

Capital Improvement Plan

2022-2026

Wentzville, Missouri

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Introduction

TO THE MAYOR AND BOARD OF ALDERMEN:

I am pleased to transmit to you the proposed 2022-2026 Capital Improvement Plan (CIP). This proposed five-year plan is a well-thought-out planning document that balances projected revenues with capital expenditures to help meet the community's growing needs. After review, modification and adoption by the Board, staff utilizes this finalized document as authorization for a project to move forward for planning purposes. After approval of the CIP, funding for individual projects will be allocated through the budget approval process. The majority of the projects submitted in the CIP were reviewed by the Board of Aldermen in the Fund Planners during Strategic Goal Setting meetings.

The City remains dedicated to the long-range planning of capital improvements. Most new projects or equipment will appear in the fifth year of the plan. However, to adapt to current conditions or changing circumstances limited items may be introduced before the fifth year while others may move forward or backward from previous plans.

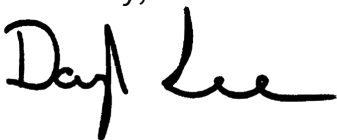
Over the last year, the Board of Aldermen has given staff clear direction on a number of key themes. The CIP addresses your strategic direction and priorities. In addition to meeting the capital needs of the City for the next five years, the CIP accomplishes the following:

- Identifies projects to improve transportation infrastructure
- Leverages funds from other entities
- Maintains a commitment to revitalizing Downtown
- Develops a strategy to construct new facilities
- Funds the continued maintenance and enhancement of aging infrastructure

The proposed plan calls for the expenditure of \$160,932,171 over a five-year time frame and includes funding mechanisms for each item.

Please accept this Capital Improvement Plan for adoption. The CIP has been carefully developed and involved the participation and insightful thinking of all departments. The plan allows the City to proactively anticipate its future needs while retaining the flexibility to adjust to current conditions as necessary.

Sincerely,

A handwritten signature in black ink, appearing to read "Doug Lee", written in a cursive style.

Douglas Lee
City Administrator

CAPITAL IMPROVEMENT PLAN 2022-2026

Capital Plan

A Five-Year Capital Improvement Plan allows the City to proactively plan its future capital needs well in advance, yet allow flexibility for changing needs. The first year reflects the capital projects included in the 2022 fiscal year budget. The remaining four years represent a schedule and estimate of future capital projects that may be funded based on revenue projections. Capital expenditures are listed by year and have been moved or adjusted to remain in balance. There will be further adjustments as the plan is updated with current information annually.

The **Fund** identifies the particular fund that will be used to pay for each project and the **Department** identifies responsibility. **Outside Funding Sources** identifies expected or estimated funds from grants or bonds. **Project Description and Justification** provides a description of each project (location, scope of work, etc.) and attempts to explain exactly why the particular project is needed. Justifications generally involve an effort to conserve funds now or in the future, enhance efficiency, provide a superior and high-quality public service, ensure greater employee or public safety, and/or replace, improve or expand public infrastructure.

Capital Improvements

Capital improvements are physical improvements to public infrastructure in and throughout the City, and include the construction of streets, stormwater systems, bridges, parks, recreational facilities, structural renovations, and numerous other projects that involve physical improvements in and throughout the community.

Financing Methods

As stated, the means of funding for each project is specified herein; the Governmental Fund to be used to complete the physical improvement. Within this Five-Year Capital Improvement Plan, a total of \$160,932,171 is recommended for capital spending. A breakdown of this \$161 million by department indicates that the Transportation Fund will bear the largest burden of this Five-Year Capital Plan, followed by the Capital Fund and Wastewater Funds. Of the total \$161 million in total five-year capital spending, \$57 million (or 36%) is estimated to be reimbursed by outside funding sources. The City will continue to pursue outside funding to finance (or defray) significant capital costs.

Annual Expenditure Trend

Approximately \$161 million in capital projects are anticipated over the five-year period 2022-2026. For this five-year period, the largest single year of capital outlay will be fiscal year 2023 followed by fiscal year 2026. 2022 projects include the design of the new Public Works Facility, David Hoekel Parkway Phase 2D construction, Wentzville Parkway South – Phase 2 construction, water interconnection improvements with the City of O’Fallon, and lift station replacements. The fiscal year 2023 includes the construction of the new Public Works Facility, multiple road projects including Peine Road Safety Improvements, Highway Z intersection improvements, Great Oaks Blvd. extension, water main improvements to support a future tower, and the lift station replacements. The other variances year-to-year are due to a number of large transportation projects which includes yearly street and sidewalk maintenance and enhancements committed to downtown. waterline extension and replacement projects including a two-million-gallon water storage tank and a wet weather storage basin.

REVENUE SOURCES

General Fund

General Fund capital expenditures are all funded from the Capital Improvements Fund.

Transportation Fund

Transportation Fund revenues are largely sales tax driven. The annual growth rate is consistent with current trends, yet grant funding was added in where appropriate. The variable nature of grant funding renders any visual trend of Transportation Fund revenues difficult to perceive. Transportation equipment is also funded by the Capital Improvements Fund allowing more Transportation funds to be allocated for major road projects. The Transportation Fund will be closely monitored in the out years as construction starts on David Hoekel Parkway, as this will be the largest road project ever taken on by the City.

Capital Improvements Fund

Capital Improvements Fund revenues are used to make lease payments for bond issues and to purchase capital equipment. These are revenues transferred to other funds and budgeted accordingly. The Capital Fund purchases all the capital equipment used in the General, Transportation, Parks and Recreation, Water and Wastewater funds providing a consistent approach.

Water and Wastewater Enterprise Funds

Water and Wastewater Fund revenues were estimated upon community growth rates, as these revenues are largely driven by commercial and residential utility billings. Given that the City tracks its building permits (a proxy for new accounts), this revenue generally mirrors projected growth.

Parks and Recreation Funds

Park Fund equipment purchases are funded by the Capital Fund. This change provides a consistent approach to the funding of capital equipment in the General Fund and Special Revenue Fund.

Debt Financing

Fund debt financing is for projects that cannot be funded without a new revenue source. Possible funding sources for these projects will include General Obligation Bonds for large projects. Revenue Bonds such as the State Revolving Fund could be used for utility projects. Leasehold Revenue Bonds can be used for park development since there is now a Parks sales tax, which will provide a means to repay these types of bonds. In November 2019, the City issued \$36,925,000 of Certificates of Participation, Series 2019. The proceeds were used to pay the costs of acquiring, constructing, furnishing and equipping a new City-owned and operated Wentzville Community Center, park and infrastructure. Use of \$27,911,909 of those proceeds is planned for 2021. The City plans to issue Certificates of Participation to fund the new Public Works Facility to be constructed off Interstate Drive in 2023.

CITYWIDE CAPITAL IMPROVEMENT PLAN SUMMARY

PROJECT						
Department	2022	2023	2024	2025	2026	Five Year Total
Administration	-	-	-	-	-	-
Economic Development	-	-	-	-	-	-
Information Technology	-	-	-	-	-	-
Community Development	-	-	-	-	-	-
Law Enforcement	62,338	62,338	62,338	62,338	62,338	311,690
Parks and Recreation	546,863	634,403	463,625	694,316	660,214	2,999,421
Public Works	2,280,700	20,745,000	733,000	807,000	550,000	25,115,700
Transportation	23,911,300	12,731,955	22,649,206	10,370,000	20,890,000	90,552,461
Water	4,375,500	3,575,000	475,000	1,020,800	6,596,300	16,042,600
Wastewater	1,565,800	1,408,300	3,094,820	2,813,800	6,450,000	15,332,720
TOTAL	32,742,501	39,156,996	27,477,989	15,768,254	35,208,852	150,354,592

EQUIPMENT						
Department	2022	2023	2024	2025	2026	Five Year Total
Administration	58,200	50,000	-	-	-	108,200
Economic Development	-	-	-	30,000	-	30,000
Information Technology	137,000	-	-	85,000	-	222,000
Community Development	-	36,000	-	91,000	30,000	157,000
Law Enforcement	1,438,999	915,820	952,820	928,820	1,115,820	5,352,279
Parks and Recreation	177,150	291,850	277,500	372,450	375,650	1,494,600
Public Works	181,500	311,000	264,000	272,000	334,000	1,362,500
Transportation	48,500	255,000	100,000	30,000	150,500	584,000
Water	274,000	34,000	34,000	131,000	131,000	604,000
Wastewater	285,000	136,000	46,000	137,000	59,000	663,000
TOTAL	2,600,349	2,029,670	1,674,320	2,077,270	2,195,970	10,577,579

CITYWIDE CAPITAL IMPROVEMENT PLAN SUMMARY

TOTAL PROJECTS AND EQUIPMENT						
	2022	2023	2024	2025	2026	Five Year Total
TOTAL	35,342,850	41,186,666	29,152,309	17,845,524	37,404,822	160,932,171

FUNDING SUMMARY						
Source	2022	2023	2024	2025	2026	Five Year Total
Capital Fund	7,343,387	2,837,008	2,399,658	2,946,608	2,808,308	18,334,969
Stormwater Maintenance Reserve	100,000	-	70,000	-	-	170,000
Park Fund	546,863	419,560	433,625	694,316	660,214	2,754,578
Dierbergs Contribution/Land Agreement	-	64,843	-	-	-	64,843
Recreation Trails Program Grant	-	150,000	-	-	-	150,000
Community Access Program Grant	-	-	30,000	-	-	30,000
Transportation Fund	8,826,748	6,156,011	6,586,059	5,520,000	6,440,000	33,528,818
St. Charles County	13,791,750	3,406,427	9,272,545	2,800,000	10,200,000	39,470,722
MoDOT	367,875	155,000	5,177,124	250,000	4,250,000	10,199,999
STP Funding	100,000	2,030,733	1,117,478	1,800,000	-	5,048,211
East-West Gateway TAP	-	-	496,000	-	-	496,000
CMAQ through EWGCOGC	162,927	983,784	-	-	-	1,146,711
Private Developer	262,000	-	-	-	-	262,000
American Rescue Federal Funding	400,000	-	-	-	-	400,000
Water Fund	1,875,500	3,575,000	475,000	1,020,800	6,596,300	13,542,600
Wastewater Fund	1,565,800	1,408,300	3,094,820	2,813,800	6,450,000	15,332,720
Certificate of Participation Issuance	-	20,000,000	-	-	-	20,000,000
TOTAL	35,342,850	41,186,666	29,152,309	17,845,524	37,404,822	160,932,171

Administration

ADMINISTRATION

EQUIPMENT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
Administration	Conference Room Expansion	40,000	-	-	-	-	40,000
	Office Furniture	18,200	-	-	-	-	18,200
Administration	City Website	-	50,000	-	-	-	50,000
TOTAL		58,200	50,000	-	-	-	108,200

FUNDING SOURCE							
		2022	2023	2024	2025	2026	Five Year Total
Capital Fund		58,200	50,000	-	-	-	108,200
TOTAL		58,200	50,000	-	-	-	108,200

CONFERENCE ROOM EXPANSION

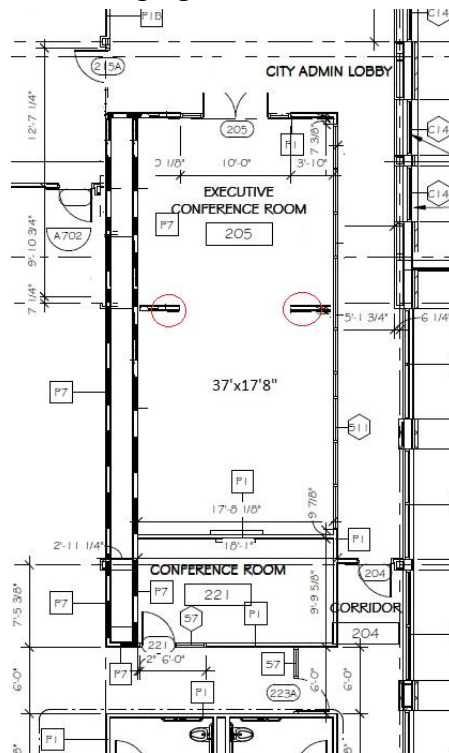
Fund: Capital

Department: Administration

Project Cost: \$40,000 | **Outside Funding:** \$-0- | **City Cost:** \$40,000

Description and Justification: Expansion of UL1 Conference room in City Hall to functionally accommodate larger meetings and training for groups of 20 or more people. Expanded room will utilize currently unused space that was originally intended to function as a second-floor lobby. The space will incorporate technology for presentations, educational opportunities, and videoconferencing.

Anticipated Benefit to the City: Current conference rooms lack capacity for larger meetings or smaller training sessions. Post COVID a meeting space to comfortably fit 20 -30 people will provide greater flexibility and efficiency instead of always booking the Board Room. Room designed for presentations and videoconferencing will continue to provide greater flexibility as City adapts to changing environment and need for remote conferencing capability.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$40,000	\$40,000	-	-	-	-

CITY HALL FURNITURE

Fund: Capital
Department: Human Resources, Procurement, Community Development, Parks & Recreation

Project Cost: \$18,200 | **Outside Funding:** \$-0- | **City Cost:** \$18,200

Description and Justification:

Human Resources (\$8,700): Funds request to purchase new workstation to accommodate new staff.

Procurement (\$2,500): The Procurement Department plans to reconfigure existing workstations into three usable workstations to allow space to accommodate a new hire.

Community Development (\$3,000): Funds requested to purchase a plan table that will allow for more storage and a hard copy plan review surface needed for larger plan sets in a shared space for the Building Inspection Department.

Parks and Recreation (\$4,000): Funds requested to purchase workstations for the following:

- **Park Planner/Project Manager:** The current cubicle does not provide adequate desk space for blue prints to be spread out and worked on. Currently staff has pulled in a separate table on wheels to provide space next to the cubicle, but this does cause a choke point in the walking area and still does not meet the needs of this position. Staff is proposing a new cubicle setup that would have a drafting table and additional space.
- **Center Workstations:** Currently there are four small work tables set up in the middle of the Parks & Recreation Department's area with no storage for part-time staff and very limited work space. "Sneeze guards" were added after the fact and reduced the desk space even more. The current layout does not work for part-time staff, staff that comes over to City Hall to do work, or a future intern. Staff is recommending replacing the four tables with two 6x6 cubicles in the space that will better meet the staff demands of the Department.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$18,200	\$18,200	-	-	-	-

CITY WEBSITE

Fund: Capital
Department: Administration

Project Cost: \$50,000 | **Outside Funding:** \$-0- | **City Cost:** \$50,000

Description and Justification: Funding used to update and optimize the City website in lieu of a mobile app to enhance engagement with Wentzville residents. A new website will be needed by this time and technology is evolving to allow the website to function much like an app, without requiring users to download/sign up for another tool. The City will work with a government-focused vendor to create a website that is designed and organized in a manner that allows visitors to easily find and access information; acts as a marketing tool for the City to highlight its programs, events and services, as well as its amenities and attractions to potential residents and businesses; is mobile-friendly; is easy to update and modify; and is able to incorporate components such as GIS mapping systems and online payments.

Anticipated Benefit to the City: A new website will create a modern digital platform that offers personalized experiences for new and existing residents and business owners, and other stakeholders. A new site can be built with a customized app-like display.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$50,000	-	\$50,000	-	-	-

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Economic Development

ECONOMIC DEVELOPMENT

EQUIPMENT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
Economic Dev.	Compact SUV	-	-	-	30,000	-	30,000
TOTAL		-	-	-	30,000	-	30,000

FUNDING SOURCE						
	2022	2023	2024	2025	2026	Five Year Total
Capital Fund	-	-	-	30,000	-	30,000
TOTAL	-	-	-	30,000	-	30,000

COMPACT SUV

Fund: Capital

Department: Economic Development

Description and Justification: Replacement of vehicle due to age, mileage and ongoing maintenance costs. Replacement will improve reliability and safety, and will reduce the likelihood of repairs exceeding the vehicle's value.

Anticipated Benefit: The replacement vehicle is capable of carrying out all necessary duties, but at a reduced initial purchase price and will lower annual operating costs.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$30,000	-	-	-	\$30,000	-

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Information Technology

INFORMATION TECHNOLOGY

EQUIPMENT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
Information Technology	1/2-Ton Crew Cab Pickup Truck	36,000	-	-	-	-	36,000
Parks	Extend GGL Fiber Network to Progress	25,000	-	-	-	-	25,000
Police	Police Voice Recording System	25,000	-	-	-	-	25,000
Police	Police Annex Call Recorder	25,000	-	-	-	-	25,000
Information Technology	Additional NAS for Data Backups	14,000	-	-	-	-	14,000
Human Resources	ID Card Printer	6,000	-	-	-	-	6,000
Streets & Signals	Sign Shop Vinyl Cutter	6,000	-	-	-	-	6,000
Finance	Incode Version 10	-	-	-	85,000	-	85,000
TOTAL		137,000	-	-	85,000	-	222,000

FUNDING SOURCE						
	2022	2023	2024	2025	2026	Five Year Total
Capital Fund	137,000	-	-	85,000	-	222,000
TOTAL	137,000	-	-	85,000	-	222,000

1/2-TON CREW CAB PICKUP TRUCK

Fund: Capital

Department: Information Technology

Project Cost: \$36,000 | **Outside Funding:** \$-0- | **City Cost:** \$36,000

Description: The Information Technology Department has two assigned vehicles. One of the two is a 2008 Impala that was previously utilized by the Police Department and has more than 130,000 miles. It is recommended to replace this vehicle with a new 1/2-ton crew cab truck that better fits the needs of the department to safely transport IT equipment while also resulting in a safer, more reliable vehicle with lower maintenance and operational costs.

Justification: Reduced operating and maintenance costs and improved efficiency.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$36,000	\$36,000	-	-	-	-

EXTEND GGL FIBER NETWORK TO PROGRESS PARK

Fund: Capital

Department: Information Technology – Progress Park

Project Cost: \$25,000 | **Outside Funding:** \$-0- | **City Cost:** \$25,000

Description: Building a fiber network to the nearest Gateway Green Light (GGL) stoplight or vault location from Progress Park would mean the City would only incur startup cost with no monthly recurring expenditures.

Justification: The Parks Department pays \$650 monthly for limited Metro-E fiber bandwidth which the City could see a return on investment in three years.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$25,000	\$25,000	-	-	-	-

POLICE VOICE RECORDING SYSTEM

Fund: Capital

Department: Information Technology – Police

Project Cost: \$25,000 | **Outside Funding:** \$-0- | **City Cost:** \$25,000

Description: The voice recording system records non-emergency calls, 9-1-1 calls, and all radio traffic for the Police Department. The current system was installed in Spring 2015 and is starting to reach the end-of-life expectancy.

