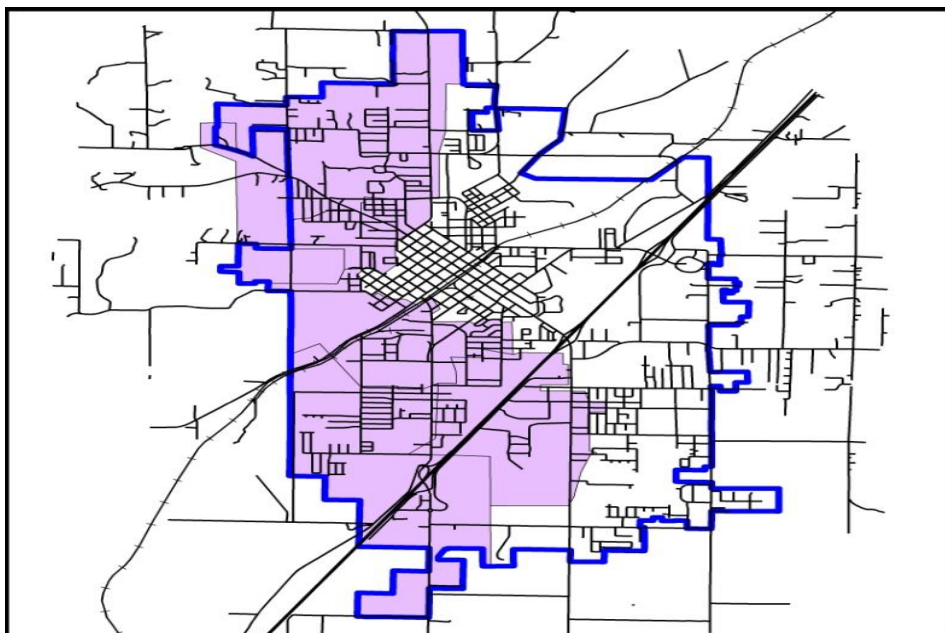
**Improvement Type** Land & Land Improvements

**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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$700,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,700,000
						\$0
						\$0
Project Totals	\$700,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,700,000



# Waste Water

## Pickup Trucks

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

**Improvement Type** Machinery & Equipment

**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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$0	\$30,000	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$0	\$30,000	\$0	\$0	\$0	\$30,000



# Waste Water

## Wastewater Treatment Plant Existing/New Asphalt and Concrete

<b>Project Number</b>	85-WWO-001-17
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	85 - 200 - WWTP and Operation
<b>Description</b>	Overlay approximately 1600 feet long by 22 feet wide 2-inch-thick asphalt driveway with 2 inches. Note: Formerly 85-ENV-001-17
<b>Justification</b>	The existing asphalt driveway is showing signs of deterioration. Concrete and asphalt areas identified on the plans PH 2 improvements

Funding Source	2022	2023	2024	2025	2026	Total
Sewer Rates	\$40,000	\$0	\$0	\$0	\$0	\$40,000
						\$0
						\$0
Project Totals	\$40,000	\$0	\$0	\$0	\$0	\$40,000



# Waste Water

## Backhoe

<b>Project Number</b>	85-WWO-001-18
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	85 - 200 - WWTP and Operation
<b>Description</b>	Purchase of a new backhoe to replace a 2007 model unit. Note: Formerly 85- ENV-001-18
<b>Justification</b>	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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$145,000	\$0	\$0	\$0	\$0	\$145,000
						\$0
						\$0
Project Totals	\$145,000	\$0	\$0	\$0	\$0	\$145,000



# 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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$5,000	\$5,000	\$7,500	\$7,500	\$7,500	\$32,500
						\$0
						\$0
Project Totals	\$5,000	\$5,000	\$7,500	\$7,500	\$7,500	\$32,500



# 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	2022	2023	2024	2025	2026	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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$0	\$0	\$0	\$0	\$6,500	\$6,500
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$6,500	\$6,500



# Waste Water

## Combination Cleaning Unit

**Project Number** 85-WWO-007-20

**Improvement Type** Machinery & Equipment

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

**Description** Combination Cleaning Unit. Note: Formerly 85-ENV-007-20

**Justification** The existing 2005 Vactor backup combination unit will be 15 years and the Vacall main unit will be 5 years old. The cleaning truck is a critical piece of equipment used to assist the department in quality wastewater service to our customers and protecting the environment. The Hydro excavating function is also utilized by the

Funding Source	2022	2023	2024	2025	2026	Total
Sewer Rates	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$400,000
						\$0
						\$0
Project Totals	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$400,000



# Waste Water

## Sewer Main: Perry Street

**Project Number** 85-WWO-004-21

**Improvement Type** Land & Land Improvements

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

**Description** 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

**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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$40,000	\$0	\$0	\$0	\$0	\$40,000
						\$0
						\$0
Project Totals	\$40,000	\$0	\$0	\$0	\$0	\$40,000



# Waste Water

## IDEX

<b>Project Number</b>	85-WWO-005-21
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	85 - 200 - WWTP and Operation
<b>Description</b>	Replacement of EPA compliant E. coli testing equipment. Note: Formerly 85-ENV005-21
<b>Justification</b>	This will replace the existing testing equipment that is used in weekly DNR compliance testing. The existing equipment will have reached the end of its useful service life.

Funding Source	2022	2023	2024	2025	2026	Total
Sewer Rates	\$6,000	\$0	\$0	\$0	\$0	\$6,000
						\$0
						\$0
Project Totals	\$6,000	\$0	\$0	\$0	\$0	\$6,000

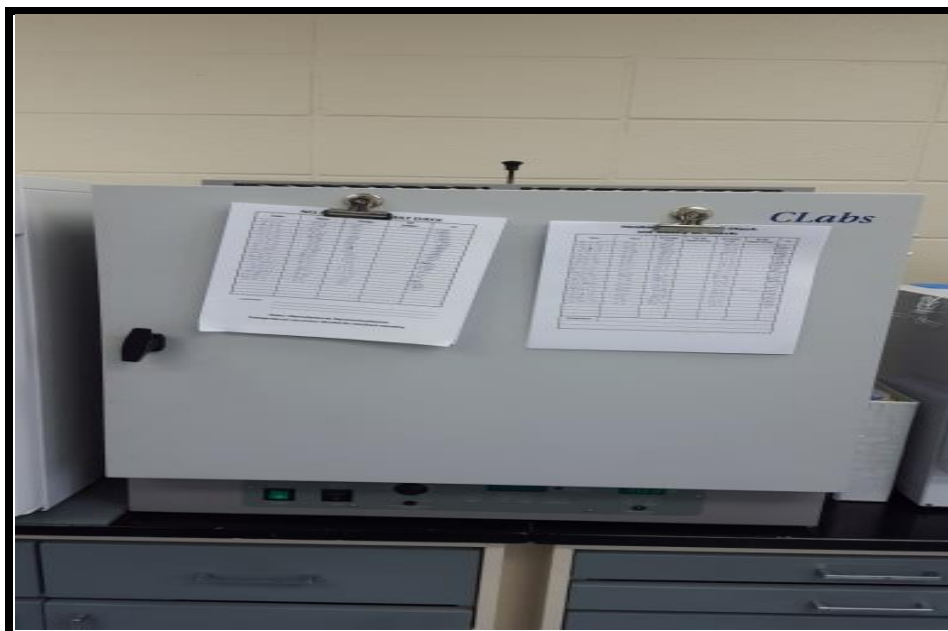


# Waste Water

## 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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$5,000	\$0	\$0	\$0	\$0	\$5,000
						\$0
						\$0
Project Totals	\$5,000	\$0	\$0	\$0	\$0	\$5,000



# Waste Water

## Sewer Main: Hayes Street

**Project Number** 85-WWO-001-22

**Improvement Type** Land & Land Improvements

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

**Description** Dig up and replace 2 manholes and 250 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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$16,000	\$0	\$0	\$0	\$0	\$16,000
						\$0
						\$0
Project Totals	\$16,000	\$0	\$0	\$0	\$0	\$16,000



# Waste Water

## Sewer Main: Stave Mill Easement

**Project Number** 85-WWO-002-22

**Improvement Type** Land & Land Improvements

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

**Description** Dig up and replace 4 manholes and 805 linear feet of 8-inch diameter Clay Tile pipe and 400 linear feet of 10-inch diameter clay with 8-inch and 10-inch diameter PVC.