Justification: Replacing this hardware will avoid costly disruptions and help maintain a lower cost of ownership for the City.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$25,000	\$25,000	-	-	-	-

POLICE ANNEX CALL RECORDER

Fund: Capital

Department: Information Technology – Police

Project Cost: \$25,000 | **Outside Funding:** \$-0- | **City Cost:** \$25,000

Description and Justification: The Police Department lost the ability to record the detective's desk phones when they relocated to the PD Annex building. The Police Department is requesting funds to purchase a second call recorder for the PD Annex building.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$25,000	\$25,000	-	-	-	-

ADDITIONAL NAS FOR DATA BACKUPS

Fund: Capital

Department: Information Technology

Project Cost: \$14,000 | **Outside Funding:** \$-0- | **City Cost:** \$14,000

Description: As the City accumulates more data, the current NAS (Network-attached Storage) backup server is starting to run low on space.

Justification: A second server will allow the IT Department to spread the backup job across two storage units for improved performance.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$14,000	\$14,000	-	-	-	-

ID CARD PRINTER

Fund: Capital

Department: Information Technology – Human Resources

Project Cost: \$6,000 | **Outside Funding:** \$-0- | **City Cost:** \$6,000

Description and Justification: The Human Resources Department is requesting funds to purchase a new ID printer. The current ID printer has reached the end of life and experiences frequent breakdowns.

Justification: Recapping the ID printer will prevent costly downtime.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$6,000	\$6,000	-	-	-	-

SIGN SHOP VINYL CUTTER

Fund: Capital

Department: Information Technology – Streets & Signals

Project Cost: \$6,000 | **Outside Funding:** \$-0- | **City Cost:** \$6,000

Description and Justification: The Street Department is requesting funds to purchase a new vinyl cutter used to fabricate road signs. The current vinyl cutter has reached the end of life and experiences frequent breakdowns.

Justification: Recapping the vinyl cutter will prevent costly downtime.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$6,000	\$6,000	-	-	-	-

INCODE VERSION 10 UPGRADE

Fund: Capital

Department: Information Technology - Finance

Project Cost: \$85,000 | **Outside Funding:** \$-0- | **City Cost:** \$85,000

Description: The City currently operates on Incode Version 9 and will eventually need to upgrade to Version 10 as Version 9 will no longer be supported. Upon implementation, annual maintenance costs will remain including online utility and court payment support and server hosting.

Justification: Incode provides an integrated software solution to manage data efficiently and securely while keeping the City in compliance and providing a compatible platform for multiple departments' needs.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$85,000	-	-	-	\$85,000	-

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Community Development

COMMUNITY DEVELOPMENT

EQUIPMENT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
Building Inspection	1/2-Ton Crew Cab 4x4 Pickup Truck	-	36,000	-	37,000	-	73,000
Building Inspection	Compact SUV (2)	-	-	-	54,000	-	54,000
Building Inspection	Regular-Cab 4x4 Pickup Truck	-	-	-	-	30,000	30,000
TOTAL		-	36,000	-	91,000	30,000	157,000

FUNDING SOURCE							
		2022	2023	2024	2025	2026	Five Year Total
Capital Fund		-	36,000	-	91,000	30,000	157,000
TOTAL		-	36,000	-	91,000	30,000	157,000

VEHICLES

Fund: Capital

Department: Community Development – Building Inspection

Location: Building Inspection

Description: Purchase of replacement vehicles.

Justification: Replacement of vehicles due to age, mileage and ongoing maintenance costs. Replacement will improve reliability and safety, and will reduce the likelihood of repairs exceeding the vehicles' value.

Anticipated Benefit: The replacement vehicles are capable of carrying out all necessary duties, but at a reduced initial purchase price and will lower annual operating costs.

1/2-TON CREW CAB 4x4 PICKUP TRUCK					
FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$73,000	-	\$36,000	-	\$37,000	-

COMPACT SUV					
FUNDING SCHEDULE					
Total	2022	2023	2024	2025 (2)	2026
\$54,000	-	-	-	\$54,000	-

REGULAR-CAB 4x4 PICKUP TRUCK					
FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$30,000	-	-	-	-	\$30,000

Law Enforcement

LAW ENFORCEMENT

PROJECT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
Law Enforcement	Guaranteed Energy Savings Debt Service	62,338	62,338	62,338	62,338	62,338	311,690
TOTAL		62,338	62,338	62,338	62,338	62,338	311,690

EQUIPMENT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
Law Enforcement	Portable Radios-Walkies	512,467	-	-	-	-	512,467
Law Enforcement	Storage Facility	50,000	-	-	-	-	50,000
Law Enforcement	Canine	45,000	-	-	-	-	45,000
Law Enforcement	Long Gun Replacement	-	51,000	-	-	-	51,000
Law Enforcement	Drone and Sensors (2)	-	-	66,000	-	-	66,000
Law Enforcement	Copier	-	-	-	20,000	-	20,000
Law Enforcement	Firearms Simulator	-	-	-	-	125,000	125,000
Law Enforcement	Fleet License Plate Readers	-	-	-	-	60,000	60,000
Law Enforcement	Static License Plate Reader Cameras	45,000	52,500	52,500	52,500	52,500	255,000
Law Enforcement	911 Maintenance	63,259	63,259	63,259	63,259	63,259	316,295
Law Enforcement	Taser Program	130,273	134,061	134,061	134,061	134,061	666,517
Law Enforcement	Emergency Warning Sirens	43,000	43,000	43,000	43,000	43,000	215,000
Law Enforcement	Patrol Vehicles and Equipment/Set-up	520,000	540,000	560,000	580,000	600,000	2,800,000
Law Enforcement	Motorcycle and Equipment/Set-Up (less trade-in)	30,000	32,000	34,000	36,000	38,000	170,000
TOTAL		1,438,999	915,820	952,820	928,820	1,115,820	5,352,279

LAW ENFORCEMENT

TOTAL PROJECTS AND EQUIPMENT

	2022	2023	2024	2025	2026	Five Year Total
TOTAL	1,501,337	978,158	1,015,158	991,158	1,178,158	5,663,969

FUNDING SOURCE

	2022	2023	2024	2025	2026	Five Year Total
Capital Fund	1,501,337	978,158	1,015,158	991,158	1,178,158	5,663,969
TOTAL	1,501,337	978,158	1,015,158	991,158	1,178,158	5,663,969

GUARANTEED ENERGY SAVINGS DEBT SERVICE

Fund: Capital

Department: Law Enforcement

Location: 1019 Schroeder Creek Boulevard

Project Cost: \$311,690 | **Outside Funding:** \$-0- | **City Cost:** \$311,690

Description and Justification: In order to assist public entities with capital planning and long-term building infrastructure improvements, the Missouri State Legislature passed legislation in 1997 on guaranteed energy cost savings contracts. These contracts can apply to any “governmental unit” meaning a state government agency, department, institution, college, university, all local political subdivisions such as counties, municipalities and public school districts, as well as special purpose districts. Guaranteed energy cost savings contracts provide an alternative procurement method that allows for municipalities to comprehensively address aging building infrastructure needs while reducing energy and operating costs, by leveraging annual guaranteed energy savings to assist with cash-flow financing the project. This procurement method minimizes the overall risk the City as the selected Energy Provider, Trane, will provide an annual shortfall check if actual savings from the project are less than the annual program cost as agreed upon contractually and required by statute. Typical improvements include HVAC replacement/upgrades/modifications, installation of building controls, lighting efficiency enhancements and tightening of the overall building envelope (roof, windows, doors, insulation). In history, the City has not replaced HVAC equipment on a revolving replacement schedule and rarely includes these large expenditures in the Five Year CIP. This program allows for a structured equipment replacement plan and allows for annual appropriations at a set amount.

Anticipated Benefit: Guaranteed energy cost savings contracts create an opportunity for municipalities to reduce annual energy and operating costs, while also providing a costs savings guarantee from the provider. Annual guaranteed energy savings for this project are project at \$23,479, increasing each year, and are due to building efficiency updates, new LED lighting, hi efficiency HVAC and building automation controls. Annual maintenance agreement /guarantee administrative costs are around \$15,000 - \$17,000 annually and renewable every five years.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$311,690	\$62,338	\$62,338	\$62,338	\$62,338	\$62,338

PORTABLE RADIOS-WALKIES

Fund: Capital
Department: Law Enforcement

Project Cost: \$512,467 | **Outside Funding:** \$-0- | **City Cost:** \$512,467

Description and Justification: Existing handheld radios the officers carry have reached their "end of life". That term means that from this point forward, Motorola will no longer support them or provide repair parts for them. Motorola has offered new radios at a significant discount. The new radios will come encrypted with an AES level of encryption which will prevent scanners that are not specifically programmed from picking up police transmissions. These new radios will be dual band radios that will allow PD to transmit on UHF and VHF frequencies. St. Charles County and others such as St. Louis County and Jefferson County work off of UHF which is a digitized frequency. Warren and Lincoln Counties work off of VHF which is considered a conventional frequency. Dual band radios allow us to communicate on both should the need arise.

Anticipated Benefit: Newer radios will provide up to date technology and will also be covered under warranty.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$512,467	\$512,467	-	-	-	-

STORAGE FACILITY

Fund: Capital

Department: Law Enforcement

Project Cost: \$50,000 | **Outside Funding:** \$-0- | **City Cost:** \$50,000

Description and Justification: The police department is need of a storage building to house equipment, trailers, and vehicles.

Anticipated Benefit: A storage facility will allow for storage of police and park vehicles, such as UTV's and other equipment in one location which will free up space in the LEC/Parks parking lots and the sallyport.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$50,000	\$50,000	-	-	-	-

CANINE

Fund: Capital
Department: Law Enforcement

Project Cost: \$45,000 | **Outside Funding:** \$-0- | **City Cost:** \$45,000

Description and Justification: The Police Department is requesting the addition of a canine, Enzo. Enzo has been in service since 2015 and the project service life of a police canine is seven to eight years depending on the animal’s health and overall fitness. Additional purchases related to the canine include a replacement vehicle and associated equipment such as the purchase of and installation of a kennel.

Anticipated Benefit: A replacement canine allows the Police Department to maintain and advance the canine program. The canine program has been very successful in locating drugs and suspects in Wentzville, thus making the City a safer place to live. There is an additional benefit of community outreach projects that the canine and handler participate in.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$45,000	\$45,000	-	-	-	-

LONG GUN REPLACEMENT

Fund: Capital

Department: Law Enforcement

Project Cost: \$51,000 | **Outside Funding:** \$-0- | **City Cost:** \$51,000

Description and Justification: The Police Department's weapons have a life expectancy and suffer wear from use during training and daily use by police officers. While the weapons are cared for and maintained, replacement should be planned for. This request includes the transition of 20 shotguns and 33 rifles as well as four lethal shotguns.

Anticipated Benefit: Better equipped officers will provide a safer City for the citizens.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$51,000	-	\$51,000	-	-	-

DRONES AND SENSORS

Fund: Capital

Department: Law Enforcement

Project Cost: \$66,000 | **Outside Funding:** \$-0- | **City Cost:** \$66,000

Description and Justification: Replacement of two existing drones and sensors.

Anticipated Benefit: Replacement of equipment to maintain the functionality and efficiency of the drone program.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$66,000	-	-	\$66,000	-	-

COPIER

Fund: Capital

Department: Law Enforcement

Project Cost: \$20,000 | **Outside Funding:** \$-0- | **City Cost:** \$20,000

Description and Justification: Replacement of a 14-year-old copier that the Records Department utilizes.

Anticipated Benefit: Newer copiers produce better quality prints and faster service when making copies and scanning while providing for citizens and staff.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$20,000	-	-	-	\$20,000	

FIREARMS SIMULATOR

Fund: Capital
Department: Law Enforcement

Project Cost: \$125,000 | **Outside Funding:** \$-0- | **City Cost:** \$125,000

Description and Justification: The life expectancy of the Police Department’s current firearms training simulator is approximately 8 to 10 years. The Police Department is requesting to upgrade to the next level simulator, the FATS 300 immersive virtual training system. The opportunities for enhanced training like this meet a standard in law enforcement in teaching officers de-escalation techniques and prepares them to meet and overcome deadly force situations.

Anticipated Benefit: Better trained and prepared officers while significantly reducing liability to the City.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$125,000	-	-	-	-	\$125,000

FLEET LICENSE PLATE READERS

Fund: Capital

Department: Law Enforcement

Project Cost: \$60,000 | **Outside Funding:** \$-0- | **City Cost:** \$60,000

Description and Justification: Purchase of in-car cameras that are integrated with the static license plate reader cameras. This system will allow for video of plates in multiple lanes of traffic, as well as record the officer's in-car movements.

Anticipated Benefit: The in-car cameras will increase officer safety and provide more officer accountability.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$60,000	-	-	-	-	\$60,000

STATIC LICENSE PLATE READER CAMERAS

Fund: Capital

Department: Law Enforcement

Project Cost: \$255,000 | **Outside Funding:** \$-0- | **City Cost:** \$255,000

Description and Justification: Expansion to the current static license plate reader cameras located throughout the city. These cameras allow for detecting stolen vehicles and license plates. The city is currently in possession of 15 and is looking to purchase three.

Anticipated Benefit: These cameras help with finding stolen vehicles and/or license plates as they are strategically placed throughout the city and will alarm the officers when they are in the area. This will help increase safety to the citizens of Wentzville by locating the suspects quickly.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$255,000	\$45,000	\$52,500	\$52,500	\$52,500	\$52,500

911 MAINTENANCE

Fund: Capital

Department: Law Enforcement

Project Cost: \$316,295 | **Outside Funding:** \$-0- | **City Cost:** \$316,295

Description: Annual maintenance contract for the Next Generation Enhanced 911 system.

Justification: Annual maintenance for the seven-year contract agreement of the Next Generation Enhanced 911 system.

Anticipated Benefit: Greater ability for 911 services to the citizens of our community. This includes GPS mapping, texting and photo submission to the 911 centers.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$316,295	\$63,259	\$63,259	\$63,259	\$63,259	\$63,259

TASER PROGRAM

Fund: Capital
Department: Law Enforcement
Location: 1019 Schroeder Creek Blvd.

Project Cost: \$666,517 | **Outside Funding:** \$-0- | **City Cost:** \$666,517

Description and Justification: Taser assurance/replacement program and the purchase of a TAP program for the taser camera system including the cost of evidence.com to store unlimited data and manage the recordings from the cameras as well as the cameras and associated hardware. The TAP program ensures availability of hardware and software updates at no additional costs during the contract period. The program continues to replace equipment that is out of warranty, as replacement parts are unavailable. The bundle of these two contracts offers the ability to have short range and long-range cartridges, improved probe ballistics, training cartridges for each officer, unlimited batteries, all the associated hardware for charging the batteries for the weapons and a virtual reality training program that emphasizes de-escalation.

Anticipated Benefit: Health and safety and the TAP program allows the Police Department to keep current with the rapidly changing advances in technology associated with this equipment to minimizes the impacts on the budget should this system require unexpected purchases.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$666,517	\$130,273	\$134,061	\$134,061	\$134,061	\$134,061

EMERGENCY WARNING SIRENS

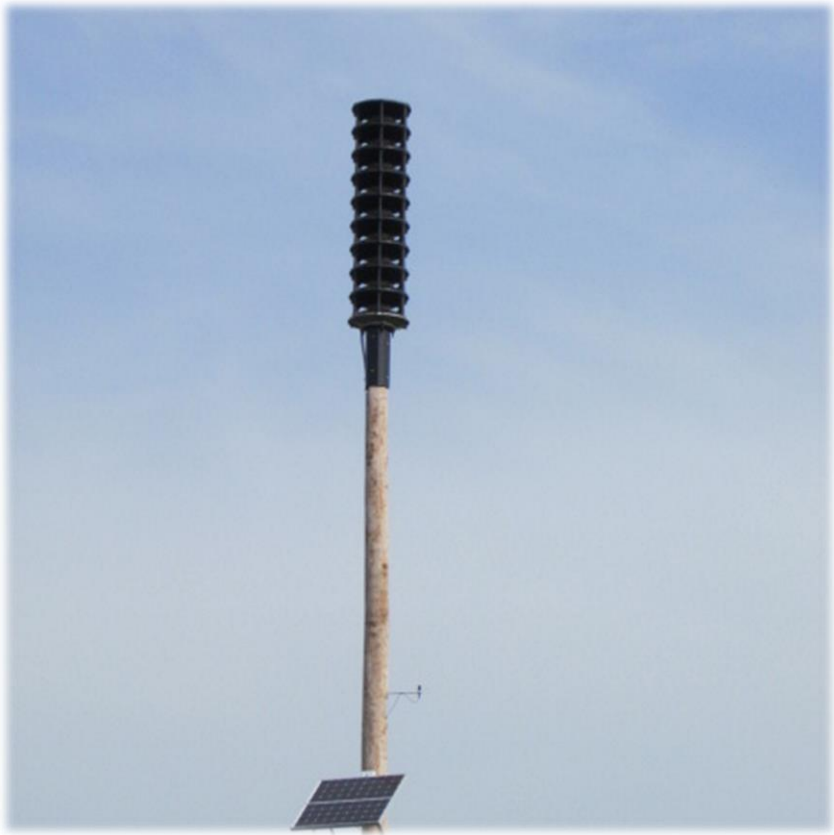
Fund: Capital
Department: Law Enforcement
Location: 1019 Schroeder Creek Blvd.

Project Cost: \$215,000 | **Outside Funding:** \$-0- | **City Cost:** \$215,000

Description: The City will purchase and install emergency weather warning sirens to serve an expanding geographic population, as well as replacing those due to age.

Justification: City expansion and/or aging sirens.

Anticipated Benefit: Safety and liability.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$215,000	\$43,000	\$43,000	\$43,000	\$43,000	\$43,000

PATROL VEHICLES AND EQUIPMENT/SET-UP

Fund: Capital

Department: Law Enforcement

Location: 1019 Schroeder Creek Blvd.

Description and Justification: With the growth of the department, the increased demands on the department as evidenced by the dramatic increase of calls for service, there is a need to increase the number of vehicles in the fleet. The department budgeted to increase the fleet replacements from five to nine along with the associated equipment to outfit them. The breakdown of the purchase will be eight four-wheel drive pursuit rated SUVs and one non-pursuit rated sedan.

Anticipated Benefit: Reduced liability, less maintenance and repair costs and safety of officers and residents. In addition, a well working fleet of police vehicles including four-wheel drive vehicles allows officers to respond to calls for services and to conduct proactive policing in all types of weather.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$2,800,000	\$520,000	\$540,000	\$560,000	\$580,000	\$600,000

MOTORCYCLE					
FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$170,000	\$30,000	\$32,000	\$34,000	\$36,000	\$38,000



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Parks and Recreation

PARKS & RECREATION

PROJECT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
Maintenance	Public Park Facility Improvements	77,000	77,500	78,000	78,000	78,000	388,500
Maintenance	Maintenance Shed Build Out – Phase II	25,000	25,000	25,000	25,000	-	100,000
Maintenance	Preventative Maintenance Asphalt Parking Lots and Trails	98,000	63,353	54,000	48,391	48,391	312,135
Maintenance	Public Park Outdoor Improvements	81,488	71,750	66,625	83,025	87,125	390,013
Maintenance	Pickleball Courts at Fireman’s Park	139,375	-	-	-	-	139,375
Maintenance	Heartland Park Trail Extension	-	358,800	-	-	-	358,800
Maintenance	Progress Park Playground Resurfacing	-	-	83,750	-	-	83,750
Maintenance	Lighted Aeration Fountain at Heartland Park	-	-	61,250	-	-	61,250
Maintenance	Fishing Dock at Heartland Park	-	-	50,000	-	-	50,000
Maintenance	Synthetic Surfacing at Heartland Park Fields 1 and 2	-	-	-	363,000	-	363,000
Maintenance	Big Creek Phase II	-	-	-	96,900	-	96,900
Administration	Park Land Acquisition Reserve	-	-	-	-	200,000	200,000
Ice Arena	Ice Arena Flooring Replacement	-	-	-	-	98,900	98,900
Recreation	Nature Explore Classroom	-	-	-	-	57,798	57,798
Parks & Recreation Funded Equipment:							
Ice Arena	Ice Resurfacer	90,000	-	-	-	90,000	180,000
Ice Arena	Ammonia Chiller Compressor	36,000	38,000	45,000	-	-	119,000
TOTAL		546,863	634,403	463,625	694,316	660,214	2,999,421

PARKS & RECREATION

EQUIPMENT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
Capital Funded Projects:							
Ice Arena	Ice Arena Debt Service	100,000	100,000	100,000	100,000	100,000	500,000
Maintenance	ADA Sidewalk Replacement	-	25,000	-	25,000	-	50,000
Horticulture & For	Compact Mini Skid Loader	35,000	-	-	-	-	35,000
Administration	4-Door Passenger Car	25,650	-	-	-	-	25,650
Horticulture & For.	3/4-Ton 4x4 Pickup Truck	-	30,150	-	-	-	30,150
Recreation	1/2-Ton 4x4 Extended Cab Pickup Truck	-	27,150	-	-	-	27,150
Maintenance	LED Informational Sign	-	17,000	-	-	-	17,000
Horticulture & For	Sprayer	-	15,000	-	-	-	15,000
Horticulture & For	60" Zero Turn Mower	-	10,500	-	-	-	10,500
Horticulture & For	16' Equipment Trailer	-	8,050	-	-	-	8,050
Horticulture & For	72" Zero Turn Mowers	-	24,000	12,000	-	-	36,000
Horticulture & For	Zero-Turn Mower	-	18,500	18,500	-	-	37,000
Maintenance	Mini-Excavator	-	-	65,000	-	-	65,000
Horticulture & For	Skid Loader	-	-	65,000	-	-	65,000
Maintenance	1-Ton Pickup Truck w/Extended Cab	-	-	-	58,150	-	58,150
Recreation	AWD Crossover	-	-	-	50,300	-	50,300
Horticulture & For	Utility Tractor	-	-	-	30,000	-	30,000
Horticulture & For	Air Compressor	-	-	-	28,000	-	28,000
Horticulture & For	Articulating Slope Mower	-	-	-	25,000	-	25,000
Horticulture & For	Turf Sprayer	-	-	-	15,000	-	15,000
Horticulture & For	Bunker Rake/Groomer	-	-	-	13,000	-	13,000

PARKS & RECREATION

EQUIPMENT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
Horticulture & For.	Utility Vehicle	-	-	-	11,000	-	11,000
Horticulture & For	1-Ton 4x4 Pickup Truck with Snow Plow Package	-	-	-	-	45,150	45,150
Horticulture & For	1-Ton 4x4 Pickup Truck with Utility Bed and Power Inverter	-	-	-	-	42,150	42,150
Horticulture & For	1-Ton 4x4 Pickup Truck with Flat Bed, Hoist, and Snow Plow	-	-	-	-	42,150	42,150
Administration	4x4 Pickup Truck with Police Package	-	-	-	-	40,000	40,000
Horticulture & For	Stump Cutter	-	-	-	-	40,000	40,000
Administration	1-Ton 4x4 Pickup Truck	-	-	-	-	28,150	28,150
Horticulture & For	6x4 Turf Utility Vehicle	-	-	-	-	13,000	13,000
Horticulture & For	16' Utility Equipment Trailer	-	-	-	-	8,050	8,050
Recreation	Holiday Lights Display	16,500	16,500	17,000	17,000	17,000	84,000
TOTAL		177,150	291,850	277,500	372,450	375,650	1,494,600

TOTAL PROJECTS AND EQUIPMENT							
	2022	2023	2024	2025	2026	Five Year Total	
TOTAL	724,013	926,253	741,125	1,066,766	1,035,864	4,494,021	

PARKS & RECREATION

FUNDING SOURCE						
	2022	2023	2024	2025	2026	Five Year Total
Capital Fund	177,150	291,850	277,500	372,450	375,650	1,494,600
Park Fund	546,863	419,560	433,625	694,316	660,214	2,754,578
Dierbergs Contribution/Land Agreement from 2005	-	64,843	-	-	-	64,843
Recreation Trails Program Grant	-	150,000	-	-	-	150,000
Community Access Program Grant	-	-	30,000	-	-	30,000
TOTAL	724,013	926,253	741,125	1,066,766	1,035,864	4,494,021

PUBLIC PARK FACILITY IMPROVEMENTS

Fund: Parks & Recreation

Department: Maintenance

Location: Citywide

Project Cost: \$388,500 | **Outside Funding:** \$-0- | **City Cost:** \$388,500

Description: Funds used to:

1. Repair or replace unscheduled mechanical failures such as air conditioners, furnaces, boilers, etc.
2. Repair or replace unanticipated infrastructure deficiencies or structural failures such as roof leaks, electrical, storm/sanitary sewer, plumbing, etc.
3. Perform needed construction/renovation projects in a timely fashion.
4. Improve overall efficiency of an operation or facility.
5. Replace equipment that has been lost to theft or unexpected malfunction and replacement/repair.
6. Add, replace or enhance security measures at any of the indoor facilities.

Identified projects include:

2022: Replace a treadmill (3 of 5) @ PPRC (\$7,500); Fitness Equipment Replacement (3 of 8) @ PPRC (\$4,000); Replacement Lifeguard Windows (\$4,000) @ PP Pool; Exterior doors @ PPRC (\$7,500); Ice Arena Locker Room (\$19,000); Ice Arena Employee Restroom Storage (\$15,000); Emergency Contingency (\$20,000)

2023: Replace a treadmill (4 of 5) @ PPRC (\$7,500); Fitness Equipment Replacement (8 of 8) @ PPRC (\$4,000); Progress Park Window Replacement (\$10,000); PPC Restroom Reno (\$19,000); PPRC Roof Membrane (\$10,000); PPFF Restroom (\$7,000); Emergency Contingency (\$20,000)

Justification: These project funds are exclusively to be used for work related to enclosed building structures. There are a number of smaller projects that get submitted every year that if completed when the issue begins rather than waiting until the problem reaches a critical stage will result in future cost savings. The problem is that these types of projects are always dropped during the budget process to focus resources on issues that have already reached the critical phase and the department never has an opportunity to catch up. It is proposed that system be developed to address these issues while they are still in their “infancy.”

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$388,500	\$77,000	\$77,500	\$78,000	\$78,000	\$78,000

MAINTENANCE SHED BUILD OUT – PHASE II

Fund: Parks & Recreation

Department: Maintenance

Location: Peruque Valley Park

Project Cost: \$100,000 | **Outside Funding:** \$-0- | **City Cost:** \$100,000

Description and Justification: With these funds, staff plans to continue finishing the inside of the Peruque Valley Park maintenance shed. Only the shell of the building was built in 2018. The build out includes everything from plumbing, electrical, flooring, walls, drywall and HVAC of the offices and restrooms of the building so that staff can start working out of the building. The first phase of the buildout (staff areas – offices, restrooms, breakroom and associated HVAC is anticipated to be completed in 2019. Phase II of this project the completion of a portion of the shop area including all concrete, plumbing, electrical and building materials for a secured chemical storage bay, tool crib, and equipment maintenance area. Phase III of the project will include the concrete, plumbing, electrical, and guard rail for the balance of the shop area. Phase IV is the lighting, overhead fans and radiant heat system for the shop area. Phase V is effectively a catch all project to wrap up any unfinished part of the interior buildout, install exterior walkways, building security features, patron parking, and a covered wash bay.

Anticipated Benefit to the City: Staff is self-performing this work and these costs are material only expenses and, therefore, the City is saving approximately 60-75% of the cost of having a contractor perform this work. Currently, staff has to drive back and forth with tools and equipment to Progress Park and Peruque Valley Park. With the completion of the maintenance shed, the number of trips between the two parks will be reduced, which will result in a reduction of fuel consumption for the department and the City.

In 2021, the Capital Fund will transfer \$100,000 from reserves to the Park Fund to fund a portion of the build out. Beginning in 2022, the \$100,000 from the reserve will be fully restored and paid back by the Park fund by 2025 in which transfers of \$25,000 will be completed annually.

FUNDING SCHEDULE – PAY BACK TO CAPITAL FUND					
Total	2022	2023	2024	2025	2026
\$100,000	\$25,000	\$25,000	\$25,000	\$25,000	-

PREVENTATIVE MAINTENANCE PROGRAM FOR ASPHALT PARKING LOTS AND TRAILS

Fund: Parks & Recreation

Department: Maintenance

Location: Citywide

Project Cost: \$312,135 | **Outside Funding:** \$-0- | **City Cost:** \$312,135

Description and Justification: Funds used to implement a preventative maintenance and repair program for asphalt parking lots and trails within the Parks system. The funds would also be used to add or replace asphalt in places where needed such as short connections, turn radii, additional parking, erosion points, or park entrances. Current projects under consideration are:

- **2022:** Overlay and make full depth repair to bad spots in the access road and East parking lot at the Ice Arena
- **2023:** Crack Seal and Top Coat Asphalt Trail in Rotary Park
- **Pending Projects:**
 - Full depth repair bad spots and overlay the West parking lot at the Ice Arena (to be coordinated w road extension)
 - Crack Seal and Top Coat, perhaps some spot repairs to the base are needed as well as a complete overlay for the big Lot in Memorial Park
 - Spot repairs at Rotary Park from Fire House to Bleachers and add additional shoulder to improve turn radius at lower loop
 - Replace pervious asphalt at Heartland Park
 - Connection from South parking area to ballfields at Memorial Park
 - Install new trail in missing section of PVP near Peruque Creek

The overall condition of the asphalted areas in the City Park System is rated at fair but there is an increasing need to catch up on the maintenance side. With the increasingly difficult budget challenges that we are facing, it is recommended that a review of the current service levels and the related revenues is completed to establish a baseline for establishing a long-term maintenance program of asphalt surfaces consist with what is being done on City streets. There are also some areas where it should be considered to add a short connection or a few extra parking spaces and these funds would allow it. There are also some areas in the park system where short connections or a few extra parking spaces it should be considered to add a short connection or a few extra parking spaces meet ADA or maintenance standards and these funds would allow it.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$312,135	\$98,000	\$63,353	\$54,000	\$48,391	\$48,391

PUBLIC PARK OUTDOOR IMPROVEMENTS

Fund: Parks & Recreation

Department: Maintenance

Location: Citywide

Project Cost: \$390,013 | **Outside Funding:** \$-0- | **City Cost:** \$390,013

Description and Justification: Funds will be used to address unanticipated structural deficiencies or failures to outdoor or non-enclosed building related infrastructure (pavilions included in this category) such as:

1. Make unscheduled repairs to individual pieces of playground equipment and, eventually, to install new amenities.
2. Repair, replace or enhance faulty or defective infrastructure such as irrigation systems, aeration fountains, boardwalks, lighting or plumbing systems, etc.
3. Repair or replace structural deficiencies in outdoor infrastructure such as foot bridges, signs, stairs, drinking fountains, backstops, outfield fences, batting cages, scoreboards, pavilions, etc.
4. Perform needed construction/renovation projects in a timely fashion.
5. Improve overall efficiency of an operation or facility or enhance outdoor facilities with adding small improvements

Projects that are currently under consideration for this funding source are:

2022: entrance sign at Heartland Park (\$34,000); PVP Dockler Pavilion (\$10,000); irrigation entry beds at Heartland Park (\$7,500); Northview sidewalk (\$3,000); extend retaining wall at Peruque Valley Park Lake (\$25,000).

2023: entrance sign at Peruque Valley Park (\$35,000); Ice Arena vinyl dumpster enclosure (\$10,000); PP dumpster enclosure (\$25,000)

2024: entrance sign at Progress Park (\$18,000), irrigation/seed at WAP (\$23,000); RP HNL yard ret wall (\$24,000)

Anticipated Benefit to the City: There are a number of smaller projects that get submitted every year that if completed when the issue begins rather than wait until the problem reaches a critical stage will result in future cost savings. The problem is that these types of projects are always dropped during the budget process to focus resources on issues that have already reached the critical phase and we never have an opportunity to catch up. It is proposed that a system be developed to address these issues while they are still in their "infancy".

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$390,013	\$81,488	\$71,750	\$66,625	\$83,025	\$87,125

PICKLEBALL COURTS AT FIREMAN’S PARK

Fund: Parks & Recreation

Department: Maintenance

Location: Fireman’s Park

Project Cost: \$139,375 | **Outside Funding:** \$-0- | **City Cost:** \$139,375

Description and Justification: Funds used to address unanticipated structural deficiencies or failures to outdoor or nonbuilding related infrastructure (pavilions included in this category) such as:

1. Make unscheduled repairs to individual pieces of playground equipment and eventually to install new amenities.
2. Repair, replace or enhance faulty or defective infrastructure such as irrigation systems, aeration fountains, trails, boardwalks, electrical or plumbing, etc.
3. Repair, replace, or enhance structural deficiencies such as foot bridges, drinking fountains, backstops, outfield fences, scoreboards, pavilions, etc.
4. Perform needed construction/renovation projects in a timely fashion.
5. Improve overall efficiency of an operation or facility.
6. Provide survey, testing, and sealed drawings for all improvements

Anticipated Benefit to the City: Feedback received from residents during the last Park Master Planning Process indicated that 60% (highest number for this category) of the respondents were "Very Supportive" and another 30% were "Somewhat Supportive" of Maintaining/Repairing our existing Parks, Shelters, Facilities, etc. Only 3% were "Not Supportive" and 8% "Don't Know". When asked what "Actions the Respondents would be most willing to support with their tax dollars", 34% of the respondents placed Maintenance of Existing Park, Shelters, Facilities as their 1st, 2nd or 3rd Choice - again, the highest total in this category.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$139,375	\$139,375	-	-	-	-

HEARTLAND PARK TRAIL EXTENSION

Fund: Parks & Recreation

Department: Maintenance

Location:Heartland Park

Project Cost: \$358,800 | **Outside Funding:** \$214,843 | **City Cost:** \$143,957

Dierberg's Contribution/Land Agreement from 2005 - \$64,843

Recreation Trails Program Grant - \$150,000

Description and Justification: This funding would be used to design, plan, phase and implement improvements to the City's Hike and Bike Trail System in accordance with the City's Trail Master Plan. Projects specifically identified for this funding include:

1. Match funds for recreation trails program, land water conservation fund and transportation enhancement grant programs.
2. Design an additional loop to internal trail system Heartland Park extending south across the tributaries and along the lake to Schroeder Creek Blvd.
3. Fund land acquisition for a trailhead at the southeast corner of the park.
4. Incorporate uniform trail signage along the sections of existing trails.

Anticipated Benefit to the City: Feedback received from residents during the last Park Master Planning Process indicated that 60% (highest number for this category) of the respondents were "Very Supportive" and another 30% were "Somewhat Supportive" of Maintaining/Repairing our existing Parks, Shelters, Facilities, etc. Only 3% were "Not Supportive" and 8% "Don't Know". When asked what "Actions the Respondents would be most willing to support with their tax dollars", 34% of the respondents placed Maintenance of Existing Park, Shelters and Facilities as their 1st, 2nd or 3rd Choice - again, the highest total in this category.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$358,800	-	\$358,800	-	-	-
Dierberg's	-	\$64,843	-	-	-
Grant	-	\$150,000	-	-	-

PROGRESS PARK PLAYGROUND RESURFACING

Fund: Parks & Recreation

Department: Maintenance

Location: Progress Park

Project Cost: \$83,750 | **Outside Funding:** \$-0- | **City Cost:** \$83,750

Description and Justification: The Progress Park playground safety surface is nearing the end of its life expectancy and will need to be replaced. The playground surfacing is deteriorating which jeopardizes its ability to absorb falls/impacts as it did when it was new and there are gaps related to contraction around the edges which limit the surfaces ability to comply with ADA accessibility guidelines. The total square footage of the playground surfacing that will need to be replaced is 5,250 sq. ft. and cost per sq. ft. is around \$15 per sq. ft.

Anticipated Benefit to the City: The benefit to making this improvement is that it will ensure user safety and it may prevent any future claims that could arise from injuries or ADA compliance issues. The playground surfacing was designed to prevent injuries that occur from falls on playgrounds. It is the responsibility of the owner to ensure that all playground safety surfaces/playgrounds are kept to NPSI standards. All playground surfacing must also be compliant with ADA standards for accessibility across all surfacing. As seen from the pictures, the surfacing is deteriorating and may be a hazard if not addressed soon.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$83,750	-	-	\$83,750	-	-

LIGHTED AERATION FOUNTAIN

Fund: Parks & Recreation

Department: Maintenance

Location: Heartland Park

Project Cost: \$61,250 | **Outside Funding:** \$15,000 | **City Cost:** \$46,250
Community Access Program Grant through Missouri Department of Conservation -
\$15,000

Description and Justification: Funds will be used to design, purchase and install lighted water fountains in the lake/pond at Heartland Park. This project may be eligible for CAP grant funds through the Missouri Department of Conservation.

Fishing and water aeration was never addressed in the design or construction of Heartland Park. This lack of planning has led to a few small fish kill events over the years since this park was built. These events are attributed to algae blooms that occur during times of high-water temperatures and lack of water circulation. Staff is proposing to address the causes by adding artificial circulation and ensure proper aeration of the lake. This is essential to ensure the water does not become stagnant in hot summer months. Additionally, the preventative maintenance for the lake will also require treating the lake with a variety of chemicals and some of these chemicals require adequate oxygen prevent algae growth and prevent fish kills.

Staff is proposing to install one large floating fountain capable of creating a 50' tall by 30' wide spray with lights and two smaller fountains with lights. This will likely create a unique landmark being highly visible at night for drivers on Schroeder Creek Blvd. and William Dierberg Drive.

Anticipated Benefit to the City: The introduction of a floating fountain accomplishes a number of positive outcomes. First, it provides an interesting water feature that will be quite impressive and may be an attraction to visitors. Additionally, it assists with the overall water quality by aiding in the aeration process which helps with the chemical treatment process necessary with this type of lake. It also creates an agitation process which speeds up the decay process in the sludge layers of a lake/pond.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$61,250	-	-	\$61,250	-	-
CAP Grant	-	-	\$15,000	-	-

FISHING DOCK

Fund: Parks & Recreation

Department: Maintenance

Location: Heartland Park

Project Cost: \$50,000 | **Outside Funding:** \$15,000 | **City Cost:** \$35,000
Community Access Program Grant through Missouri Department of Conservation -
\$15,000

Description and Justification: Funds will be used to design, purchase and install a floating fishing dock system at Heartland Park Lake. This project is eligible for CAP grant funding through the Missouri Department of Conservation.