**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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$30,000	\$0	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$30,000	\$0	\$0	\$0	\$0	\$30,000



# Waste Water

## South Highway 5 Lift Station

**Project Number** 85-WWO-001-23

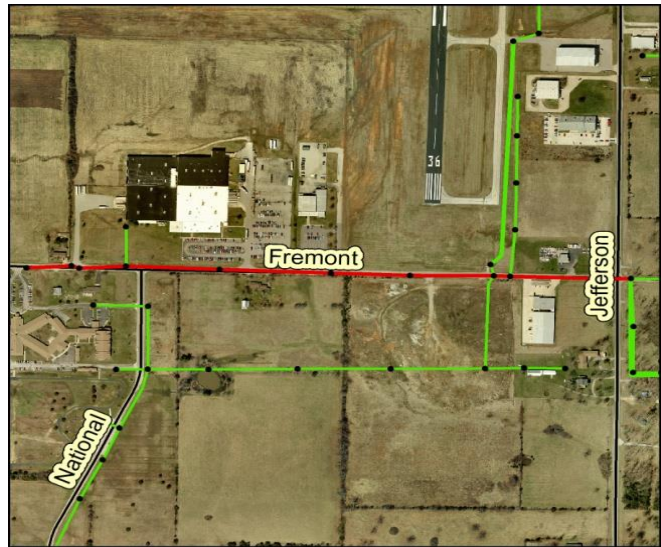
**Improvement Type** Land & Land Improvements

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

**Description** 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

**Justification** 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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$0	\$0	\$0	\$200,000	\$0	\$200,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$200,000	\$0	\$200,000



# 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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$0	\$0	\$25,000	\$0	\$0	\$25,000
						\$0
						\$0
Project Totals	\$0	\$0	\$25,000	\$0	\$0	\$25,000



# 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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$40,000	\$0	\$0	\$0	\$0	\$40,000
						\$0
						\$0
Project Totals	\$40,000	\$0	\$0	\$0	\$0	\$40,000



# Waste Water

## WWTP Perimeter Fence

**Project Number** 85-WWO-007-21

**Improvement Type** Building & Building Improvements

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

**Description** Install 2,500 feet of 6 foot chain link fence around the WWTP

**Justification** This will keep us in compliance with Department of Natural Resources regulations by securing the facility and limiting access

Funding Source	2022	2023	2024	2025	2026	Total
Sewer Rates	\$60,000	\$0	\$0	\$0	\$0	\$60,000
						\$0
						\$0
Project Totals	\$60,000	\$0	\$0	\$0	\$0	\$60,000



# 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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$0	\$4,000	\$0	\$0	\$0	\$4,000
						\$0
						\$0
Project Totals	\$0	\$4,000	\$0	\$0	\$0	\$4,000



# 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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$40,000	\$0	\$0	\$0	\$0	\$40,000
						\$0
						\$0
Project Totals	\$40,000	\$0	\$0	\$0	\$0	\$40,000



# 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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$10,000	\$0	\$0	\$0	\$0	\$10,000
						\$0
						\$0
Project Totals	\$10,000	\$0	\$0	\$0	\$0	\$10,000



# Waste Water

## Liftstation Critical Parts

**Project Number** 85-WWO-009-19

**Improvement Type** Machinery & Equipment

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

**Description** Critical parts to keep the 43 liftstations operational

**Justification** Purchasing Critical parts and having them on hand will help eliminate a wastewater backup and/or overflow

Funding Source	2022	2023	2024	2025	2026	Total
Sewer Rates	\$25,000	\$25,000	\$0	\$0	\$0	\$50,000
						\$0
						\$0
Project Totals	\$25,000	\$25,000	\$0	\$0	\$0	\$50,000



# Waste Water

## Wastewater Equipment Repairs

**Project Number** 85-WWO-008-21

**Improvement Type** Machinery & Equipment

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

**Description** Replacement/Rebuild of Wastewater Pumps, Motors, and Equipment

**Justification** Maintain equipment to insure reliability and to help reduce wastewater backups/overflows

Funding Source	2022	2023	2024	2025	2026	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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$0	\$0	\$0	\$0	\$75,000	\$75,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$75,000	\$75,000



# 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	2022	2023	2024	2025	2026	Total
Sewer Rates	\$0	\$0	\$0	\$4,000	\$4,000	\$8,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$4,000	\$4,000	\$8,000



# Water

## Overview

Water projects are designed to support the operations of the municipal water utility. The City water distribution system is made up of approximately 120 miles of distribution lines ranging from 6" to 12" in size. The City operates 7 deep wells (2.50M gallons/day), 2 booster pump stations, and 5 elevated water towers (4 towers/500,000G each, tower behind Mercy 1.0MG), providing water to all customers within the city limits where water is required.

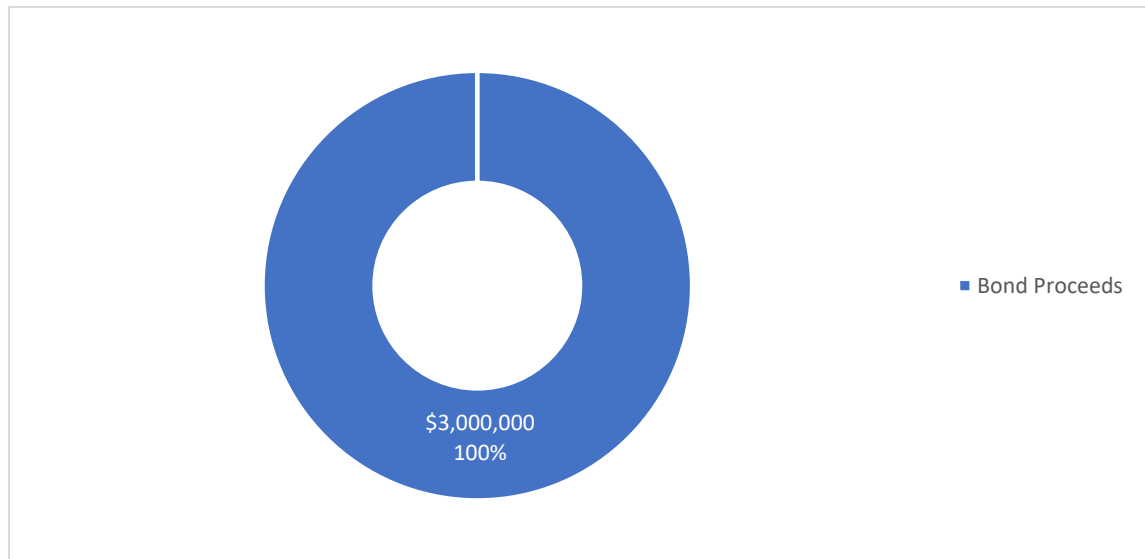
### Funding

Capital improvement projects for the Water division are funded primarily using revenues generated from water and wastewater customer fees and rates. Certain large-scale Water division projects also use bond proceeds as a funding source.

### Projects

Capital projects for the Water division are based on a combination of staff-identified needs, requests from City Council, customer needs, and ongoing maintenance requirements.

### Project Funding Source



# Water

## Dump Truck

**Project Number** 87-WTR-007-15

**Improvement Type** Machinery & Equipment

**Division** 87 - 200 - Water Operation

**Description** Purchase of new tandem axle dump truck to replace a 2002 model unit. Note: Formerly 87-ENV-007-15

**Justification** Tandem axle dump trucks are used to haul dirt, haul aggregate, plow snow, and to spread de-icing materials. Tandem axle dump trucks being replaced are approaching the end of expected life.