Stocked lakes obviously attract larger numbers of fishing enthusiasts and Heartland Lake is no exception. The Missouri Department of Conservation has been stocking Heartland Lake since 2015 as part of the Community Assistance Program and the lake has a healthy fish population. As part of constructing the park, the lake's shoreline was largely seeded with a native mix of plants as they have gotten established obstruct access to the lake and make fishing somewhat challenging. City staff does not mow the water's edge as is done in Rotary Park because there is an increased emphasis on preventing the establishment of a permanent population of Canadian Geese. The geese once established are difficult to get rid of. The geese tend to populate bodies of water that have gentle sloping shorelines, open fields of vision, and a nearby food source. A well-maintained vegetative buffer will prevent the establishment of a resident population of geese but also conflicts with those wishing to use the lake as a recreational fishing amenity.

Staff is proposing to purchase and install a floating dock/pier with a 40' long by 6' wide runway which leads to a 12'x32' platform with railings.

Anticipated Benefit to the City: Installing a floating dock allows the anglers to access the water better and it provides another structure to aid the growth and health of the fish population. The City is also able to maintain the current vegetative buffer and prevents the introduction of goose excrement to the ballfields and walkways located in the park.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$50,000	-	-	\$50,000	-	-
CAP Grant	-	-	\$15,000	-	-

SYNTHETIC SURFACING – FIELDS 1 AND 2

Fund: Parks & Recreation

Department: Maintenance

Location: Heartland Park

Project Cost: \$363,000 | **Outside Funding:** \$-0- | **City Cost:** \$363,000

Description and Justification: Funds will be used to remove and replace synthetic surfacing on Fields #1 (2024) and #2 (2026) at Heartland Park. These surfaces were installed in 2014 and are approaching the end of their product life cycle.

Because these synthetic surfaces are still somewhat new to the market and the preventative maintenance that they receive is different from one organization to the next, it is unclear how often this surfacing should be replaced. Staff has been told by manufacturers that organizations should consider replacement every 8-10 year and staff placed/scheduled the replacement in year 10 and the other at year 12.

Staff has been diligent in the administering the preventative maintenance program for the surfacing on these fields. The hope is that by implementing the maintenance program as set by the manufacturer, the product lifecycle may be extended. Staff will continue to monitor the condition of the surfaces and, if it possible will push this project off as long as possible.

Anticipated Benefit to the City: The City initially purchased and installed a mid-level turf which incorporates a deeper layer of crumb rubber and, therefore, has a better cushioning factor. While this decision was made to ensure a greater level of safety for the users, it is also possible that this may lead to a longer lifecycle.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$363,000	-	-	-	\$363,000	-

BIG CREEK PHASE II

Fund: Parks & Recreation

Department: Maintenance

Location: North of the Water Treatment Plant on the Big Creek

Project Cost: \$96,900 | **Outside Funding:** \$-0- | **City Cost:** \$96,900

Description and Justification: Funds will be used to design and construct a canoe/kayak launch on the Big Creek north of the Water Treatment Plant on land owned by the City. The plan would be to:

- Incorporate vehicle access to the launch site consisting of a gravel road with “fencing” along the road to prevent vehicles from leaving the road and causing damage to the crops in that area.
- Re-evaluate and incorporate appropriate safety measures to ensure vehicles cannot access the creek.
- If necessary, incorporate shoreline reinforcement measures to prevent high water events, erosion, or wear and tear by users from impacting the shoreline.
- Consider as part of the design the potential for expanded services such as rentals/returns.
- Finish design and installation of electric infrastructure to include emergency, security and parking lot lighting for the site that may not have been completed within Phase I.
- Design and install ADA accessible route to boat launch area within the creek bed.
- Design and install Gabion wall for the bank stabilization and ADA accessible route.
- Design and install free parking infrastructure.
- Design and install upgraded trail infrastructure to include dust free surfaces.
- Design and install of entrance monuments and wayfinding signage for the site.
- Design and install of native landscape for screening of this facility from surrounding parcels.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$96,900	-	-	-	\$96,900	-

RESERVE FOR PARK LAND ACQUISITION

Fund: Parks & Recreation

Department: Maintenance

Project Cost: \$200,000 | **Outside Funding:** \$-0- | **City Cost:** \$200,000

Description and Justification: Funds would be used to quickly act on opportunities as they present themselves to secure small tracts of land for the following uses:

1. Land Acquisition for Creating Trail Linkages in Accordance with Trail Master Plan
2. Land Acquisition for the creation of needed Trailheads in Accordance with Trail Master Plan and Park Master Plan
3. Land Acquisition for Enhancements at Existing Parks such as adding space, fields, and buffers to already existing Parks
4. Land Bank parcels for future Park Development in Accordance with the Park Master Plan and the City's Comprehensive Plan

City staff routinely encounter issues of limited access to park land or linkage to parks or trails. Most often it is the case that additional land is needed for easements related to trail development. There are also opportunities that occasionally surface where the City could enhance its parks system by increasing the buffers around the parks by acquiring vacant or deficient properties that exist around some of the City's parks. Often these opportunities arise when there are no funds available to react to such opportunities and/or there is limited time to react to these types of opportunities. This funding source aims to provide a small war chest to allow the City to react to these types of issues in a timely fashion.

Anticipated Benefit to the City: Feedback provided by residents during the City's last Park Master Planning process indicated that 52% of the respondents were "Very Supportive" and 31% were "Somewhat Supportive" or 83% of those responding were supportive of "Acquiring Land for Developing New Park and Preserving Open Space".

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$200,000	-	-	-	-	\$200,000

ICE ARENA FLOORING REPLACEMENT

Fund: Parks & Recreation

Department: Ice Arena

Location: Ice Arena

Project Cost: \$98,900 | **Outside Funding:** \$-0- | **City Cost:** \$98,900

Description and Justification: Funds will be used to replace the current flooring throughout the facility in the lobby and hallways. The current flooring is nearing the end of its life expectancy and there are several areas where the flooring has bubbled, causing tripping hazards.

Anticipated Benefit to the City: With the purchase of the Ice Arena, staff will be completing maintenance that has been neglected by previous staff. With the replacement of the current system, staff will reduce costly future repairs.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$98,900	-	-	-	-	\$98,900

NATURE EXPLORE CLASSROOM

Fund: Parks & Recreation

Department: Recreation

Location: Peruque Valley Park

Project Cost: \$57,798 | **Outside Funding:** \$-0- | **City Cost:** \$57,798

Description and Justification: Funds will be used to design and construct a nature explore classroom at Peruque Valley Park. Nature explore classrooms are dynamic, nature-based play and learning spaces. This outdoor classroom will be used to offer comprehensive programming to help children use the natural world as an integral part of learning. The classroom space will include an action area (climbing and crawling), messy materials area, building area, nature area, making music area, a gathering area, storage and signs and a pavilion

Anticipated Benefit to the City: This outdoor classroom will offer more recreational space to offer revenue generating funds.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$57,798	-	-	-	-	\$57,798

ICE RESURFACER

Fund: Parks & Recreation

Department: Ice Arena

Project Cost: \$180,000 | **Outside Funding:** \$-0- | **City Cost:** \$180,000

Description: Funds will be used to replace the current one or both of the Ice Resurfacers at the Wentzville Ice Arena. These units are a 1998 and 1999 Olympia 2000 Ice Resurfacer. Both of the resurfacers are 20+ years old and well beyond their normal life expectancy.

Staff will evaluate whether or not there is an option to purchase a used unit from a professional hockey organization which, typically, rotate their resurfacers annually. If so, the cost of a used unit is about half of the cost of a new one. The life expectancy of ice resurfacers is 8-10 years.

Justification: This is a straight forward vehicle replacement scheduled to avoid escalating maintenance costs.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$180,000	\$90,000	-	-	-	\$90,000

AMMONIA CHILLER COMPRESSOR

Fund: Parks & Recreation

Department: Ice Arena

Project Cost: \$119,000 | **Outside Funding:** \$-0- | **City Cost:** \$119,000

Description: The funds will be used to purchase replacement ammonia chiller compressors as part of a replacement program as follows:

- **2022:** Compressor #2 – Model C6-W06A/Serial 98205/HYD 450 HP/ (L.P. 300)/AIR HP 300 (L.P. 180)
- **2023:** Compressor #1 – Model C6-W06A/Serial 98206/HYD 450 HP/(L.P. 300)/AIR HP 300 (L.P. 180)
- **2024:** Compressor #3 – Model N6WBHE-BB/Serial 638256/HYD 470 HP/(L.P.470)/LEAK HP 313 (L.P. 250)

Justification: The current ammonia compressors were inherited with the purchase of the Ice Arena and are well beyond their normal life expectancy. By replacing the current compressors, the City will save on costly replacement parts for the machines due to their age.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$119,000	\$36,000	\$38,000	\$45,000	-	-

ICE ARENA DEBT SERVICE

Fund: Capital

Department: Ice Arena

Project Cost: \$2,000,000 | **Outside Funding:** \$-0- | **City Cost:** \$2,000,000

Description and Justification: Representatives of Lindenwood University reached out to City staff in April 2018 to share that the University was going to be moving its hockey teams from the ice arena in Wentzville to a new location in Maryland Heights and, as part of this transition, they would be considering putting the Wentzville Ice Arena up for sale at some point in 2018. Because of the University's educational mission, they also expressed a strong interest in seeing the facility remain as a recreational amenity within Wentzville and they conveyed their commitment to wanting to maintain a significant and improved presence within the Wentzville community.

City staff performed a preliminary assessment of the financial viability of purchasing the ice arena and performed certain initial due diligence, including obtaining certain engineering inspections of the facility and property. Major components that were inspected by Cochran Engineering or its subcontractors included: HVAC, mechanical, electrical, plumbing, ice system, structural, site, equipment, the ice arena refrigeration systems, and the ice resurfacing equipment.

The sale price of the facility was \$2,000,000.

Lindenwood University agreed to finance the purchase, interest free, for twenty (20) years.

Anticipated Benefit to the City: The Ice Arena provides an opportunity for a wide variety of additional programs and recreation opportunities.

FUNDING SCHEDULE							
Total	PRIOR	2022	2023	2024	2025	2026	FUTURE
\$2,000,000	\$300,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,200,000

ADA SIDEWALK REPLACEMENT/IMPROVEMENTS

Fund: Capital

Department: Maintenance

Project Cost: \$50,000 | **Outside Funding:** \$-0- | **City Cost:** \$50,000
Capital Fund - \$50,000

Description: Replace cracked, heaved or otherwise damaged sidewalks within the park system or around public facilities. Occasionally, funds are used to install new ADA ramps or new sections of sidewalk on public rights of way to make connections to either the trail system or in heavily traveled areas.

Justification: Funding source for replacing sidewalks that are not ADA-compliant or to add new sidewalks in areas that we need to in order to be compliant with those standards.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$50,000	-	\$25,000	-	\$25,000	-

COMPACT MINI SKID LOADER

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$35,000 | **Outside Funding:** \$-0- | **City Cost:** \$35,000

Description and Justification: Funds will be used to purchase a Boxer 532DX compact mini skid loader with trailer and attachments for the Horticulture & Forestry Division. This is a mobile and versatile piece of equipment that can be used in all seasons. It is smaller than most equipment that the department currently has so it is ideal for those little jobs that require lots of labor. The department currently rents this type of equipment when needed but one can readily see that over a few years they could own one for what they have invested in renting one. The equipment can more efficiently do the labor-intensive work like moving dirt/mulch, trenching, tilling, snow removal, etc. Again, it is capable of working in tighter areas than the larger equipment will. Additionally, a wide variety of attachments can be purchased to increase the functionality of the equipment. The anticipated life cycle for a unit like this in park setting is expected to be around 12-14 years or 3,000 hours.

Justification: This unit will allow the department to avoid escalating rental costs and allow labor intensive work to be completed more efficiently.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$35,000	\$35,000	-	-	-	-

4-DOOR PASSENGER CAR

Fund: Capital

Department: Administration

Project Cost: \$25,650 | **Outside Funding:** \$-0- | **City Cost:** \$25,650

Description: The funds will be used to replace a 2011 Chevy Impala. This vehicle is used daily by staff in the Park Administration Division for picking up daily deposits from Progress Park, Splash Station, and Peruque Valley Park. The vehicle is also used by various other staff in the Parks and Recreation Department for running errands or conducting various other businesses in the area. The anticipated life cycle of a new unit is expected to be 10 years or 100,000 miles.

Justification: This vehicle was transferred from the Police Department in 2019 to ensure that certain administrative staff was no longer needing to utilize their personal vehicles for conducting City business. Because this vehicle was kept in the fleet after its expected lifespan, the replacement has been rescheduled earlier within the five-year program. Car #825 is currently 10-years old and has 83,090 miles on it.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$25,650	\$25,650	-	-	-	-

3/4-TON 4X4 PICKUP TRUCK

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$30,150 | **Outside Funding:** \$-0- | **City Cost:** \$30,150

Description and Justification: In the Park Operations Division, the funds will be used to purchase a replacement truck for the Horticulture & Forestry Unit. The unit is currently used in a variety of roles in the department including being used to pull equipment trailers, haul materials/supplies to/from jobsites and to handle general transportation needs. The replacement vehicle will be outfitted as a 3/4-Ton 4x4 pickup truck with a standard cab. The anticipated life cycle of a new unit in this category is expected to be 10 years or 100,000 miles. Snow plow and salt spreaders will not be included with the purchase of any of these vehicles and, if needed, will be the responsibility of the Street department's budget. Truck #802 is currently 18-years old and has 94,429 miles on it.

3/4-TON 4X4 PICKUP TRUCK WITH STANDARD CAB

FUNDING SCHEDULE

Total	2022	2023	2024	2025	2026
\$30,150	-	\$30,150	-	-	-

1/2-TON 4X4 EXTENDED CAB PICKUP TRUCK

Fund: Capital

Department: Recreation

Project Cost: \$27,150 | **Outside Funding:** \$-0- | **City Cost:** \$27,150

Description: Funds will be used to replace a 2006 Chevy Colorado pickup with and extended cab. This vehicle was transferred from Public Works in 2018. This vehicle is used in daily Recreation Division for hauling materials, supplies and equipment to and from various parks. A pickup truck is necessary for hauling concession items and sport-related equipment throughout the year. The anticipated life cycle of a new unit is expected to be 10 years or 100,000 miles. Because this vehicle was kept in the fleet after its expected lifespan, replacement will be scheduled within the five year plan.

Justification: This is a straight forward vehicle replacement scheduled to avoid escalating maintenance costs. Truck #804 is currently 15-years old and 67,379 miles on it.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$27,150	-	\$27,150	-	-	-

LED INFORMATIONAL SIGN

Fund: Capital

Department: Maintenance

Project Cost: \$17,000 | **Outside Funding:** \$-0- | **City Cost:** \$17,000

Description and Justification: Funds will be utilized to purchase two mobile LED informational signs for the Park and Recreation Department. The unit currently in use was passed down from the Street Division and needs 10 of the 24 display panels replaced along with new batteries. The Department inherited two of these informational signs and was able to salvage one working sign by using parts from the other. As this sign continues to age so does the technology and replacement parts are becoming more costly. Over time it is going to be more cost effective to replace the older signs and convert to the newer LED technology. The estimated cost is in line with a recent purchase of a new sign made by the Street Division.

Anticipated Benefit: The sign will be used for marketing and information sharing purposes to notify residents of upcoming programs/events taking place as well as a means for communicating road closures when they are going to occur.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$17,000	-	\$17,000	-	-	-

SPRAYER

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$15,000 | **Outside Funding:** \$-0- | **City Cost:** \$15,000

Description and Justification: This L.T. Rich Z-Max sprayer will be used for applying liquid and granular fertilization, spraying pre- and post-emergent chemical applications and performing aeration and slit seeding in small areas. This equipment will further increase our efficiency in implementing the lawn care program. Currently the only means of performing these types of applications is with a walk-behind spreader and hand-held sprayers. Staff maintains 60+ acres of irrigated turf and walks the most of that to make the necessary applications. The Z-Max carries 50 gallons of liquid and a total of 300 lbs. of fertilizer. With a 4.0 GPM pump and a 60" boom, the Z-Max can spray from 1/4 gallon up to the 1.5 gallons per 1,000 square feet which allows for up to 150,000 square feet of coverage without refilling. This contrasts with the typical granular applicator which hold 50lbs or the five-gallon hand held pump sprayer. Typical life span for a mower like this in park setting is about 2,000 hours.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$15,000	-	\$15,000	-	-	-

60” ZERO-TURN MOWER

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$10,500 | **Outside Funding:** \$-0- | **City Cost:** \$10,500

Description and Justification: Funds will be used to purchase a replacement 60” zero-turn mower for the Horticulture and Forestry Division. The unit being replaced is a 61” Scag Cheetah purchased in 2016. This zero-turn unit has a 60" wide mowing deck which is ideal for park related mowing and is used daily during the mowing season to mow parks and public areas in the park system. This unit will have passed its expected useful life and is in need of replacement to avoid escalating maintenance costs. The anticipated life cycle for a mower like this in park setting is expected to be around 8 years or 1,800 hours.

Anticipated Benefit: The City will see increased productivity.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$10,500	-	\$10,500	-	-	-

16’ EQUIPMENT TRAILER

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$8,050 | **Outside Funding:** \$-0- | **City Cost:** \$8,050

Description and Justification: Funds will be used to purchase a replacement medium duty equipment trailer for use in the Horticulture and Forestry Division. This unit is used on a daily basis by the Horticulture & Forestry crew for transportation and hauling materials/equipment/tools to and from job sites within the parks. This unit is expected to have a lifecycle of 20 years.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$8,050	-	\$8,050	-	-	-

72” ZERO-TURN MOWERS

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$36,000 | **Outside Funding:** \$-0- | **City Cost:** \$36,000

Description and Justification: Funds will be used to purchase three replacement 72” zero-turn mowers for the Horticulture and Forestry Division. The units being replaced are 72” Scag Cheetah zero turn mowers. This unit has a 72" wide mowing deck which is ideal for park related mowing and is used daily during the mowing season to mow parks and public areas in the park system. This unit will have passed its expected useful life and is in need of replacement to avoid escalating maintenance costs.

Anticipated Benefit: The City will continue to see increased productivity.

FUNDING SCHEDULE					
Total	2022	2023 (2)	2024	2025	2026
\$36,000	-	\$24,000	\$12,000	-	-

ZERO-TURN MOWER

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$37,000 | **Outside Funding:** \$-0- | **City Cost:** \$37,000

Description and Justification: Funds will be used to purchase replacement zero turn mowers for two John Deere 997 Z-Trac mowers that were bought in 2010. These zero turn units have a 6' wide mowing deck which is ideal for park related mowing and is used daily during the mowing season to mow parks and public areas in the park system. This unit will have passed its expected useful life and is in need of replacement to avoid escalating maintenance costs. The anticipated life cycle for a mower like this in park setting is expected to be around 5-7 years or 1,800 hours.

Anticipated Benefit: The City will continue to see increased productivity.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$37,000	-	\$18,500	\$18,500	-	-

MINI-EXCAVATOR

Fund: Capital

Department: Maintenance

Project Cost: \$65,000 | **Outside Funding:** \$-0- | **City Cost:** \$65,000

Description: Funds will be used to purchase a new or used mini excavator with at least a 30HP engine and auxiliary hydraulics to accommodate a thumb. Currently, the Park Operations Division rents equipment this nature when absolutely necessary. There are many times that the staff will improvise rather than rent and work is completed much less efficiently than could be done with a piece of equipment like this. A new/used CAT 303.5CR/John Deere 50G/Kubota KX040 mini excavator or another equivalent unit would meet most of our needs and would ensure all jobs are done as efficiently/safely as possible.

Justification: This equipment is will allow staff to more efficiently, and safely, perform work that they are doing on a regular basis. The current practice of borrowing equipment from the Water/Sewer Divisions leave them without equipment for some period of time or, in the case of an emergency, would leave the Park Operations Division with the resources to complete their work.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$65,000	-	-	\$65,000	-	-

SKID LOADER

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$65,000 | **Outside Funding:** \$-0- | **City Cost:** \$65,000

Description and Justification: Funds will be used to purchase a replacement Skid Loader for the Park Operations Division. The division uses the unit for various construction/maintenance related functions. The skid loader is utilized in nearly 75% of the Parks projects and is subject to a great deal of wear and tear because of the nature of the work it is required to do. This equipment is largely used for grading ballfields or pad sites, planting trees, sod installations, stump grinding, loading of bulk materials, etc. This equipment is easily the most used piece of equipment in the division other than trucks/gators and it is recommended that additional attachments be purchased to expand the versatility of the equipment to the staff. It is a generally accepted practice in the industry to replace a unit of this nature when it gets around 2,400 hours on it because the cost of maintenance increases significantly around that point.

The anticipated life cycle for a mower like this in park setting is expected to be around 5-7 years or 2,500 hours.

Justification: This unit will have passed its expected useful life and is in need of replacement to avoid escalating maintenance costs. This unit will have passed its expected useful life and is in need of replacement to avoid escalating maintenance costs.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$65,000	-	-	\$65,000	-	-

ONE-TON PICKUP TRUCK WITH EXTENDED CAB

Fund: Capital

Department: Maintenance

Project Cost: \$58,150 | **Outside Funding:** \$-0- | **City Cost:** \$58,150

Description: Funds will be used to purchase a 4x4 one-ton crew cab pickup truck with a standard bed for the Park Facility Maintenance staff. This vehicle is used in daily Park Maintenance operations for hauling materials/equipment and pulling trailers/equipment to and from job sites. The work unit routinely hauls various power and hand tools, ladders, generators, compressors, and other construction related equipment. There are, often, times when the demands of the job site require additional/different equipment and it may require additional trips to the shop. Snow plow and salt spreader packages will not be included with this vehicle and will be the responsibility of the street department budget, if or when that equipment is needed. The anticipated life cycle of the new unit is expected to be 10 years or 100,000 miles.

Justification: This vehicle will have passed its expected useful life and is in need of replacement to avoid escalating maintenance costs. Truck #816 is currently 6-years old and has 42,711 miles on it.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$58,150	-	-	-	\$58,150	-

AWD CROSSOVER

Fund: Capital

Department: Recreation

Project Cost: \$50,300 | **Outside Funding:** \$-0- | **City Cost:** \$50,300

Description: Funds will be used to replace a 2008 Chevy Trailblazer 4X4 SUV and a 2003 Chevy Astro 7-Passenger Van. These vehicles are used in daily Recreation Division for hauling materials, supplies and equipment to and from job sites. The anticipated life cycle of a new unit is expected to be 10 years or 100,000 miles.

Justification: This is a straight forward vehicle replacement scheduled to avoid escalating maintenance costs.

- SUV #800 is currently 13-years old and has 48,976 miles on it.
- Van #805 is currently 18-years old and has 47,533 miles on it.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$50,300	-	-	-	\$50,300	-

UTILITY TRACTOR

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$30,000 | **Outside Funding:** \$-0- | **City Cost:** \$30,000

Description: Funds will be used to purchase a replacement 80HP John Deere 4x4 compact utility tractor with turf tires for the Park Horticulture and Forestry staff. This unit is used by the Horticulture & Parks staff in the execution of the turf maintenance program. It pulls seeders, fertilizing attachments, aerators, top dressers and turf vac equipment. The anticipated life cycle of the new unit is expected to be 20 years or 5,000 hours.

Justification: This vehicle will have passed its expected useful life and is in need of replacement to avoid escalating maintenance costs and parts are hard to obtain due to the age of the unit.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$30,000	-	-	-	\$30,000	-

AIR COMPRESSOR

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$28,000 | **Outside Funding:** \$-0- | **City Cost:** \$28,000

Description: Funds will be used to purchase a quality used pull behind air compressor.

Justification: This unit is used to blow down irrigation systems as part of our annual winterization process and to use jackhammers or other pneumatic tools in inventory. The expected useful lifetime of this machine is 20 years.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$28,000	-	-	-	\$28,000	-

ARTICULATING SLOPE MOWER

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$25,000 | **Outside Funding:** \$-0- | **City Cost:** \$25,000

Description and Justification: Funds will be used to replace a 2016Stiener 440 articulating slope mower under a scheduled replacement program. With the addition of Splash Station, Heartland Park and Peruque Park, the City has added a substantial amount of area where staff has to be able to mow slopes of twenty-five degrees or more. Currently Splash Station and Heartland have slopes that are 30 degrees and it takes a specialty mower to mow over 22 degrees.

Anticipated Benefit to the City: This is a replacement unit and staff is proposing to replace it with a similar piece of equipment. Staff has not experienced any adverse conditions or safety issue since adding this system to the fleet and this equipment has proven to be very diverse in how it can be used.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$25,000	-	-	-	\$25,000	-

TURF SPRAYER

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$15,000 | **Outside Funding:** \$-0- | **City Cost:** \$15,000

Description: Funds will be used to purchase a replacement John Deere HD 200 turf sprayer.

Justification: This sprayer is an attachment for a John Deere ProGator 2020 which is ideal for park related spraying for weeds on athletic fields, landscape beds, and surrounds during the growing season. It is used to apply pre-emergents and post-emergents in a very controlled manner. The anticipated life cycle for a mower like this in park setting is expected to be around 10 years.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$15,000	-	-	-	\$15,000	-

BUNKER RAKE/GROOMER

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$13,000 | **Outside Funding:** \$-0- | **City Cost:** \$13,000

Description: Funds will be used to purchase a replacement for the John Deere 1200A bunker rake/groomer. This unit is used to drag the infields of all ballfields in the park system. The expected useful lifetime of this machine is 10 years or 2,000 hours.

Justification: This unit will have passed its expected useful life and is in need of replacement to avoid escalating maintenance costs and parts are increasingly hard to obtain due to the age of the unit.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$13,000	-	-	-	\$13,000	-

UTILITY VEHICLE

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$11,000 | **Outside Funding:** \$-0- | **City Cost:** \$11,000

Description: Funds will be used to purchase a utility vehicle comparable to a John Deere HPX Gator utility vehicle as part of a scheduled replacement program. The HPX Gator is the mid-level “standard” unit with a 32HP/4-cycle engine, 4X4 drive train, 1,500lb towing capacity and 800lb payload capacity. The HPX gators are used on a daily basis by Park Operations staff in a variety of roles from trash cleanup, general transportation and hauling materials/tools around the jobsite.

Justification: These utility vehicles will replace machines that have exceeded its expected useful life that is in need of replacement to avoid escalating maintenance costs and parts that are increasingly hard to obtain due to the age of the unit.

FUNDING SCHEDULE					
Total \$11,000	2022	2023	2024	2025	2026
	-	-	-	\$11,000	-

1-TON 4X4 PICKUP TRUCK WITH SNOW PLOW PACKAGE

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$45,150 | **Outside Funding:** \$-0- | **City Cost:** \$45,150

Description and Justification: Funds will be used to purchase a replacement truck for the Park Horticulture & Forestry staff. This truck is used in the Park Maintenance operations for hauling materials/equipment and pulling trailers/equipment to and from job sites. Truck #811 is 5-years old with 20,971 miles on it.

FUNDING SCHEDULE					
Total \$45,150	2022	2023	2024	2025	2026
	-	-	-	-	\$45,150

1-TON 4X4 PICKUP TRUCK WITH UTILITY BED AND POWER INVERTER

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$42,150 | **Outside Funding:** \$-0- | **City Cost:** \$42,150

Description and Justification: Funds will be used to purchase a replacement 4x4 crew cab/bed pickup truck for the Park Horticulture and Forestry staff. This vehicle is used in daily Park operations for hauling materials/equipment and pulling trailers/equipment to and from job sites. There are, often, times when the demands of the job site require additional/different equipment and it may require additional trips to the shop. Truck #814 is 5-years old with 17,349 miles on it.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$42,150	-	-	-	-	\$42,150

1-TON 4X4 PICKUP TRUCK WITH FLAT BED, HOIST, AND SNOW PLOW

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$42,150 | **Outside Funding:** \$-0- | **City Cost:** \$42,150

Description and Justification: Funds will be used to purchase a replacement 4x4 crew cab/bed pickup truck for the Park Horticulture and Forestry staff. This vehicle is used in daily Park Maintenance operations for hauling materials/equipment and pulling trailers/equipment to and from job sites. The work unit routinely hauls various power and hand tools, ladders, generators, compressors, and other construction related equipment. There are, often, times when the demands of the job site require additional/different equipment and it may require additional trips to the shop. Truck #820 is 5-years old with 20,602 miles on it.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$42,150	-	-	-	-	\$42,150

4X4 PICKUP TRUCK WITH POLICE PACKAGE

Fund: Capital

Department: Administration

Project Cost: \$40,000 | **Outside Funding:** \$-0- | **City Cost:** \$40,000

Description and Justification: Funds will be used to purchase a replacement 4x4 pickup with complete police package, light bars, radios, computer, cage, and equipment storage. The unit will have markings identifying it as Park Ranger. This unit is used by the Park Ranger Division to patrol parks, respond to incidents in the park and to assist Police Department when available. Currently, the Police Ranger on duty gets whatever vehicle is left over and since it is a shared unit the on-duty Park Ranger needs to load and unload their equipment at the end of each shift. Staff is recommending that this unit be a 4x4 unit to be able to get in and out of muddy areas and to be able to transport the officer to off-road areas in the park where a traditional rear wheel drive unit could not reach. Staff is also recommending that the unit have a dedicated AED unit installed as part of the basic equipment package to ensure Rangers have the ability to respond to life threatening scenarios in the more remote locations that they are required to visit. Truck #73 is 5-years old, with 45,466 miles on it.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$40,000	-	-	-	-	\$40,000

STUMP CUTTER

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$40,000 | **Outside Funding:** \$-0- | **City Cost:** \$40,000

Description and Justification: Funds will be used to purchase new stump cutter for the Department. This pull behind unit will be used on a weekly basis by the Horticulture & Forestry crew in the execution of tree removals. Purchasing a unit like this would eliminate the need to rent such equipment and would expedite the process of addressing stumps.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$40,000	-	-	-	-	\$40,000

1-TON 4X4 PICKUP TRUCK

Fund: Capital

Department: Administration

Project Cost: \$28,150 | **Outside Funding:** \$-0- | **City Cost:** \$28,150

Description and Justification: Funds will be used to purchase a replacement standard 1/2-ton pickup truck with an extended cab for the Park Planner/Project Manager staff. Staff is proposing to purchase a light duty vehicle with an extended cab to accommodate transporting more than two individuals to and from job sites. Truck #801 is 5-years old with 16,804 miles on it.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$28,150	-	-	-	-	\$28,150

6X4 TURF UTILITY VEHICLE

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$13,000 | **Outside Funding:** \$-0- | **City Cost:** \$13,000

Description and Justification: Funds will be used to purchase a 6X4 utility vehicle as part of a scheduled replacement program. Because of its light duty construction, the current utility vehicle has very limited use beyond transporting personnel and minor equipment to/from job sites. Staff is proposing to replace this unit with a more functional heavy duty utility vehicle with a payload capable of handling bulk materials. The 6x4 utility vehicle has one of the bigger payload capacities (1,500lbs) on the market and has a proven track record for the type of use being proposed. Public Works has expressed interest in this unit for conducting their slab condition survey.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$13,000	-	-	-	-	\$13,000

16' UTILITY EQUIPMENT TRAILER

Fund: Capital

Department: Horticulture & Forestry

Project Cost: \$8,050 | **Outside Funding:** \$-0- | **City Cost:** \$8,050

Description and Justification: Funds will be used to purchase a replacement medium duty equipment trailer for use in the Horticulture and Forestry Division. This unit is used on a daily basis by the crew for transportation and hauling materials/equipment/tools to and from job sites within the parks. Funds will be used to replace Trailer #899, which is 25-years old.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$8,050	-	-	-	-	\$8,050

HOLIDAY LIGHTS DISPLAY

Fund: Capital

Department: Recreation

Location: Rotary Park

Project Cost: \$84,000 | **Outside Funding:** \$-0- | **City Cost:** \$84,000

Description: Funds used to purchase new animated displays for the holiday lights special event at Rotary Park.

Justification: Staff is looking to rejuvenate the Holiday Night Lights display event by starting to add a new component/display each year. The event has stagnated and has been exactly the same for a number of years and people have not been willing to revisit it year after year. By changing the layout and adding a new component each year it should be possible to make this an annual event that families visit each year.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$84,000	\$16,500	\$16,500	\$17,000	\$17,000	\$17,000

Public Works

PUBLIC WORKS

PROJECT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
PW – Stormwater	Downtown Stormwater Infrastructure Replacement	100,000	-	-	-	-	100,000
PW – Stormwater	Victoria Park Ave. Stormwater Improvements	35,700	110,000	-	-	-	145,700
PW – Facility Op.	Public Works Facility – Long-Term Retrofit	20,000	110,000	70,000	-	-	200,000
PW – Admin	Public Works Facility	1,600,000	20,000,000	-	-	-	21,600,000
PW – Stormwater	Downtown Stormwater Evaluation	-	-	70,000	-	-	70,000
Engineering	Demolition – 310 W. Pearce Blvd.	-	-	18,000	182,000	-	200,000
Engineering	I-70 Landscaping Replacement and Renovation	-	-	25,000	75,000	-	100,000
PW – Admin	General Land Acquisition	400,000	400,000	400,000	400,000	400,000	2,000,000
PW – Stormwater	Stormwater Maintenance Reserve	125,000	125,000	150,000	150,000	150,000	700,000
TOTAL		2,280,700	20,745,000	733,000	807,000	550,000	25,115,700

PUBLIC WORKS

EQUIPMENT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
PW – Street Sign.	Concrete Saw	34,000	-	-	-	-	34,000
Engineering	GPS Survey Equipment	20,000	-	-	-	-	20,000
PW – Street Sign.	Hydraulic Concrete Breaker	13,000	-	-	-	-	13,000
PW – Admin	Multi-Purpose Standby Generator	12,500	-	-	-	-	12,500
PW – Fleet	Hydraulic Crimping Machine	10,000	-	-	-	-	10,000
PW – Facility Op.	Bed Salt Spreader	5,500	-	-	-	-	5,500
PW – Facility Op.	Tire Changing Machine	9,500	-	-	-	-	9,500
PW – Facility Op.	HVAC Maintenance Van and Electrical Van	41,000	-	45,000	-	-	86,000
PW	Crew Cab 4x4	36,000	36,000	36,000	-	74,000	182,000
PW	Compact SUV	-	-	26,000	27,000	-	53,000
PW	3/4-Ton 4x4 Pickup Truck	-	-	-	70,000	70,000	140,000
PW – Street Sign.	High Lift Track Loader	-	250,000	-	-	-	250,000
PW	Equipment Trailer (2)	-	25,000	-	-	-	25,000
PW – Street Sign.	Vac-Con Trailer	-	-	150,000	-	-	150,000
PW – Facility Op.	Utility Trailer	-	-	7,000	-	-	7,000
PW – Street Sign.	Vibratory Roller	-	-	-	60,000	-	60,000
PW – Street Sign.	Temporary Traffic Signal/Flagger Unit	-	-	-	60,000	-	60,000
PW	One-Ton Service Truck	-	-	-	55,000	90,000	145,000
PW – Street Sign.	Medium-Duty Dump Truck	-	-	-	-	100,000	100,000
TOTAL		181,500	311,000	264,000	272,000	334,000	1,362,500

PUBLIC WORKS

TOTAL PROJECTS AND EQUIPMENT						
	2022	2023	2024	2025	2026	Five Year Total
TOTAL	2,462,200	21,056,000	997,000	1,079,000	884,000	26,478,200

FUNDING SOURCE						
Source	2022	2023	2024	2025	2026	Total
Capital Fund	2,362,200	1,056,000	927,000	1,079,000	884,000	6,308,200
Stormwater Maintenance Reserve	100,000	-	70,000	-	-	170,000
Certificate of Participation Issuance	-	20,000,000	-	-	-	20,000,000
TOTAL	2,462,200	21,056,000	997,000	1,079,000	884,000	26,478,200

DOWNTOWN STORMWATER INFRASTRUCTURE REPLACEMENTS

Fund: Capital

Department: Public Works – Stormwater

Location: Downtown

Project Cost: \$100,000 | **Outside Funding:** \$-0- | **City Cost:** \$100,000
Stormwater Maintenance Reserve - \$100,000

Description and Justification: Project will provide replacement and rehabilitation to failing/aged stormwater infrastructure (corrugated metal pipes, inlets, etc.) along Pearce Blvd. and downtown areas between Schroeder Creek Blvd. and Luetkenhaus Blvd. Repair and replacement needs to be identified and prioritized through downtown revitalization projects, utility replacement and condition assessments. Improvements are necessary to replace or line pipe that has rusted or deteriorated beyond its physical form and function.

Anticipated Benefit: The project will improve safety for motorists, improve life expectancy of adjacent critical infrastructure (streets and utility lines), reduced emergency repairs and improve functionality of the stormwater system.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$100,000	\$100,000	-	-	-	-

VICTORIA PARK AVE. STORMWATER IMPROVEMENTS

Fund: Capital

Department: Public Works – Stormwater

Location: Victoria Park Ave., Golden Gate Pkwy., Central Park Ave.

Project Cost: \$145,700 | **Outside Funding:** \$-0- | **City Cost:** \$145,700
Planning and Engineering - \$35,700
Construction - \$110,000

Description and Justification: Significant bypass of storm drains results in street ponding in excess of 9", posing access issues. Consultant evaluation found that inlets along these streets do not collect the intended flow and could potentially be modified to carry what was designed for the 15-year-20-minute storm event to mitigate street ponding issues. This project will consider the addition of up to three new curb or trench inlets to recover the intended inlet intake at five existing inlet locations. Further study during 2022 is needed to identify all downstream impacts and fully assess feasibility, cost to benefit ratio, and overall viability of this project.