Funding Source	2022	2023	2024	2025	2026	Total
Water Rates	\$145,000	\$0	\$0	\$0	\$0	\$145,000
						\$0
						\$0
Project Totals	\$145,000	\$0	\$0	\$0	\$0	\$145,000



# Water

## Park Manor Water Line Replacement

<b>Project Number</b>	87-WTR-002-17
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	87 - 200 - Water Operation
<b>Description</b>	Replace approximately 1,800 linear feet of 4-inch Cast Iron water line and 41 services with a 6-inch pvc water line
<b>Justification</b>	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	2022	2023	2024	2025	2026	Total
Water Rates	\$55,000	\$0	\$0	\$0	\$0	\$55,000
						\$0
						\$0
Project Totals	\$55,000	\$0	\$0	\$0	\$0	\$55,000



# 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	2022	2023	2024	2025	2026	Total
Bond Proceeds	\$0	\$0	\$0	\$0	\$3,000,000	\$3,000,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$3,000,000	\$3,000,000



# Water

## Pickup Trucks

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

**Improvement Type** Machinery & Equipment

**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	2022	2023	2024	2025	2026	Total
Water Rates	\$0	\$30,000	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$0	\$30,000	\$0	\$0	\$0	\$30,000



# Water

## Service Truck

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

**Improvement Type** Machinery & Equipment

**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	2022	2023	2024	2025	2026	Total
Water Rates	\$90,000	\$0	\$0	\$0	\$0	\$90,000
						\$0
						\$0
Project Totals	\$90,000	\$0	\$0	\$0	\$0	\$90,000



# Water

## 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	2022	2023	2024	2025	2026	Total
Water Rates	\$5,000	\$5,000	\$7,500	\$7,500	\$7,500	\$32,500
						\$0
						\$0
Project Totals	\$5,000	\$5,000	\$7,500	\$7,500	\$7,500	\$32,500



# Water

## 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	2022	2023	2024	2025	2026	Total
Water Rates	\$15,000	\$6,000	\$6,000	\$6,000	\$6,000	\$39,000
						\$0
						\$0
Project Totals	\$15,000	\$6,000	\$6,000	\$6,000	\$6,000	\$39,000



# 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	2022	2023	2024	2025	2026	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

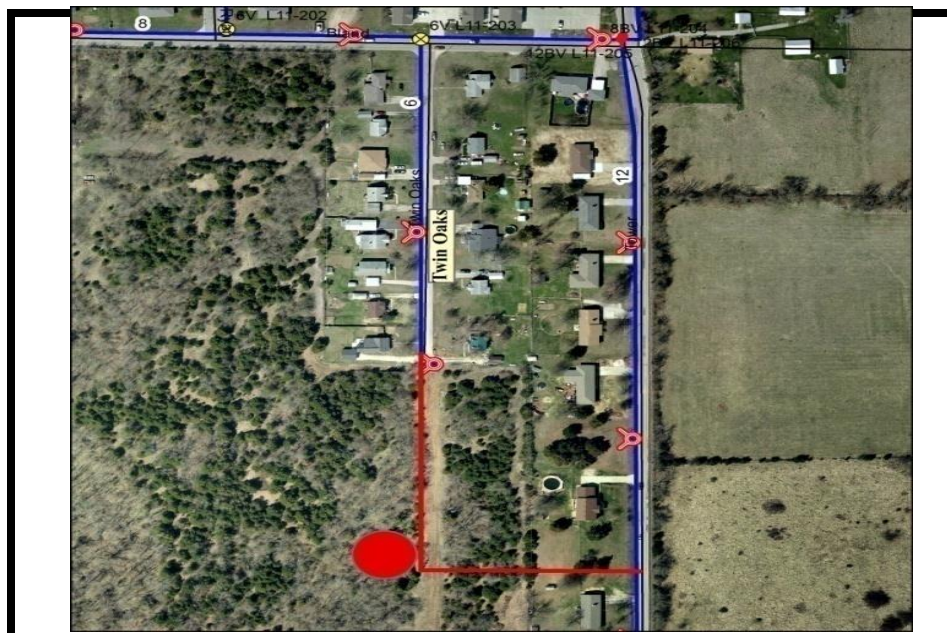


# Water

## 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	2022	2023	2024	2025	2026	Total
Water Rates	\$16,000	\$0	\$0	\$0	\$0	\$16,000
						\$0
						\$0
Project Totals	\$16,000	\$0	\$0	\$0	\$0	\$16,000



# Water

## Water Main: Owens

<b>Project Number</b>	87-WTR-001-22
<b>Improvement Type</b>	Land & Land Improvements
<b>Division</b>	87 - 200 - Water Operation
<b>Description</b>	Install 650 linear feet of 6-inch PVC water line along Owens Drive between Springfield and Elm Street. Note: Formerly 87-ENV-001-22
<b>Justification</b>	This will create a loop feed improving the water distribution system in this area of the distribution system. This is being done in conjunction with the street improvements

Funding Source	2022	2023	2024	2025	2026	Total
Water Rates	\$22,000	\$0	\$0	\$0	\$0	\$22,000
						\$0
						\$0
Project Totals	\$22,000	\$0	\$0	\$0	\$0	\$22,000



# Water

## Water Tie Line: New Buffalo Road to Public Works

**Project Number** 87-WTR-002-22

**Improvement Type** Land & Land Improvements

**Division** 87 - 200 - Water Operation

**Description** Install 4,200 linear feet of 12-inch PVC water line. Note: Formerly 87-ENV-002-22

**Justification** This will create a loop feed improving the water distribution system in this area of the distribution system.

Funding Source	2022	2023	2024	2025	2026	Total
Water Rates	\$140,000	\$0	\$0	\$0	\$0	\$140,000
						\$0
						\$0
Project Totals	\$140,000	\$0	\$0	\$0	\$0	\$140,000



# 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	2022	2023	2024	2025	2026	Total
Water Rates	\$0	\$25,000	\$0	\$0	\$0	\$25,000
						\$0
						\$0
Project Totals	\$0	\$25,000	\$0	\$0	\$0	\$25,000



# 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	2022	2023	2024	2025	2026	Total
Water Rates	\$0	\$40,000	\$0	\$0	\$0	\$40,000
						\$0
						\$0
Project Totals	\$0	\$40,000	\$0	\$0	\$0	\$40,000



# 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	2022	2023	2024	2025	2026	Total
Water Rates	\$0	\$21,000	\$0	\$0	\$0	\$21,000
						\$0
						\$0
Project Totals	\$0	\$21,000	\$0	\$0	\$0	\$21,000



# 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	2022	2023	2024	2025	2026	Total
Water Rates	\$0	\$100,000	\$0	\$0	\$0	\$100,000
						\$0
						\$0
Project Totals	\$0	\$100,000	\$0	\$0	\$0	\$100,000



# Water

## Directional Drill Equipment

<b>Project Number</b>	87-WTR-008-16
<b>Improvement Type</b>	Machinery & Equipment
<b>Division</b>	87 - 200 - Water Operation
<b>Description</b>	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
<b>Justification</b>	This will give the City the ability to install Water/Wastewater and Electric Utilities without disturbing expensive infrastructure and landscaping

Funding Source	2022	2023	2024	2025	2026	Total
Water Rates	\$100,000	\$0	\$0	\$0	\$0	\$100,000
						\$0
						\$0
Project Totals	\$100,000	\$0	\$0	\$0	\$0	\$100,000