Anticipated Benefit: Optimizing public infrastructure intake capacity and minimizing potential claims for impacts to private property.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$145,700	\$35,700	\$110,000	-	-	-

PUBLIC WORKS FACILITY – LONG-TERM RETROFIT

Fund: Capital

Department: Public Works – Utility and Facility Operations

Location: 200 E. Fourth St.

Project Cost: \$200,000 | **Outside Funding:** \$-0- | **City Cost:** \$200,000

Description and Justification: Flooring, interior wall partitions, freight elevator, exterior paneling, and restroom facilities are in need of retrofit to continue effective use of the Public Works 4th Street facility. Limited fleet maintenance will remain active at the 4th Street facility for a technician/mechanic to perform on-site repairs and oil changes for Water/Wastewater vehicles and equipment. Facility winter event operations will be retained at the 4th Street Facility due to the closer proximity to City Hall/LEC and other Parking lots which they maintain. The 4th Street facility will become the Utility Operations Annex with Wastewater Collections transferred from the WWTP after the Public Works Interstate Drive facility is complete. This transfer reduces overcrowding at the WWTP and improves operational efficiency for the collections jet truck and televising crews.

Anticipated Benefit: Retrofit is needed for current and future housing of Public Works Admin and Utility operations. The introduction of a freight elevator to serve the top floor promotes full use of that space for meetings, training, lockers, and offices for PW Administration and Water Division staff. This arrangement for utilization of space promotes separation and distancing of essential Public Works employees, improves efficiency of operations, and enhances the quality of the workplace environment for Water, Street, Stormwater, Fleet and Facility Operations workers.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$200,000	\$20,000	\$110,000	\$70,000	-	-

PUBLIC WORKS FACILITY

Fund: Capital, Transportation, Water
Department: Public Works – Administration
Location: Interstate Drive

Project Cost: \$23,110,241 | **Outside Funding:** \$-0- | **City Cost:** \$23,110,241
Capital Fund - \$1,600,000
Certificate of Participation Issuance - \$20,000,000

Description and Justification: The existing Public Works Facility at 4th Street reached capacity in 2017 and Public Works Administration, Street, Signal, Fleet Maintenance, and Facility Maintenance primary operations need to be relocated to this new facility planned at Interstate Drive to accommodate the personnel, equipment, and material storage needs for ongoing expansion and maintenance of the City infrastructure. The Water Division operations are projected to remain at the existing 4th Street facility with a water tower being the single planned water improvement at the Interstate Drive location in the 2022-2026 Capital Improvement Plan.

Anticipated Benefit: Design and initial site grading started in 2019 and 50% plans are underway in 2021. The construction will address urgent needs of Public Works operations by providing essential deicing salt and winter equipment storage, employee restrooms, offices, locker rooms, and

lunch/training facilities to house Street, Signal, Stormwater, Fleet and Facility Operations employees. This initial phase will include expanded mechanic bays for repair and maintenance of a continuously growing fleet of police and essential emergency responder vehicles and equipment. The facility will ultimately provide secure space for critical material and equipment storage Public



Works. The design includes larger protected salt storage bays and will contain heated storage for weather sensitive equipment and energy efficient lighting and HVAC.

FUNDING SCHEDULE						
Total	PRIOR	2022	2023	2024	2025	2026
\$23,110,241	\$1,510,241	\$1,600,000	\$20,000,000	-	-	-

DOWNTOWN STORMWATER EVALUATION

Fund: Capital

Department: Public Works – Stormwater

Location: Downtown

Project Cost: \$70,000 | **Outside Funding:** \$-0- | **City Cost:** \$70,000
Stormwater Maintenance Reserve - \$70,000

Description and Justification: In 2006 the City had designed a \$1.7 million Northview stormwater project that was unfunded. Project will seek consultant evaluation of infrastructure intake and capacity in downtown areas that experience street ponding and structural flooding to assess and prioritize lower-cost mitigation strategies with a cost risk-to-benefit analysis. Includes downtown areas that drain to W. Northview Ave.

Anticipated Benefit: Project will improve safety for motorists, reduce emergency maintenance/repairs and improve functionality of the stormwater system and reducing potential claims for impacts to private property.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$70,000	-	-	\$70,000	-	-

DEMOLITION – 310 W. PEARCE BLVD.

Fund: Capital

Department: Engineering

Location: 310 W. Pearce Blvd.

Project Cost: \$200,000 | **Outside Funding:** \$-0- | **City Cost:** \$200,000

Description and Justification: The building at 310 W. Pearce is in need of major renovation to bring it into compliance with ADA regulations. The exterior roof is in need of replacement and the interior space is very chopped up making it an inefficient space for retail, commercial or office space use. The building is located at a focal entry point of the Historic Downtown and the road system at this location needs to be adjusted to permit full turning movement utilization. It is, therefore, recommended that this building be demolished and the site be re-graded to allow for the road system be realigned to make better pedestrian and vehicular use, attract visitors and beautify the entrance to the City’s Historic Downtown.

Anticipated Benefit: The demolition will open the door to a completely different pedestrian and vehicular traffic pattern and will establish an opportunity to construct a completely new visitor friendly entry space into the Wentzville Historic Downtown area.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$200,000	-	-	\$18,000	\$182,000	-

I-70 LANDSCAPING REPLACEMENT AND RENOVATION

Fund: Capital

Department: Engineering

Location: I-70 at Wentzville Parkway

Project Cost: \$100,000 | **Outside Funding:** \$-0- | **City Cost:** \$100,000

Description and Justification: The funds will be utilized for slope stabilization repair and replacement of the I-70 landscaping along the Wentzville Parkway Interchange. Included in this project will be updated “Wentzville” lettering for the bridge façade.

Anticipated Benefit: The landscaping improvements at this interchange have reached maturity and the appearance has become overgrown. Erosion of the slope has occurred in some locations and the irrigation system has become exposed. Contracted removal of some of the landscaping would allow for repair of the eroded slopes and replanting of more manageable landscaping with an improved appearance.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$100,000	-	-	\$25,000	\$75,000	-

GENERAL LAND ACQUISITION

Fund: Capital

Department: Citywide

Location: TBD

Project Cost: \$2,000,000 | **Outside Funding:** \$-0- | **City Cost:** \$2,000,000

Description and Justification: These funds will be earmarked to allow for future land acquisitions for parks, City facilities, development or any other public purpose. 2017, 2018 and 2019 funds were used to acquire land for the new Public Works Facility. Design is underway in 2020 and construction is partially funded for an initial phase beginning in 2021.

Anticipated Benefit: This funding would be used to reserve funds for any future acquisition of land for public purpose when the opportunity arises. Reserving these funds for future use allows the City to proactively pursue lands that have been identified and to respond to unexpected opportunities that may arise.

FUNDING SCHEDULE						
Total	BALANCE	2022	2023	2024	2025	2026
\$2,000,000	\$461,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000

STORMWATER MAINTENANCE RESERVE

Fund: Capital

Department: Public Works – Stormwater

Location: Citywide

Project Cost: \$700,000 | **Outside Funding:** \$-0- | **City Cost:** \$700,000

Description and Justification: Unlike most municipal counterparts, the City does not have a dedicated revenue source or maintenance reserve to meet the needs of operating, maintaining and improving an aged stormwater system. Without dedicated revenue, the scope or scale of work undertaken on the stormwater system is limited to small reactive projects rather than proactive maintenance. With an aged infrastructure system such as in Historic Downtown, the City needs to establish a reserve to ensure funds are available for repair or maintenance to the system in the future.

Anticipated Benefit: Compliance with federal regulations, preservation of the existing system, reduced emergency repairs, improved functionality of the system and ability to develop capital improvements.

FUNDING SCHEDULE						
Total	BALANCE	2022	2023	2024	2025	2026
\$700,000	\$500,000	\$125,000	\$125,000	\$150,000	\$150,000	\$150,000

CONCRETE SAW

Fund: Capital

Department: Public Works – Streets & Signals

Project Cost: \$34,000 | **Outside Funding:** \$-0- | **City Cost:** \$34,000

Description and Justification: This concrete saw will replace an outdated model of similar nature that has been in service for many years, exhibits considerable wear and tear, and is accompanied by growing maintenance costs due to age and use. The service use this saw is heavy use cutting concrete slabs.

Anticipated Benefit: Reliability with a reduction in maintenance and repair cost.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$34,000	\$34,000	-	-	-	-

GPS SURVEY EQUIPMENT

Fund: Capital

Department: Public Works – Engineering

Project Cost: \$20,000 | **Outside Funding:** \$-0- | **City Cost:** \$20,000

Description and Justification: Increase GPS survey equipment by one for a total of two. The GPS survey equipment is currently split amongst all department staff for field staking, data collection and quantity measurements for various capital projects. The addition of this GPS unit will ensure availability amongst staff to keep up with the current and projected work load from the increased number of capital projects.

Anticipated Benefit: The equipment will allow staff to continue in completing construction management services in house for capital projects. The GPS equipment is essential for field data collection for the various projects, and this additional will allow staff to keep up with the increase in management of capital projects.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$20,000	\$20,000	-	-	-	-

HYDRAULIC CONCRETE BREAKER

Fund: Capital

Department: Public Works – Streets & Signals

Project Cost: \$13,000 | **Outside Funding:** \$-0- | **City Cost:** \$13,000

Description and Justification: Replacement of an outdated model of similar nature that has been in service for many years, exhibits considerable wear and tear, and is accompanied by growing maintenance costs due to age and use. The service use of this breaker is heavy with extreme pressure and vibration.

Anticipated Benefit: Reliability with a reduction in maintenance and repair cost.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$13,000	\$13,000	-	-	-	-

MULTI-PURPOSE STANDBY GENERATOR

Fund: Capital

Department: Public Works – Administration

Project Cost: \$12,500 | **Outside Funding:** \$-0- | **City Cost:** \$12,500

Description and Justification: The building at 200 E. 4th is in need of a standby generator to support ongoing essential public services.

Anticipated Benefit: The availability of a 200-kW standby generator at this location is essential to provide backup power during short duration and extended power outages to ensure continuity of essential operations at this location. It is anticipated this facility will continue to house the water, collections, and facility operations activities and will provide a backup site for continuity of customer related operations even after the initial phase of the new Public Works facility are completed. This request is for a surplus generator in good condition which is anticipated to be purchased from a used equipment reseller. It would be portable to be available as a backup generator for other essential City power needs in the event of a catastrophic event.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$12,500	\$12,500	-	-	-	-

HYDRAULIC CRIMPING MACHINE WITH FITTINGS AND HOSE

Fund: Capital

Department: Public Works – Fleet

Project Cost: \$10,000 | **Outside Funding:** \$-0- | **City Cost:** \$10,000

Description and Justification: This equipment would be used to make new hydraulic hoses in house when required and would eliminate excessive down time of vehicles and equipment during emergency events or when outside vendors are closed.

Anticipated Benefit: Will improve reliability and reduce the likelihood of down time of vehicles and equipment during critical needs.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$10,000	\$10,000	-	-	-	-

BED SALT SPREADER

Fund: Capital

Department: Public Works – Facility Operations

Project Cost: \$5,500 | **Outside Funding:** \$-0- | **City Cost:** \$5,500

Description and Justification: Funds will be utilized to replace the current gas-powered bed spreaders. These spreaders will reduce the amount of down time due to repairs on the current spreaders and will also save money due to no longer needing fuel as they are all electric.

Anticipated Benefit: The spreaders will create less down time due to repairs and lower operational costs due to the new electric spreaders versus the old gas-powered spreaders.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$5,500	\$5,500	-	-	-	-

TIRE CHANGING MACHINE

Fund: Capital

Department: Public Works – Fleet

Project Cost: \$9,500 | **Outside Funding:** \$-0- | **City Cost:** \$9,500

Description and Description: Replacement tire changing machine due to age and repair costs.

Anticipated Benefit: Reliability and reduction in repair and maintenance costs.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$9,500	\$9,500	-	-	-	-

HVAC MAINTENANCE VAN AND ELECTRICAL VAN

Fund: Capital
Department: Public Works – Facility Operations

Project Cost: \$86,000 | **Outside Funding:** \$-0- | **City Cost:** \$86,000

Description and Justification: This van will replace 3/4-ton pickups with a vehicle better suited for the maintenance of HVAC equipment and electrical supplies. The extra enclosed storage capacity will allow secure, safe storage of necessary tools as well as pipes and specialized holders for coolant transport.

Anticipated Benefit: Provide quicker response times by allowing HVAC tools and supplies to be stored in one location and improve safety by specializing method of transport.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$86,000	\$41,000	-	\$45,000	-	-

VEHICLES

Fund: Capital

Department: Public Works – Administration, Stormwater, Engineering, Streets and Signals, Fleet, Facility Operations

Description and Justification: Purchase of replacement vehicles due to age, mileage and ongoing maintenance costs. Replacement will improve reliability, safety and reduce the likelihood of repairs exceeding the vehicles' value.

Anticipated Benefit: Reliability, reduction in repair and maintenance costs, and improved fuel economy.

1/2-TON CREW CAB 4x4 PICKUP TRUCK					
FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026 (2)
\$182,000	\$36,000	\$36,000	\$36,000	-	\$74,000
	Engineering	Engineering	Administration		Engineering and Stormwater

COMPACT SUV					
FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$53,000	-	-	\$26,000	\$27,000	-
			Facility Operations	Engineering	

3/4-TON 4x4 PICK TRUCK					
FUNDING SCHEDULE					
Total	2022	2023	2024	2025 (2)	2026 (2)
\$140,000	-	-	-	\$70,000	\$70,000
				Fleet and Streets and Signals	Streets and Signals

HIGH LIFT TRACK LOADER

Fund: Capital

Department: Public Works – Streets & Signals

Project Cost: \$250,000 | **Outside Funding:** \$-0- | **City Cost:** \$250,000

Description and Justification: Replace outdated 2000 model that has been in service for many years, exhibits considerable wear and tear and is accompanied by high maintenance costs due to age and use. In addition to standard loading, dumping and material moving, this equipment is mainly used to move and level construction debris at the City fill site.

Anticipated Benefit: Reliability, reduction in repair and maintenance costs and improved fuel economy.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$250,000	-	\$250,000	-	-	-

EQUIPMENT TRAILER

Fund: Capital

Department: Public Works – Stormwater and Streets and Signals

Project Cost: \$25,000 | **Outside Funding:** \$-0- | **City Cost:** \$25,000

Description and Description: Purchase of two 20,000 lb. equipment trailers.
Stormwater: This equipment trailer will be used to haul the rubber tire skid steer loader (transferred from Streets) and attachments used for different situations of stormwater maintenance. *Streets and Signals:* Purchase of an equipment trailer to be used to haul the skid steer and/or mini-excavator.

Anticipated Benefit: Reduces conflicts for using Street Department's equipment trailer when their skid steer is scheduled for other streets/asphalt projects. Replacement of 2000 model trailer that is getting close to being undersized for the size of equipment.

FUNDING SCHEDULE					
Total	2022	2023 (2)	2024	2025	2026
\$25,000	-	\$25,000	-	-	-

VAC-CON TRAILER

Fund: Capital

Department: Public Works – Stormwater

Project Cost: \$150,000 | **Outside Funding:** \$-0- | **City Cost:** \$150,000

Description and Justification: Replace an outdated 2002 model of similar nature that exhibits considerable wear and tear. This Vac-Con trailer is a hand me down from Wastewater. It has become the work horse of equipment for stormwater infrastructure maintenance, hydro excavation, industrial vacuum cleaning, and provides occasional support for Wastewater, Streets, Facilities, and other utility maintenance.

Anticipated Benefit: Reliability, reduction in repair and maintenance costs and improved capacity to perform in-house repairs.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$150,000	-	-	\$150,000	-	-

UTILITY TRAILER

Fund: Capital

Department: Public Works – Facility Operations

Project Cost: \$7,000 | **Outside Funding:** \$-0- | **City Cost:** \$7,000

Description and Justification: Utility trailer to haul equipment such as the Ventrac for snow removal and the man lift for performing building maintenance between facilities.

Anticipated Benefit: Improve efficiency and response time by providing a dedicated trailer for Facility Operations to transport their equipment between locations. A dedicated trailer would also allow it to be more specifically designed for equipment used rather than larger existing trailers intended for heavier equipment.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$7,000	-	-	\$7,000	-	-

VIBRATORY ROLLER

Fund: Capital

Department: Public Works – Streets & Signals

Project Cost: \$60,000 | **Outside Funding:** \$-0- | **City Cost:** \$60,000

Description and Justification: Funds will be used to replace an outdated 2002 model of similar nature that has been in service for nearly 20 years, exhibits considerable wear and tear and is accompanied by increasing maintenance costs.

Anticipated Benefit: A new vibratory roller machine will increase reliability and reduce down time and maintenance costs while improving efficiency of operations.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$60,000	-	-	-	\$60,000	-

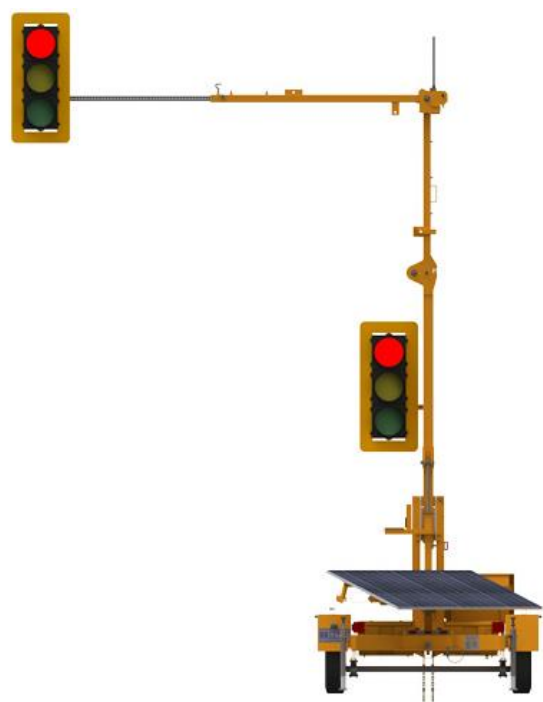
TEMPORARY TRAFFIC SIGNAL/FLAGGER UNIT

Fund: Capital
Department: Public Works – Streets & Signals

Project Cost: \$60,000 | **Outside Funding:** \$-0- | **City Cost:** \$60,000

Description and Justification: Funds will be used to purchase a battery/solar powered traffic signal trailer set to provide for safe and efficient traffic control solution for a variety of short and long term traffic control applications.

Anticipated Benefit: The signal will increase crew safety when working on single lane roads and frees up flagmen to increase productivity on the job. The signal will also serve as a backup signal in the case a traffic signal is damaged or knocked down.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$60,000	-	-	-	\$60,000	-

ONE-TON SERVICE TRUCK

Fund: Capital

Department: Public Works – Fleet and Facility Operations

Project Cost: \$55,000 | **Outside Funding:** \$-0- | **City Cost:** \$55,000

Description and Justification: Replacement vehicles due to age, mileage, and to reduce ongoing maintenance costs. Replacement will improve reliability, safety and the likelihood of repairs exceeding the vehicle's value.

Anticipated Benefit: Reliability, reduction in repair and maintenance costs, and improved fuel economy.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026 (2)
\$55,000	-	-	-	\$55,000*	\$90,000**
* Truck for Fleet					
** Two Trucks for Facility Operations					

MEDIUM-DUTY DUMP TRUCK

Fund: Capital

Department: Public Works – Streets & Signals

Project Cost: \$100,000 | **Outside Funding:** \$-0- | **City Cost:** \$100,000

Description and Justification: Replacement of a 2016 F-550 dump truck with plow and spreader.

Anticipated Benefit: All equipment is placed on a regular replacement schedule where it is replaced after a fixed number of years to maintain fleet reliability during emergency operations and to minimize out of service time and repair costs associated with heavy use of aged equipment. Single-axle trucks are critical pieces of the street pavement repair and snow removal operations and must be replaced every 10 years to ensure availability during critical and emergency response events.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$100,000	-	-	-	-	\$100,000

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Transportation

TRANSPORTATION

PROJECT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
Transp. – Admin	Peine Road Safety Improvements	200,000	1,977,547	-	-	-	2,177,547
Transp. – Admin	David Hoekel Parkway Phase 2D	9,177,000	-	-	-	-	9,177,000
Transp. – Admin	Citywide Fiber Partnership	400,000	-	-	-	-	400,000
Transp. – Admin	Highway Z Widening	735,751	310,000	9,454,249	-	-	10,500,000
Transp. – Admin	Highway Z and Interstate Drive Intersection Improvements	50,000	1,967,566	-	-	-	2,017,567
Transp. – Admin	Highway Z and Interstate Drive Right Turn Lane	172,409	-	-	-	-	172,409
Transp. – Admin	Wentzville Parkway South - Phase 2	8,597,140	-	-	-	-	8,597,140
Transp. – Admin	Wentzville Parkway South - Phase 2A	262,000	700,000	-	-	-	962,000
Transp. – Admin	Great Oaks Blvd. Extension	120,000	2,000,000	-	-	-	2,120,000
Transp. – Admin	Historic Downtown Revitalization	500,000	1,000,000	500,000	1,000,000	-	3,000,000
Transp. – Admin	West Pearce Blvd. Pavement Rehabilitation	-	1,261,798	-	-	-	1,261,798
Transp. – Admin	Railroad Bridge Overpass at Luetkenhaus Blvd.	-	250,000	-	-	-	250,000
Transp. – Admin	Highway 61 Outer Road – Phase 2A – Parkway Turn Lane	-	65,043	2,234,957	-	-	2,300,000
Transp. – Admin	Route N – Phase 2A	-	-	-	-	6,000,000	6,000,000
Transp. – Admin	Route N – Phase 2B	-	-	6,000,000	-	-	6,000,000
Transp. – Admin	Wentzville Parkway Sidewalk	-	-	620,000	-	-	620,000
Transp. – Admin	Wilmer Road Safety Improvements	-	-	300,000	300,000	2,400,000	3,000,000
Transp. – Admin	Railroad Quiet Zone	-	-	70,000	600,000	-	670,000
Transp. – Admin	Mexico Road Safety Improvements	-	-	-	5,000,000	-	5,000,000
Transp. – Admin	Highway 61 Outer Road – Phase 2	-	-	-	-	8,500,000	8,500,000
Transp. – Admin	Goodfellow Curve Re-alignment	-	-	-	-	100,000	100,000
Transp. – Admin	North Point Prairie Road Study	-	-	-	-	200,000	200,000
Transp. – Streets	Contracted Street and Sidewalk Maintenance	3,200,000	3,200,000	3,300,000	3,300,000	3,300,000	16,300,000

TRANSPORTATION

PROJECT							
Transportation Funded Equipment:							
Transp. –Streets	Single-Axle Dump Truck w/Plow and Spreader	167,000	-	170,000	-	180,000	517,000
Transp. –Streets	Tandem-Axle Dump Truck w/Plow and Spreader	190,000	-	-	-	210,000	400,000
Transp. –Streets	Backhoe	140,000	-	-	-	-	140,000
Transp. – Streets	Single-Axle Asphalt Patch Truck	-	-	-	170,000	-	170,000
TOTAL		23,911,300	12,731,955	22,649,206	10,370,000	20,890,000	90,552,461

EQUIPMENT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
Transp. – Streets	LED Information Sign	18,500	-	-	-	-	18,500
Transp. – Streets	Tractor with ROW Mowing Arm	-	155,000	-	-	-	155,000
Transp. – Streets	Track Skid Loader	-	70,000	-	-	-	70,000
Transp. – Streets	Skid-Steer Loader	-	-	70,000	-	-	70,000
Transp. – Streets	Mini-Excavator	-	-	-	-	75,000	75,000
Transp. – Streets	Towable Air Compressor	-	-	-	-	35,000	35,000
Transp. – Streets	High Pressure Power Washer/Steam Cleaner	-	-	-	-	8,500	8,500
Transp. – Streets	Traffic Signal Detection Camera	30,000	30,000	30,000	30,000	32,000	152,000
TOTAL		48,500	255,000	100,000	30,000	150,500	584,000

TRANSPORTATION

TOTAL PROJECTS AND EQUIPMENT						
	2022	2023	2024	2025	2026	Five Year Total
TOTAL	23,959,800	12,986,955	22,749,206	10,400,000	21,040,500	91,136,461

FUNDING SOURCE						
Source	2022	2023	2024	2025	2026	Total
Capital Fund	48,500	255,000	100,000	30,000	150,500	584,000
Transportation Fund	8,826,748	6,156,011	6,586,059	5,520,000	6,440,000	33,528,818
St. Charles County Cost Share	13,791,750	3,406,427	9,272,545	2,800,000	10,200,000	39,470,722
MoDOT Cost Share	367,875	155,000	5,177,124	250,000	4,250,000	10,199,999
STP Funding	100,000	2,030,733	1,117,478	1,800,000	-	5,048,211
East-West Gateway TAP Funding	-	-	496,000	-	-	496,000
CMAQ through EWGCOCG	162,927	983,784	-	-	-	1,146,711
Private Developer	262,000	-	-	-	-	262,000
American Rescue Federal Funding	400,000	-	-	-	-	400,000
TOTAL	23,959,800	12,986,955	22,749,206	10,400,000	21,040,500	91,136,461

PEINE ROAD SAFETY IMPROVEMENTS

Fund: Transportation

Department: Administration

Location: Peine Road from Somerset Manor Drive to Highway 61

Project Cost: \$2,500,000 | **Outside Funding:** \$2,250,000 | **City Cost:** \$250,000

Planning/Engineering - \$322,453

Pre-Construction - \$200,000

Construction - \$1,977,547

St. Charles County (40%) - \$1,000,000

Federal STP (50%) - \$1,250,000

Description and Justification: This application provides funds to add 3-foot shoulders and overlay Peine Road. The project will also soften and realign a 90-degree curve between Peine Woods Drive and Stewart Springs Drive. This project will look to address safety conditions in advance of increased traffic volume anticipated with a completed Peine/P Interchange as well as renewed development interest along the Peine Road corridor.

Anticipated Benefit: Improve safety of the Peine Road corridor in anticipation of increased traffic volumes associated with an operation interchange at Highway 61 as well as continued residential growth in the area.



FUNDING SCHEDULE						
Total	PRIOR	2022	2023	2024	2025	2026
\$2,500,000	\$322,453	\$200,000	\$1,977,547	-	-	-
St. Charles County	\$128,982	\$80,000	\$791,018	-	-	-
Federal STP	\$161,227	\$100,000	\$988,773	-	-	-

DAVID HOEKEL PARKWAY – PHASE 2D

Fund: Transportation

Department: Administration

Location: David Hoekel Parkway between Goodfellow Road and West Meyer

Project Cost: \$9,832,000 | **Outside Funding:** \$7,065,600 | **City Cost:** \$2,766,400

Planning and Engineering (2020) - \$380,000

Right of Way (2021) - \$275,000

Construction (2022) – \$9,177,000

St. Charles County (77%) - \$7,065,600

Description and Justification: Construction of David Hoekel Parkway to complete the connection from Goodfellow Road to West Meyer Road. This section of roadway will provide greater connectivity for the community by providing access from I-70 to a major east west collector in West Meyer Road. This will connect the west side of Wentzville to Highway 61 and I-64 via Wentzville Parkway. The project will be designed to accommodate the eventual complete four-lane cross section. However, the initial construction will be planned only as a two-lane roadway based on current demand and budget constraints. The right of way necessary for this project has been acquired.

Anticipated Benefit: Improve safety for drivers as well as add an additional platform for commercial growth and development. This extension will better allow full utilization of the I-70 DHP Interchange by making connection with a major east west collector.



FUNDING SCHEDULE

Total	PRIOR	2022	2023	2024	2025	2026
\$9,832,000	\$655,000	\$9,177,000	-	-	-	-
St. Charles County	\$524,000	\$6,541,600	-	-	-	-

CITYWIDE FIBER PARTNERSHIP

Fund: Transportation

Department: Administration

Project Cost: \$400,000 | **Outside Funding:** \$400,000 | **City Cost:** \$-0-
American Rescue Plan Act Funding (100%) - \$400,000

Description and Justification: The City has been offered an opportunity to partner with Gateway Fiber to own a 12-strand of fiber as a part of their citywide fiber system. The city fiber network of approximately 22 horizontal miles is proposed to interconnect all City buildings, City Parks, the Wastewater Treatment Plant, and Water Towers with a means of communications and data. This network would also share interconnectivity with the existing GGL fiber network serving our traffic signals. The cost for purchasing this 12-strand fiber is relatively low and extremely affordable when compared to the cost of installing a separate City fiber network.

Anticipated Benefit: The City has been offered an opportunity to partner with Gateway Fiber to own a 12-strand of fiber as a part of their city fiber system. This network would share interconnectivity with the existing GGL fiber network serving our traffic signals. The cost for purchasing this 12-strand fiber is relatively low and extremely affordable when compared to the cost of installing a separate City fiber network

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$400,000	\$400,000	-	-	-	-
American Rescue Plan Act Funding	\$400,000	-	-	-	-

HIGHWAY Z WIDENING

Fund: Transportation

Department: Administration

Location: Highway Z – Interstate Dr. to Perry Cate Blvd.

Project Cost: \$10,500,000 | **Outside Funding:** \$8,100,000 | **City Cost:** \$2,400,000

Planning/Engineering - \$735,751

Pre-Construction - \$310,000

Construction - \$9,454,249

St. Charles County (25%) - \$2,400,000

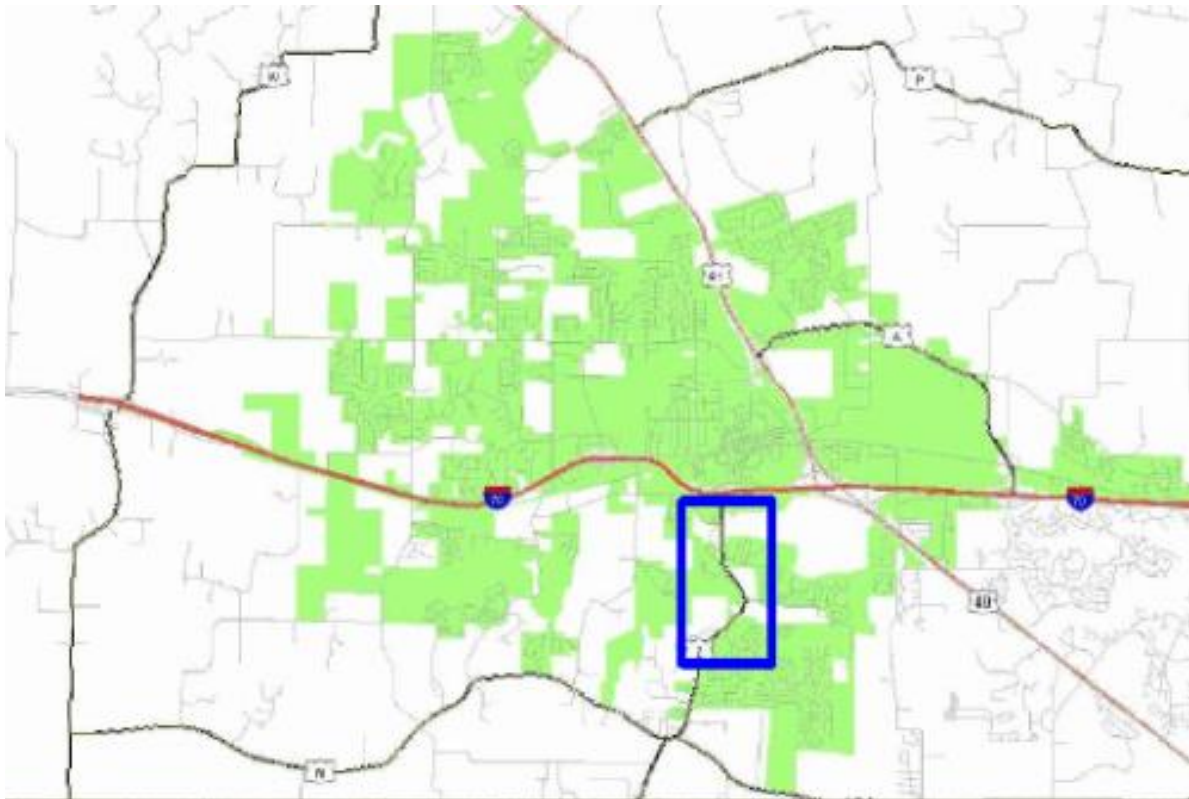
MoDOT Cost Share (50%) - \$5,700,000

Description and Justification: Project will provide improvements to Highway Z between Interstate Drive and Perry Cate Boulevard. Highway Z south of I-70 experiences significant delays and queuing in both the AM and PM peak periods. Improvements are necessary to reduce vehicular delays and queueing on both mainline Route Z and the side-streets. This project will widen Highway Z to a 4-lane roadway with left and right turn lanes at primary intersections. This project will also include the widening of the bridge over Peruque Creek and the signalization of Highway Z and Peruque Hill Parkway/Peruque Ridge Boulevard.

Anticipated Benefit: Project will provide reduced congestion, improved travel time, and increased capacity for residents that travel both Northbound and Southbound Highway Z. Safety will be improved for motorists/residents that enter or exit Highway Z from the side-streets within the project limits and improved ride quality.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$10,500,000	\$735,751	\$310,000	\$9,454,249	-	-
St. Charles County	\$184,438	\$77,000	\$2,138,562	-	-
MoDOT	\$367,876	\$155,000	\$5,177,124	-	-

HIGHWAY Z WIDENING



HIGHWAY Z AND INTERSTATE DRIVE INTERSECTION IMPROVEMENTS

Fund: Transportation

Department: Administration

Location: Intersection of Highway Z and Interstate Drive

Project Cost: \$2,400,000 | **Outside Funding:** \$1,800,000 | **City Cost:** \$600,000

Planning/Engineering - \$382,433

Pre-Construction - \$50,000

Construction - \$1,967,567

St. Charles County (25%) - \$600,000

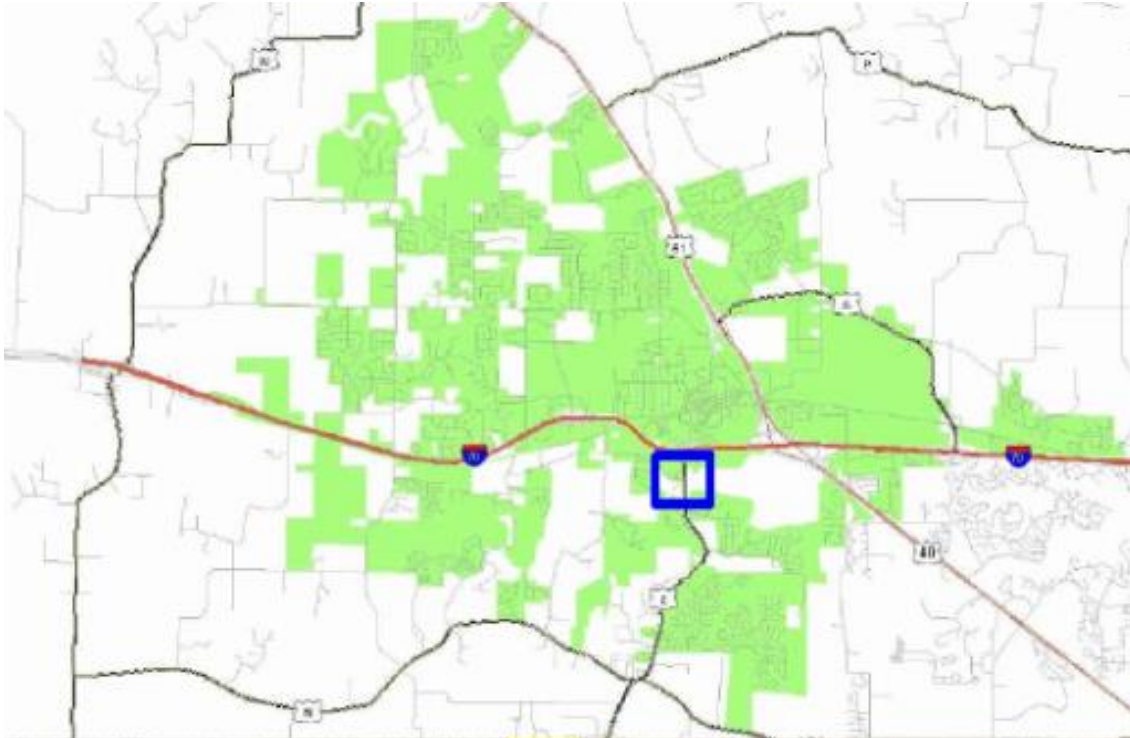
Federal CMAQ (50%) - \$1,200,000

Description and Justification: Project will provide intersection improvements at Route Z and Interstate Drive. Route Z south of I-70 experiences significant delays and queuing in both the AM and PM peak periods. Improvements are necessary to reduce vehicular delays and queueing on both mainline Route Z and the side-streets. Intersection improvements and pavement widening will be performed at the intersection of Interstate Drive and Route Z to accommodate eastbound to northbound dual left-turn lanes, a dedicated right-turn lane from southbound Route Z to westbound Interstate Drive, and the setting up of two through lanes on the south leg of southbound Route Z. Also associated with this project would be re-striping northbound and southbound Route Z north of Interstate Drive to accommodate two through lanes.

Anticipated Benefit: Reduced congestion and improved travel time for residents that travel on Northbound and Southbound Route Z as well as reduced congestion and improved travel time for residents that utilize Eastbound and Westbound Interstate Drive.

FUNDING SCHEDULE						
Total	PRIOR	2022	2023	2024	2025	2026
\$2,400,000	\$382,433	\$50,000	\$1,967,567	-	-	-
St. Charles County	\$95,608	\$12,500	\$491,892	-	-	-
CMAQ	\$191,216	\$25,000	\$983,784	-	-	-

HIGHWAY Z AND INTERSTATE DRIVE INTERSECTION IMPROVEMENTS



HIGHWAY Z AND INTERSTATE DRIVE RIGHT TURN LANE

Fund: Transportation

Department: Administration

Location: North bound Rte. Z to East bound Interstate Dr.