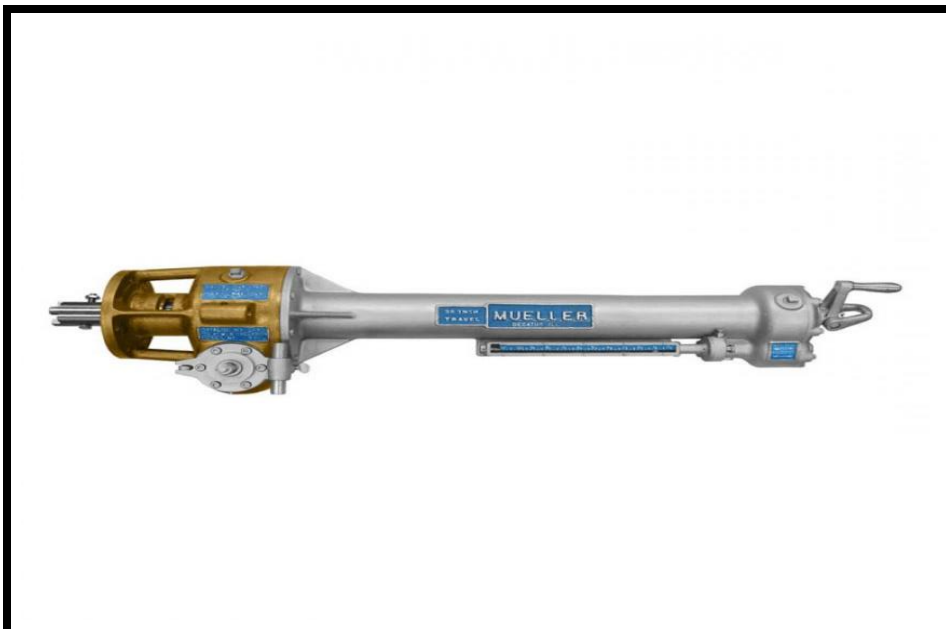


# Water

## 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	2022	2023	2024	2025	2026	Total
Water Rates	\$35,000	\$0	\$0	\$0	\$0	\$35,000
						\$0
						\$0
Project Totals	\$35,000	\$0	\$0	\$0	\$0	\$35,000

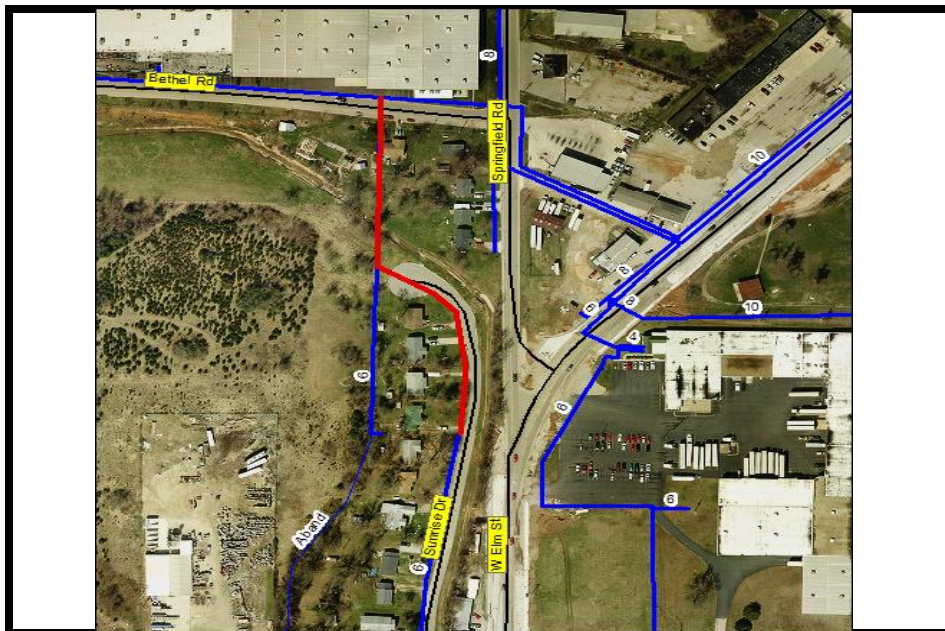


# Water

## 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	2022	2023	2024	2025	2026	Total
Water Rates	\$0	\$0	\$0	\$20,000	\$0	\$20,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$20,000	\$0	\$20,000



# Water

## Portable Trash Pump

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

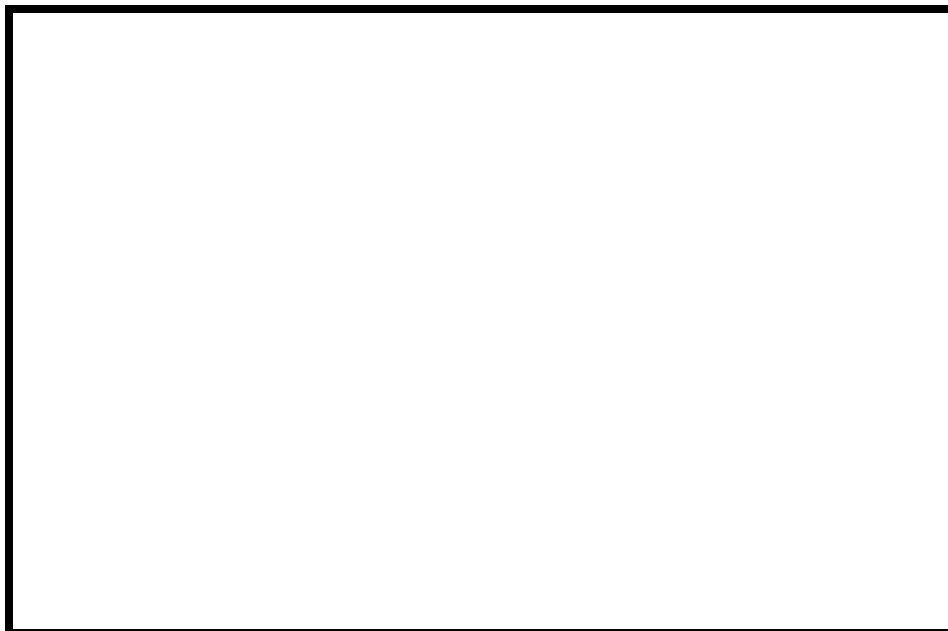
**Improvement Type** Machinery & Equipment

**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	2022	2023	2024	2025	2026	Total
Water Rates	\$0	\$4,000	\$0	\$0	\$4,000	\$8,000
						\$0
						\$0
Project Totals	\$0	\$4,000	\$0	\$0	\$4,000	\$8,000



# Water

## Administrative Vehicle

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

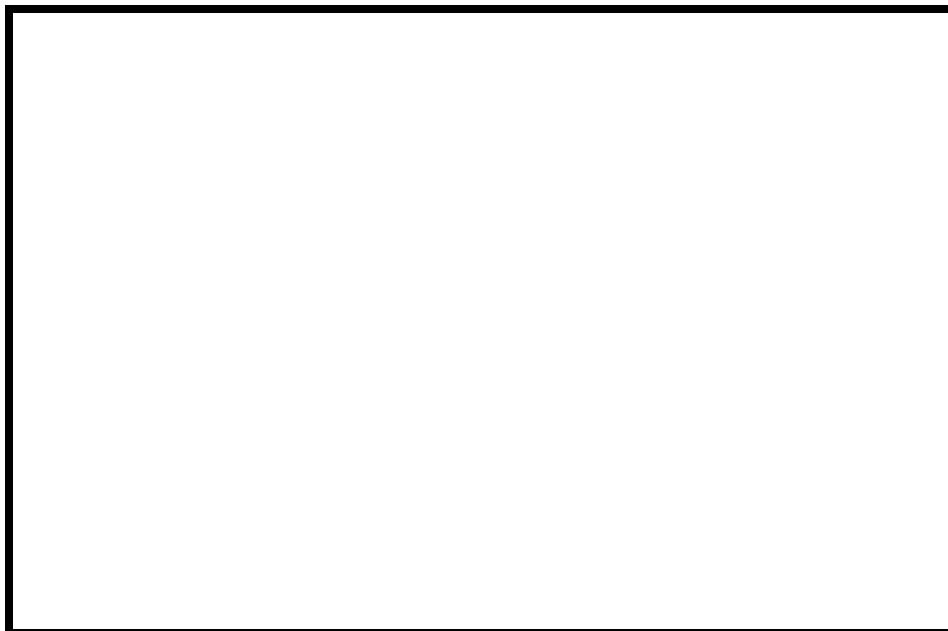
**Improvement Type** Machinery & Equipment

**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	2022	2023	2024	2025	2026	Total
Water Rates	\$0	\$0	\$0	\$0	\$40,000	\$40,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$40,000	\$40,000



# Water

## 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	2022	2023	2024	2025	2026	Total
Water Rates	\$30,000	\$0	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$30,000	\$0	\$0	\$0	\$0	\$30,000



# 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	2022	2023	2024	2025	2026	Total
Water Rates	\$120,000	\$0	\$0	\$0	\$0	\$120,000
						\$0
						\$0
Project Totals	\$120,000	\$0	\$0	\$0	\$0	\$120,000



# Water

## 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	2022	2023	2024	2025	2026	Total
Water Rates	\$30,000	\$0	\$0	\$0	\$0	\$30,000
						\$0
						\$0
Project Totals	\$30,000	\$0	\$0	\$0	\$0	\$30,000



# 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	2022	2023	2024	2025	2026	Total
Water Rates	\$0	\$60,000	\$0	\$0	\$0	\$60,000
						\$0
						\$0
Project Totals	\$0	\$60,000	\$0	\$0	\$0	\$60,000



# Water

## Ostrich Lane Water Line

**Project Number** 87-WTR-001-19

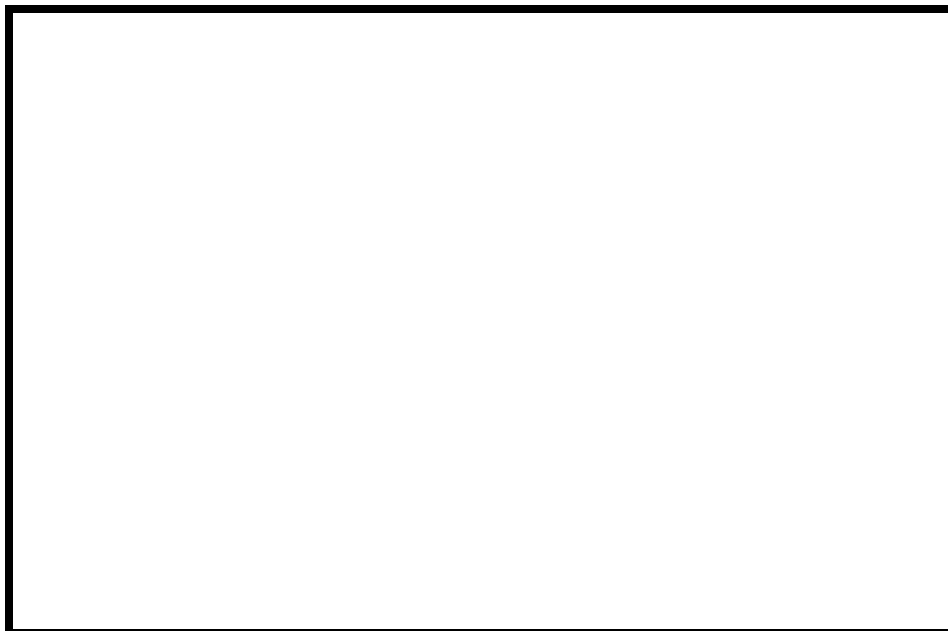
**Improvement Type** Land & Land Improvements

**Division** 87 - 200 - Water Operation

**Description** Construct 3,500 linear feet of 12 inch water main

**Justification** The existing water line was acquired from the Laclede County Public Water Supply District #3 and currently does not provide adequate fire flows. Installation of this line will provide fire flow and more reliable water supply to customers on Ostrich Lane & Ostrich Drive

Funding Source	2022	2023	2024	2025	2026	Total
Water Rates	\$175,000	\$0	\$0	\$0	\$0	\$175,000
						\$0
						\$0
Project Totals	\$175,000	\$0	\$0	\$0	\$0	\$175,000



# 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	2022	2023	2024	2025	2026	Total
Water Rates	\$0	\$0	\$0	\$0	\$45,000	\$45,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$45,000	\$45,000



# 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	2022	2023	2024	2025	2026	Total
Water Rates	\$0	\$0	\$0	\$0	\$80,000	\$80,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$80,000	\$80,000



# 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	2022	2023	2024	2025	2026	Total
Water Rates	\$0	\$0	\$0	\$0	\$250,000	\$250,000
						\$0
						\$0
Project Totals	\$0	\$0	\$0	\$0	\$250,000	\$250,000



Capital Improvement Program Summary FY2021-FY2026							
Capital Project ID	Project Name	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
01-FMS-001-23	Backhoe			\$98,000	\$98,000	\$98,000	\$98,000
01-FMS-002-16	Half Ton Pickup		\$24,000				
01-FMS-002-19	60" Zero Turn Mower		\$12,000	\$12,500	\$12,500	\$12,500	\$12,500
<b>Total General Admin</b>		<b>\$0</b>	<b>\$36,000</b>	<b>\$110,500</b>	<b>\$110,500</b>	<b>\$110,500</b>	<b>\$110,500</b>
01-FDE-002-22	LUCAS CPR Device		\$30,000				
01-FDE-006-21	Fire Station LED Signage		\$30,000	\$30,000			
01-FDE-013-16	Traffic Control Signal Light Station 2			\$30,000			
01-FDX-001-22	Battery Powered PPV Fans		\$8,600				
01-FDX-001-23	Replace Nozzles			\$17,000			
<b>Total Fire Department</b>		<b>\$0</b>	<b>\$68,600</b>	<b>\$77,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
01-PDA-001-19	Field Investigation Hardware and Software		\$9,000				
01-PDA-002-19	911 Hardware			\$4,000	\$4,000	\$4,000	\$4,000
01-PDA-003-18	Replace Existing Computer Systems	\$10,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000
22-PDA-001-18	WAVE Upgrade				\$5,000		
<b>Total Police Department</b>		<b>\$10,000</b>	<b>\$25,000</b>	<b>\$20,000</b>	<b>\$25,000</b>	<b>\$20,000</b>	<b>\$20,000</b>
01-CCC-001-19	Replace Computer Systems/Wireless	\$4,000	\$4,000				
01-CCC-002-22	Replacement of CCC Office Furniture		\$60,000				
01-CCC-003-22	Replace 2005 Boom Lift		\$150,000				
01-CCC-004-23	In Line Booking			\$30,000	\$30,000	\$30,000	\$30,000
<b>Total Civic Center</b>		<b>\$4,000</b>	<b>\$214,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>
01-CCK-001-19	Replace Existing Computer Systems	\$2,500					
<b>Total City Clerk Office</b>		<b>\$2,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
01-SWC-001-19	Stormwater: Mountrose Beacon Branch		\$125,000				
01-SWC-001-20	Stormwater: Washington and North Park Manor			\$50,000	\$50,000	\$50,000	\$50,000
01-SWC-001-22	Stormwater: Quail Valley Improvements		\$15,000				
01-SWC-001-23	Stormwater: West Fremont Improvements			\$10,000	\$10,000	\$10,000	\$10,000
01-SWC-002-19	Stormwater: Springfield and Jackson		\$25,000				
01-SWC-002-21	Stormwater: Springfield and Jackson						\$25,000
01-SWC-002-22	Stormwater: Highway YY and Raef Road Improvements				\$10,000		
01-SWC-002-23	Stormwater: Evergreen Improvements			\$25,000	\$25,000	\$25,000	\$25,000

Capital Improvement Program Summary FY2021-FY2026							
Capital Project ID	Project Name	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
01-SWC-003-18	Stormwater: Waterman Drive and Windsor Drive						\$25,000
01-SWC-003-22	Stormwater: Washington and Park Manor			\$60,000			
01-SWC-003-23	Stormwater: Flatwoods			\$25,000	\$25,000	\$25,000	\$25,000
01-SWC-006-19	Stormwater: Hydraulic Engineering Study		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
<b>Total Storm Water</b>		<b>\$0</b>	<b>\$215,000</b>	<b>\$220,000</b>	<b>\$170,000</b>	<b>\$160,000</b>	<b>\$210,000</b>
01-FIN-001-19	Replace Existing Computer Systems	\$2,500			\$5,000	\$2,500	
<b>Total Finance Department</b>		<b>\$2,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,000</b>	<b>\$2,500</b>	<b>\$0</b>
01-FDE-001-19	Electric Hydraulic Rescue Tools	\$28,000					
01-FDE-002-16	Replacement of Cardiac Monitors	\$60,000					
22-FDE-003-15	Quick Attack Engine	\$388,000					
03-FDX-001-21	Furniture	\$1,500					
03-FDX-002-21	Public Safety Building Equipment/Furniture	\$450,000					
<b>Total Public Safety - Fire</b>		<b>\$927,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
22-PDA-002-21	Body Cameras	\$32,000					
22-PDA-003-15	Patrol Cars	\$264,000	\$264,000		\$264,000	\$204,000	
03-PDX-001-21	IP Camera Solution	\$30,000					
03-PDX-002-21	Radio Wireless for PD/Fire within Jr and Sr High	\$40,000					
03-PDX-003-21	Cellebrite Tool	\$9,300					
<b>Total Public Safety - Police</b>		<b>\$375,300</b>	<b>\$264,000</b>	<b>\$0</b>	<b>\$264,000</b>	<b>\$204,000</b>	<b>\$0</b>
08-STR-001-20	Madison Avenue Overlay		\$142,000				
08-STR-001-21	Mountrose Street Improvements	\$180,000					
08-STR-001-22	Elm Street Asphalt Overlay		\$176,415	\$125,225			
08-STR-001-23	Elm Street Asphalt Overlay				\$163,933	\$136,350	\$136,350
08-STR-001-24	Beck Lane				\$68,200		
08-STR-001-25	Lawson Road						\$121,000
08-STR-002-16	Millcreek Road Improvements			\$175,000			
08-STR-002-21	Harwood Avenue Surface Treatment		\$10,400				
08-STR-002-22	Roller Compactor						\$85,000
08-STR-002-24	Lake Drive				\$42,650		
08-STR-002-25	Tower Road						\$113,000
08-STR-003-19	Hoover Avenue	\$32,500					
08-STR-003-21	Tower Road Surface Treatment	\$17,000					

Capital Improvement Program Summary FY2021-FY2026							
Capital Project ID	Project Name	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
08-STR-003-24	Sherman Avenue				\$74,175		
08-STR-003-25	Tuscumbia Road						\$59,000
08-STR-004-21	Raef Road Asphalt Overlay	\$77,900					
08-STR-004-22	Hydro Seeder						\$10,000
08-STR-005-16	Three-Quarter Ton 4x4 Pickup Truck Replacements			\$35,000			
08-STR-005-20	Half Ton 4X4 Pickup Trucks	\$60,000	\$30,000				
08-STR-005-21	East Fremont Road Improvements		\$426,000				
08-STR-005-24	Green Street				\$17,590		
08-STR-005-25	Fourth Street					\$655,000	
08-STR-006-21	Adams Avenue Improvements	\$35,800					
08-STR-006-23	Hospital Drive Asphalt Overlay			\$118,400			
08-STR-006-24	Lincoln Avenue				\$91,900		
08-STR-006-25	Street Sweeper					\$250,000	
08-STR-007-18	Crack Sealer Machine				\$50,000		
08-STR-007-19	Snow Plow Attachment			\$7,500			
08-STR-007-23	Albert Street Improvements			\$22,500			
08-STR-007-24	Bland Avenue						\$110,110
08-STR-007-25	Skid Steer Loader						\$65,000
08-STR-008-16	Truck Mounted Striping Machine			\$35,000			
08-STR-008-17	Tandem Axle Dump Truck			\$155,000			
08-STR-008-19	Drop Hammer Attachment			\$5,500			
08-STR-008-20	Roller Compactor			\$40,000			
08-STR-008-21	Harris Lane Surface Treatment		\$17,000				
08-STR-008-23	Marvin Avenue Improvements			\$47,900			
08-STR-008-25	Backhoe						\$110,000
08-STR-009-19	Road Grader		\$220,000				
08-STR-009-20	Semi Tractor						\$120,000
08-STR-009-21	Rolling Hills Road Surface Treatment		\$27,700				
08-STR-009-22	Beckett Street Asphalt Overlay	\$30,200					
08-STR-009-23	Mizer Street Improvements			\$31,600			
08-STR-009-25	Salt Storage Building	\$75,000					
08-STR-010-18	Owens Drive Improvements	\$77,950					

Capital Improvement Program Summary FY2021-FY2026							
Capital Project ID	Project Name	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
08-STR-010-20	Excavator						\$225,000
08-STR-010-21	Herndon Road Surface Treatment	\$13,200					
08-STR-010-22	Perry & Beckett Street Improvements	\$111,000					
08-STR-010-23	Barlow Street Improvements			\$31,600			
08-STR-010-25	Springfield Road Sidewalk Improvements					\$20,000	
08-STR-011-19	Lenz Drive Asphalt Overlay	\$10,560					
08-STR-011-20	Skid Steer Loader	\$55,000					
08-STR-011-21	Jackson Avenue Surface Treatment	\$10,500					
08-STR-011-22	North Park Manor Boulevard		\$24,985				
08-STR-011-23	Dickinson Avenue Improvements			\$52,200			
08-STR-012-22	East Park Manor Boulevard		\$28,875				
08-STR-013-21	Bethel Road Asphalt Overlay		\$43,500				
08-STR-013-22	South Park Manor Boulevard		\$18,540				
08-STR-014-21	Howard Drive Surface Treatment		\$13,500				
08-STR-014-22	West Park Manor Boulevard		\$18,540				
08-STR-015-18	Millcreek Road Improvements	\$120,000					
08-STR-015-22	Monroe Avenue		\$50,600				
08-STR-016-21	Traffic Control Imp at Hwy MM, Cowan Dr, Millcreek			\$150,000	\$150,000	\$150,000	\$150,000
08-STR-016-22	Jefferson Avenue Sidewalk Improvements		\$310,000				
08-STR-017-17	Single Axle Dump Truck			\$120,000			
08-STR-017-21	East Bland Road Surface Treatments		\$21,000				
08-STR-018-17	Mowing Tractor			\$35,000			
08-STR-020-17	Track Loader		\$250,000				
08-STR-020-21	Fowler Drive			\$48,960			
08-STR-021-20	New Street Improvements	\$65,000					
08-STR-021-21	Tractor and Boom Mower Attachment		\$150,000				
08-STR-022-21	Adams Avenue Sidewalk	\$44,000					
08-STR-023-21	Computer Systems	\$3,500		\$5,000		\$5,000	
<b>Total Street</b>		<b>\$1,019,110</b>	<b>\$1,979,055</b>	<b>\$1,241,385</b>	<b>\$658,448</b>	<b>\$1,216,350</b>	<b>\$1,304,460</b>
01-CCC-001-21	Exhibition Hall Chairs	\$30,000		\$12,000	\$12,000	\$12,000	\$12,000
01-CCC-001-21	New Table and Chairs for Community Building	\$30,000					
01-FDE-001-20	Update Computers	\$9,000					

Capital Improvement Program Summary FY2021-FY2026							
Capital Project ID	Project Name	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
01-FDE-001-21	Firefighting Helmets	\$10,000					
01-FDE-002-18	Mobile Tablets	\$15,000	\$10,000				
01-FDE-005-17	Improvements to Fire Station 1 Roof	\$25,000					
01-FDE-012-17	Concrete Replacement Sta. 2	\$1,500					
01-FDE-012-17	Concrete Replacement Sta. 1	\$32,500					
01-SWC-003-21	Stormwater: Tower and Fremont Improvements	\$125,000					
01-SWC-004-14	Assessment and Restoration of Detention Facilities	\$5,000	\$5,000				
01-SWC-004-21	Stormwater: Highway 64 Stormwater Improvements	\$65,000					
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				
22-FDE-001-17	Bunker Gear			\$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-FDE-003-14	Staff Vehicle	\$43,000					
22-FMS-005-20	Elm Street Christmas Decorations	\$6,000	\$6,500	\$6,000	\$6,000	\$6,000	\$6,000
22-ITS-005-16	Mobile Data Tablets		\$5,000				
22-PDA-001-17	Dispatch Zetron Radio Upgrade						\$42,000
22-PDA-002-18	Automatic License Plate Reader (APLR)	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000
22-PDA-004-14	Patrol Car (Dash) Camera	\$3,000					
99-FDE-001-16	Fire Station #3	\$437,000	\$3,040,000				
99-ITS-001-21	City-wide Cameras	\$22,000	\$22,000				
99-ITS-003-20	Printer Replacement Konica	\$7,500		\$7,500			
<b>Total Capital General</b>		<b>\$890,500</b>	<b>\$3,315,500</b>	<b>\$139,500</b>	<b>\$132,000</b>	<b>\$132,000</b>	<b>\$174,000</b>
73-APT-001-	T-Hanger/OTC Replacement Building	\$250,000					
<b>Total Capital - Airport</b>		<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
40-TRM-001-21	Replace Computer Systems/Printer	\$2,000					
<b>Total Tourism</b>		<b>\$2,000</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	\$4,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
50-CDC-002-16	Sub Division Development	\$147,100					

Capital Improvement Program Summary FY2021-FY2026							
Capital Project ID	Project Name	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
<b>Total Code Administration</b>		<b>\$153,650</b>	<b>\$15,500</b>	<b>\$5,550</b>	<b>\$5,550</b>	<b>\$5,550</b>	<b>\$5,550</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-001-23	Refrigerant management System	\$7,000					
60-GFM-002-21	Vehicle Lift (Warehouse)	\$18,000					
60-GFM-005-19	Heavy Truck Scan Tool			\$5,000			
60-GXX-001-26	Garage Roll-Up Doors						\$38,000
60-GXX-001-21	Rolling Air/Hydraulic Jacks	\$12,000					
60-GXX-001-25	New Compressor in New Enclosed Room					\$30,000	
60-GXX-001-23	Floor Drain System			\$10,000			
<b>Total Garage</b>		<b>\$37,000</b>	<b>\$76,000</b>	<b>\$15,000</b>	<b>\$0</b>	<b>\$30,000</b>	<b>\$38,000</b>
60-PRW-002-22	Warehouse Forklift	\$46,000					
<b>Total Purchasing - Warehouse</b>		<b>\$46,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
01-ITS-001-20	Replace Existing Computer Systems	\$5,000				\$2,500	
22-ITS-005-16	Mobile Data Tablets		\$5,000		\$5,000		
99-ITS-001-21	SCALE Nodes	\$23,000		\$23,000			
99-ITS-002-21	Switches	\$16,000	\$4,000	\$16,000			
<b>Total Information Technology</b>		<b>\$44,000</b>	<b>\$9,000</b>	<b>\$39,000</b>	<b>\$5,000</b>	<b>\$2,500</b>	<b>\$0</b>
73-APT-001-21	Airport Master Plan		\$175,000				
73-APT-001-23	Taxiway Rehabilitation			\$683,500	\$683,500	\$683,500	\$683,500
73-APT-001-24	Utility Vehicle						
73-APT-001-24	Replace Existing Computer Systems/Printer	\$2,200					
73-APT-003-21	Ramp and Parking Lot Repair	\$25,000					
73-APT-004-21	Runway 18-36 Mill and Overlay	\$2,400,000					
<b>Total Airport</b>		<b>\$2,427,200</b>	<b>\$175,000</b>	<b>\$683,500</b>	<b>\$683,500</b>	<b>\$683,500</b>	<b>\$683,500</b>
22-PKD-001-19	Skate Park Improvements				\$125,000		
22-PKD-001-20	Walking and Bicycle Trail			\$250,000		\$250,000	
79-PKX-001-21	Sand Volleyball Courts	\$10,000					
79-PKX-001-23	Boswell Aquatic Center Improvements			\$250,000			
79-PKX-001-22	Irrigation System Field 3 at Atchley Park		\$25,000				
79-PKX-002-21	Amphitheater Boswell Park	\$65,000					

Capital Improvement Program Summary FY2021-FY2026							
Capital Project ID	Project Name	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
79-PKX-002-22	Purchase of new mower		\$13,000	\$13,500	\$14,000	\$14,500	\$15,000
79-PKX-003-21	Sidewalks- Gasconade, Boswell, Wallace	\$10,000					
79-PKX-004-21	Atchley Park Ballfield Lights	\$15,000					
79-PKX-003-22	WT Vernon Park Improvements		\$100,000				
79-PKX-001-26	Walking trail maintenance						\$15,000
79-PKX-003-22	Purchase John Deere Tractor			\$35,000			
79-PKX-001-24	Replace computer system					\$5,000	
79-PKX-004-23	Resurface Parking Lots			\$100,000		\$100,000	
79-PKX-004-22	Purchase of new park utility vehicle		\$12,000				
79-PKX-003-24	Winfrey Property				\$100,000		
79-PKX-002-26	Purchase of truck with dump bed						\$40,000
79-PKX-004-24	Purchase of new vehicle				\$26,000	\$26,500	
<b>Total Parks - Operating</b>		<b>\$100,000</b>	<b>\$150,000</b>	<b>\$648,500</b>	<b>\$265,000</b>	<b>\$396,000</b>	<b>\$70,000</b>
79-BXX-001-21	Boswell Aquatic Center equipment	\$20,000					\$15,000
<b>Total Parks</b>		<b>\$20,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</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	\$6,500				
80-ELF-003-17	Department Pickups			\$40,000	\$40,000	\$40,000	\$40,000
80-ELF-003-21	Forestry Truck and Brush Chipper (Not getting brush chipper so redu	\$250,000					
80-ELF-008-20	New Bucket Truck (rollover won't get paid in FY20)	\$248,000					
80-ELF-013-21	Cable Reel Pulling Trailer	\$100,000					
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
80-ELF-020-21	Backyard Machine	\$150,000					
80-ELX-003-22	Small Bucket Truck		\$250,000				
<b>Total Electric Operating</b>		<b>\$754,500</b>	<b>\$523,000</b>	<b>\$406,500</b>	<b>\$390,000</b>	<b>\$390,000</b>	<b>\$390,000</b>
80-ELF-002-21	Line Reconductor/Extensions-Michigan/Monroe		\$600,000				
80-ELF-003-15	LED Streetlight Conversion	\$60,000					
80-ELF-004-15	Distribution Pole Changes	\$100,000					
80-ELF-004-20	Automated Sectionalizing Switches	\$150,000					
80-ELF-004-21	Aerial Cable Project-North and South side of Birchbark Lane	\$40,000					
80-ELF-004-22	Line Reconductor/Extensions - Substations 7 & 8		\$1,500,000		\$1,000,000	\$1,000,000	

Capital Improvement Program Summary FY2021-FY2026							
Capital Project ID	Project Name	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
80-ELF-005-21	Aerial Cable Project-South side of Hunters Creek Drive	\$30,000					
80-ELF-006-21	Overhead Aerial Cable Project - Stanwood Drive and Belwood Road			\$30,000			
80-ELF-007-14	161 Substations and Transmission				\$5,000,000	\$5,000,000	\$5,000,000
80-ELF-007-21	Aerial Cable Project-Arbour Drive and Northbrook Street	\$15,000					
80-ELF-008-14	Line Reconductor/Pole Changeouts	\$600,000	\$600,000	\$600,000			
80-ELF-008-21	Overhead Aerial Cable Project - Woodhill Drive		\$50,000				
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						
80-ELF-018-21	Insulator Upgrades	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	
80-ELF-019-21	Substation Transformer Upgrades		\$100,000				
80-ELF-023-21	Single Phase Reclosers		\$25,000				
80-ELX-001-21	Substation #3 Improvements			\$120,000			
80-ELX-002-21	Primary System Improvements - Substation #7				\$1,076,600		
80-ELX-003-21	Primary System Improvements - Substation #6			\$797,500			
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		\$160,000				
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
<b>Total Electric Reserve</b>		<b>\$1,325,000</b>	<b>\$4,870,100</b>	<b>\$1,607,500</b>	<b>\$8,123,700</b>	<b>\$6,401,000</b>	<b>\$6,817,700</b>
85-WWO-001-14	Collection Improvements- Goodwin Hollow Watershed	\$350,000	\$700,000	\$750,000	\$750,000	\$750,000	\$750,000

Capital Improvement Program Summary FY2021-FY2026							
Capital Project ID	Project Name	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
85-WWO-001-16	Oxidation Ditch Clean out & Rehabilitation (North and South)	\$30,000					
85-WWO-001-17	Wastewater Treatment Plant Existing/New Asphalt and Concrete		\$40,000				
85-WWO-001-18	Backhoe		\$145,000				
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-001-22	Sewer Main: Hayes Street		\$16,000				
85-WWO-001-23	South Highway 5 Lift Station					\$200,000	
85-WWO-001-24	Orion Camera (CCTV)				\$25,000		
85-WWO-002-14	WWTP Improvements Phase 2	\$6,279,992					
85-WWO-002-19	Benchtop Spectrophotometer						\$6,500
85-WWO-002-21	Sewer Main: Barlow Street	\$12,000					
85-WWO-002-22	Sewer Main: Stave Mill Easement		\$30,000				
85-WWO-003-18	Replace Existing Wastewater Computers/Systems	\$5,000	\$5,000	\$5,000	\$7,500	\$7,500	\$7,500
85-WWO-003-21	Sewer Main: Marvin Avenue	\$27,000					
85-WWO-003-22	Security & Access Control		\$40,000				
85-WWO-004-19	Dump Truck	\$150,000					
85-WWO-004-21	Sewer Main: Perry Street		\$40,000				
85-WWO-005-15	Building (WWTP) Improvements		\$40,000				
85-WWO-005-19	Standby Generator	\$80,000					
85-WWO-005-20	Biosolids Application Truck	\$185,000					
85-WWO-005-20	Excavator		\$350,000				
85-WWO-005-21	IDEX		\$6,000				
85-WWO-006-16	Mechanical bar Screen	\$795,000					
85-WWO-006-20	Equipment and Material Trailer	\$15,000					
85-WWO-006-21	Mechanical Convection Oven		\$5,000				
85-WWO-007-15	Lift Station SCADA	\$20,000					
85-WWO-007-16	Pickup Trucks			\$30,000			
85-WWO-007-20	Combination Cleaning Unit		\$80,000	\$80,000	\$80,000	\$80,000	\$80,000
85-WWO-007-21	WWTP Perimeter Fence		\$60,000				
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

Capital Improvement Program Summary FY2021-FY2026							
Capital Project ID	Project Name	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
85-WWO-009-19	Liftstation Critical Parts	\$25,000	\$25,000	\$25,000			
85-WWX-001-21	Trunk Sewer Replacement from South 5 to Evergreen North Side of Manors						\$75,000
85-WWX-002-21	Clarifiers #1,#2 and #3 Rehabilitation	\$90,000					
85-WWX-003-21	Samplers	\$8,000				\$4,000	\$4,000
<b>Total Waste Water</b>		<b>\$8,246,992</b>	<b>\$1,752,000</b>	<b>\$1,054,000</b>	<b>\$1,022,500</b>	<b>\$1,201,500</b>	<b>\$1,083,000</b>
87-WTR-001-16	East Fremont Water Line			\$100,000			
87-WTR-001-17	Hwy 5 Rosenthal to Woodhill water tie line		\$120,000				
87-WTR-001-18	Nathaniel to Steele tie line			\$60,000			
87-WTR-001-19	Ostrich Lane Water Line		\$175,000				
87-WTR-001-21	Water Tie Line: Twin Oaks & Tower		\$16,000				
87-WTR-001-22	Water Main: Owens		\$22,000				
87-WTR-001-23	Water Main: Frank			\$25,000			
87-WTR-001-26	Osage Water Line Replacement						\$45,000
87-WTR-002-17	Park Manor Water Line Replacement		\$55,000				
87-WTR-002-18	New Well and Tower						\$3,000,000
87-WTR-002-21	Water Main: Mizer	\$16,000					
87-WTR-002-22	Water Tie Line: New Buffalo Road to Public Works		\$140,000				
87-WTR-002-23	Water Main: Ronald Drive					\$10,000	
87-WTR-002-23	Water Main: Hunters Creek			\$40,000			
87-WTR-002-25	Water Main: Gateway Road	\$45,000					
87-WTR-002-26	Donna Circle Water Replacement						\$80,000
87-WTR-003-18	Pickup Trucks	\$30,000		\$30,000			
87-WTR-003-21	Water Main: Barlow	\$17,000					
87-WTR-003-23	Water Main: Manors and South Highway 5			\$21,000			
87-WTR-003-26	Evergreen Parkway From Southdale to Harley Davidson						\$250,000
87-WTR-004-18	Service Truck		\$90,000				
87-WTR-004-19	Water Wells: Chlorine Analyzer Replacements	\$10,000	\$15,000	\$6,000	\$6,000	\$6,000	\$6,000
87-WTR-004-21	Water Main: Marvin	\$32,000					
87-WTR-004-25	Water Main: Sunrise Drive Tie Line					\$20,000	
87-WTR-005-16	Chlorine Leak Detectors		\$30,000				
87-WTR-005-21	Water Main: Albert	\$13,000					
87-WTR-006-21	Water Main: Dickinson	\$13,000					

Capital Improvement Program Summary FY2021-FY2026							
Capital Project ID	Project Name	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
87-WTR-007-15	Dump Truck		\$145,000				
87-WTR-007-16	Administrative Vehicle						\$40,000
87-WTR-007-18	Replace Existing Water Computer Systems	\$5,000	\$5,000	\$5,000	\$7,500	\$7,500	\$7,500
87-WTR-007-21	Water Services: New Buffalo Road	\$7,500					
87-WTR-008-16	Directional Drill Equipment		\$100,000				
87-WTR-008-20	Water Well Critical Parts	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
87-WTR-008-21	Water Distribution System Improvements						
87-WTR-009-16	Security and access control		\$30,000				
87-WTR-009-21	Tapping Machine		\$35,000				
87-WTR-011-15	Portable Trash Pump			\$4,000			\$4,000
87-WTX-001-21	Water Towers	\$527,000					
<b>Total Water</b>		<b>\$735,500</b>	<b>\$998,000</b>	<b>\$311,000</b>	<b>\$33,500</b>	<b>\$63,500</b>	<b>\$3,452,500</b>
<b>Total City of Lebanon</b>		<b>\$17,373,252</b>	<b>\$14,685,755</b>	<b>\$6,608,935</b>	<b>\$11,923,698</b>	<b>\$11,048,900</b>	<b>\$14,404,210</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