Project Cost: \$200,000 | **Outside Funding:** \$160,000 | **City Cost:** \$40,000

Planning/Engineering - \$22,591

Pre-Construction - \$5,000

Construction - \$172,409

Federal CMAQ (80%) - \$160,000

Description and Justification: Project will construct a dedicated right to turn lane from north bound Route Z to east bound Interstate Drive. This project is intended to reduce congestion in the Z corridor and provide improved access for drivers needing to use Interstate Drive to reach Highway 64 via the Prospect Road Interchange.

Anticipated Benefit: Reduced congestion and improved travel time for residents headed north on Route Z into Wentzville or heading east to Highway 64.



FUNDING SCHEDULE

Total	PRIOR	2022	2023	2024	2025	2026
\$200,000	\$27,591	\$172,409	-	-	-	-
CMAQ	\$22,073	\$137,927	-	-	-	-

WENTZVILLE PARKWAY SOUTH – PHASE 2

Fund: Transportation

Department: Administration

Location: Veteran's Memorial Drive to 1,200' South of Interstate Drive

Project Cost: \$10,000,000 | **Outside Funding:** \$8,000,000 | **City Cost:** \$2,000,000

Planning/Engineering - \$700,000

Pre-Construction - \$702,860

Construction - \$8,597,140

St. Charles County (80%) - \$8,000,000

Description and Justification: Phase 2 of this project will extend Wentzville Parkway South to reach Interstate Drive and provide a critical north south arterial for the City and region. The road will initially construct a two-lane cross section to minimize cost but still be designed in a way that can be expanded to the full build out. The project will also include the construction of a grade separated bridge over the railroad to allow uninterrupted access to and from the north and south side of the City.

Anticipated Benefit: The project will complete an arterial roadway as planned in the City's Thoroughfare Plan to provide a major connection between the north and south side of the City as well as uninterrupted access over the Norfolk Southern Railroad. Roadway will also increase utilization of Interstate Drive as a major east west collector.



FUNDING SCHEDULE

Total	PRIOR	2022	2023	2024	2025	2026
\$10,000,000	\$1,402,860	\$8,597,140	-	-	-	-
St. Charles County	\$1,122,288	\$6,877,712	-	-	-	-

WENTZVILLE PARKWAY SOUTH – PHASE 2A

Fund: Transportation

Department: Administration

Location: Interstate Drive to 1,200' South

Project Cost: \$962,000 | **Outside Funding:** \$682,000 | **City Cost:** \$280,000

Planning/Engineering - \$262,000

Pre-Construction - \$100,000

Construction - \$600,000

Private Developer - \$262,000

St. Charles County (60%) - \$420,000

Description and Justification: Phase 2A of Wentzville Parkway South was submitted for 2019 construction as a public/ private partnership with a contingent proposal from Payne Family Homes to participate financially in the extension of a roughly 1,200-foot-long roadway project. Any activity has been delayed to 2022 based on the development status. This project would extend a two-lane road section and accompanying sidewalk south from Interstate Drive to the northern most entrance of the proposed Boulevard at Wilmer Road. The cost share of the project in the revised County agreement is set at a contribution of \$262,000 by the developer and \$280,000 by the City. This extension would help with the eventual extension of the Parkway south to tie in with Wilmer Road near Peruque Creek and possibly work to divert additional traffic volume from Highway Z.

Anticipated Benefit: The project will extend an arterial roadway south to provide primary access to a future residential development as well as the continued extension of Wentzville Parkway South to Wilmer Road near Peruque Creek to provide a north south transportation route.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$962,000	\$262,000	\$700,000	-	-	-
Private Developer	\$262,000	-	-	-	-
St. Charles County	-	\$420,000	-	-	-

GREAT OAKS BLVD. EXTENSION

Fund: Transportation

Department: Administration

Location: Great Oaks Blvd. – Great Oaks to Timber Trace

Project Cost: \$2,300,000 | **Outside Funding:** \$1,696,000 | **City Cost:** \$604,000

Planning/Engineering - \$180,000

Pre-Construction - \$120,000

Construction - \$2,000,000

St. Charles County (80%) - \$1,696,000

Description and Justification: Proposed design of Great Oaks Blvd to connect two existing stubs located in the Great Oaks and Timber Trace subdivisions. This road extension will provide a secondary means of ingress egress to multiple subdivisions as well as a safer alternative for Timber Trace residents back into the City rather than using Highway 61. The urgency of this project will continue to increase as the current Highway 61 Safety Project will limit the access into Timber Trace to a right in right out only making this alternative more important for residents and emergency services.

Anticipated Benefit: Project provides improved safety and access for the residents within the area and improved access for emergency services.



FUNDING SCHEDULE						
Total	PRIOR	2022	2023	2024	2025	2026
\$2,300,000	\$180,000	\$120,000	\$2,000,000	-	-	-
St. Charles County	-	\$96,000	\$1,600,000	-	-	-

HISTORIC DOWNTOWN REVITALIZATION

Fund: Transportation
Department: Administration
Location: Historic Downtown

Project Cost: \$3,000,000 | **Outside Funding:** \$-0- | **City Cost:** \$3,000,000

Description and Justification: Various projects to replace and improve storm sewers, curbs, curb ramps and sidewalk improvements on Pearce Avenue and Allen Street from Luetkenhaus Blvd. to Meyer Road. Recent prior projects include the reconstruction of Allen Street between Blumhoff Avenue and Locust Street. Projects also include intersection improvements at W. Pearce and Meyer Road to include review of new at-grade railroad crossing to connect with Main Street via traffic signal or roundabout. This project may be eligible for partial CMAQ and/or Road Board funding and may require closure of lower quality at-grade railroad crossings at Hepperman and/or Wilmer Road after Wentzville Parkway South Extension is complete. This project pairs well with Mar Lee Drive redevelopment and future development of undeveloped parcels south of Pitman with potential for interstate access improvements at Pitman and Luetkenhaus under Envision I-70 planning by MoDOT. This cost estimate is for roundabout option at Meyer. There would be ROW and construction cost savings if constructed as traffic signal. Resurfacing work on Pearce to Schroeder Creek Blvd. may also be eligible for STP funding.

Anticipated Benefit: Improved accessibility for increased ADT, improve aesthetics and expand on-street parking for the Historic Downtown.

FUNDING SCHEDULE						
Total	PRIOR	2022	2023	2024	2025	2026
\$3,000,000	\$4,350,000	\$500,000	\$1,000,000	\$500,000	\$1,000,000	-

WEST PEARCE BLVD. – MAY ROAD TO GOODFELLOW PAVEMENT REHABILITATION

Fund: Transportation

Department: Administration

Location: West Pearce Boulevard

Project Cost: \$1,400,000 | **Outside Funding:** \$1,120,000 | **City Cost:** \$280,000

Pre-Construction - \$138,202

Construction - \$1,261,798

Federal STP (80%) - \$1,120,000

Description: Two-inch mill and overlay of existing roadway approximately 8,000 feet long and 25 feet wide that coincides with completion of David Hoekel Parkway/I-70 Interchange.

Justification: Roadway is in need of surface maintenance. An asphalt-mill and overlay will improve the condition and readability of the road surface and will extend the serviceable life of the roadway.

Anticipated Benefit: Improved ride quality and reduced annual maintenance costs while considerably extending the serviceable life of the roadway.



FUNDING SCHEDULE						
Total	PRIOR	2022	2023	2024	2025	2026
\$1,400,000	\$138,202	-	\$1,261,798	-	-	-
Federal STP	\$110,562	-	\$1,009,438	-	-	-

RAILROAD BRIDGE OVERPASS AT LUETKENHAUS BLVD.

Fund: Transportation

Department: Administration

Location: Luetkenhaus Blvd.

Project Cost: \$250,000 | **Outside Funding:** \$-0- | **City Cost:** \$250,000

Description and Justification: The City has been offered an opportunity to partner with Norfolk Southern Railroad as they are planning to replace the existing railroad overpass over Luetkenhaus Blvd. This existing structure only accommodates the two lanes of Luetkenhaus Blvd. The City is interested in having the structure lengthened to have the potential in the future to add pedestrian facilities along Luetkenhaus Blvd. These funds are to help Norfolk Southern Railroad offset the cost of a longer bridge structure.

Anticipated Benefit: The expanded Norfolk Southern railroad overpass would allow for pedestrian facilities to be installed. This would allow for another safe crossing of the railroad within the downtown corridor.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$250,000	-	\$250,000	-	-	-

HIGHWAY 61 OUTER ROAD – PHASE 2A

Fund: Transportation

Department: Administration

Location: Wentzville Parkway – Meyer Road to Parkway Bridge

Project Cost: \$2,300,000 | **Outside Funding:** \$2,070,000 | **City Cost:** \$230,000

Pre-Construction (2023) - \$65,043

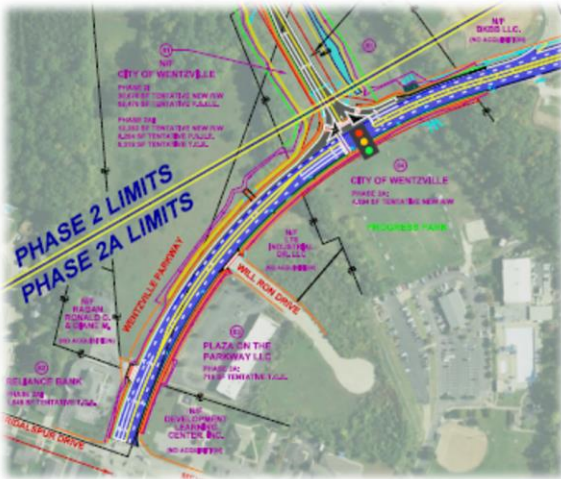
Construction (2024) - \$2,234,957

St. Charles County (40%) - \$920,000

Federal STP (50%) - \$1,150,000

Description and Justification: The pavement in this section of Wentzville Parkway is reaching the end of its anticipated life and needs large scale concrete replacement. This project will complete a full pavement replacement while also constructing the last section of center turn lane and lay the groundwork for Phase 2 of the Highway 61 Outer Road.

Anticipated Benefit: This project will provide the safety benefit of a center turn lane to existing businesses while laying the groundwork for the extension of the Highway 61 Outer Road north to provide safe access back into the City for several businesses and numerous residents. The project will also reduce ongoing maintenance costs of an aging pavement section and provide a lasting quality roadway for more than 24,000 cars a day.



FUNDING SCHEDULE

Total	2022	2023	2024	2025	2026
\$2,300,000	-	\$65,043	\$2,234,957	-	-
St. Charles County	-	\$26,017	\$893,983	-	-
Federal STP	-	\$32,522	\$1,117,478	-	-

HIGHWAY N PHASE 2A AND 2B

Fund: Transportation

Department: Administration

Location: Highway N

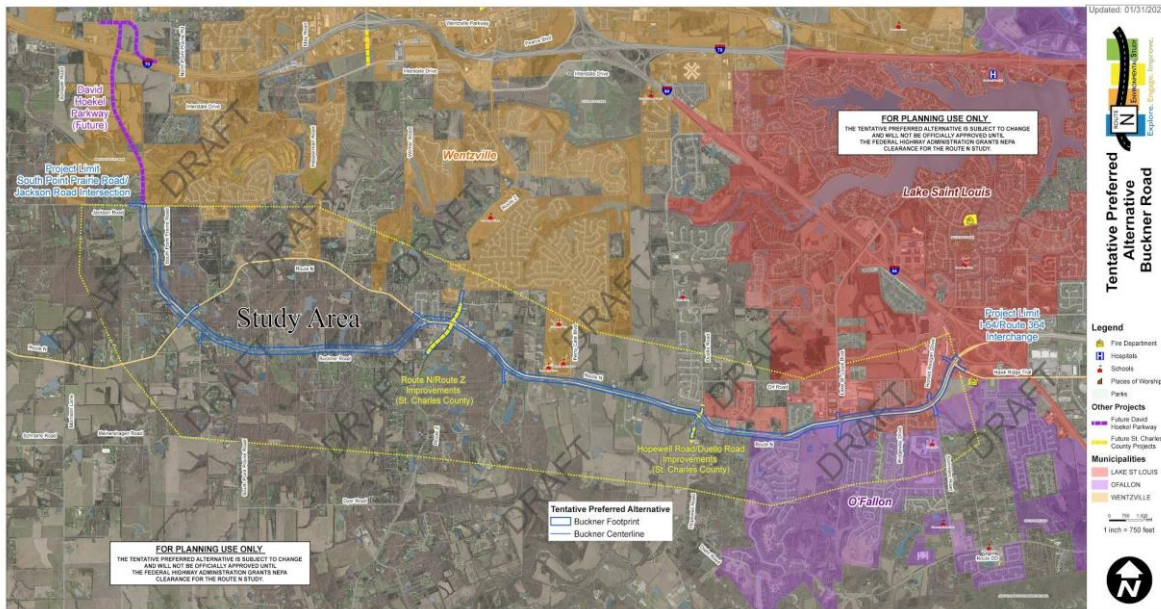
Project Cost: \$12,000,000 | **Outside Funding:** \$10,800,000 | **City Cost:** \$1,200,000

Phase 2A – St. Charles County (80%) - \$4,800,000

Phase 2B – St. Charles County (100%) - \$6,000,000

Description and Justification: The Highway N widening project is sponsored by St. Charles County with support from MoDOT for the Environmental Study. It is not currently on the STP but funding is being set aside by St. Charles County for Phases 2A and 2B. St. Charles County has indicated they may seek up to 20% participation from Wentzville for design/construction of Phase 2A. Phase 2B is for 2024 and Phase 2A is 2026.

Anticipated Benefit: Highway N is a major arterial connecting Wentzville via Route Z to I-64 and to I-70. Expansion to a 3-lane section will improve safety and increase volume capacity of this route which provides an alternate transportation route for residents and businesses when the Interstates are congested.



FUNDING SCHEDULE – Phase 2A

Total	2022	2023	2024 (Phase 2B)	2025	2026 (Phase 2A)
\$12,000,000	-	-	\$6,000,000	-	\$6,000,000
St. Charles County	-	-	\$6,000,000	-	\$4,800,000

WENTZVILLE PARKWAY SIDEWALK

Fund: Transportation

Department: Administration

Location: Sidewalk on Wentzville Parkway – Westbound I-70 Off-Ramp to West Pearce Blvd.

Project Cost: \$620,000 | **Outside Funding:** \$496,000 | **City Cost:** \$124,000
East-West Gateway Council of Governments TAP (80%) - \$496,000

Description and Justification: This project will consist of constructing a six-foot wide concrete sidewalk along the east side of Wentzville Parkway from the westbound Interstate 70 off-ramp to the intersection of Wentzville Parkway and West Pearce Boulevard. This sidewalk extension will allow for a pedestrian route that will connect the City's current sidewalk and trail network on the north side of Interstate 70 to the sidewalk and trail network on the south side of Interstate 70 via the proposed improvements associated with Wentzville Parkway South Phase I which provides a six-foot access path across the Wentzville Parkway bridge over Interstate 70.

Anticipated Benefit: This project will provide City residents with pedestrian route over Interstate 70 and connect the City's sidewalk and trail networks on the north and south side of Interstate 70.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$620,000	-	-	\$620,000	-	-
TAP	-	-	496,000	-	-

WILMER ROAD SAFETY IMPROVEMENTS

Fund: Transportation

Department: Administration

Location: Wilmer Road

Project Cost: \$3,000,000 | **Outside Funding:** \$2,400,000 | **City Cost:** \$600,000

Planning and Engineering (2024) - \$300,000

Pre-Construction (2025) - \$300,000

Construction (2026) - \$2,400,000

St. Charles County (80%) - \$2,400,000

Description and Justification: This application provides funds to add 3-foot shoulders and overlay to Wilmer Road. This project will look to address safety conditions in advance on increased traffic volume anticipated with increased residential development along Wilmer Road.

Anticipated Benefit: Improve safety of the Wilmer Road corridor in anticipation of increased traffic volumes associated with the continued residential growth in the area.



FUNDING SCHEDULE

Total	2022	2023	2024	2025	2026
\$3,000,000	-	-	\$300,000	\$300,000	\$2,400,000
St. Charles County	-	-	\$240,000	\$240,000	\$1,920,000

RAILROAD QUIET ZONE

Fund: Transportation

Department: Administration

Location: Linn, Wilmer and Hepperman Crossings

Project Cost: \$670,000 | **Outside Funding:** \$250,000 | **City Cost:** \$420,000

Planning/Engineering - \$60,000

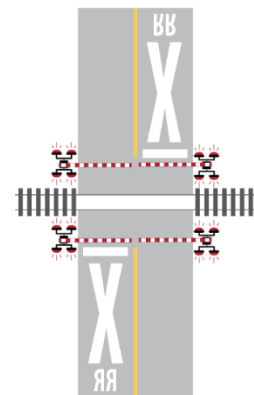
Pre-Construction - \$10,000

Construction - \$600,000

MoDOT Safety Funding - \$250,000

Description and Justification: It is anticipated that quad gates will be needed for installation at both the Linn at-grade and Hepperman at-grade railroad crossings. The cost estimate for quad gates is \$250,000 per location. MoDOT safety may be able to fund up to \$250,000 in the event that two additional at grade crossings are closed as part of the Quiet Zone Initiative. The crossings for closure consideration are Wilmer and South Point Prairie with closure costs estimated at \$50,000 per location.

Anticipated Benefit: The anticipated benefit of the railroad quiet zone would be the quality of life for the business and residents that live and work near the railroad and near the existing at-grade crossings. This railroad quiet zone would greatly eliminate the need for trains to blow their load horns when approaching and crossing an at-grade crossing. The addition of safety enhancements would benefit people who drive, walk or bike in the vicinity of rail crossings. A quiet zone may also spur economic development within downtown with the near elimination of load train horns effecting local businesses.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$670,000	-	-	\$70,000	\$600,000	-
MoDOT	-	-	-	\$250,000	-

MEXICO ROAD SAFETY IMPROVEMENTS

Fund: Transportation

Department: Administration

Location: Mexico Rd. from Josephville Rd. to Midland Park Dr.

Project Cost: \$5,000,000 | **Outside Funding:** \$4,360,000 | **City Cost:** \$640,000

Federal STP - \$1,800,000

St. Charles County - \$2,560,000

Description and Justification: The pavement along Mexico Road between Josephville Road and Midland Park Drive is reaching the end of its anticipated life cycle and is in need of a large-scale rehabilitation project to preform needed pavement repairs and to replace the driving surface. Also, safety improvements such as lane and shoulder widths will be incorporated into the project.

Anticipated Benefit: Improved ride quality and safety and reduced annual maintenance costs while considerably extending the serviceable life of the roadway.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$5,000,000	-	-	-	\$5,000,000	-
Federal STP	-	-	-	\$1,800,000	-
St. Charles County	-	-	-	\$2,560,000	-

HIGHWAY 61 OUTER ROAD – PHASE 2

Fund: Transportation

Department: Administration

Location: West Outer Road Highway 61

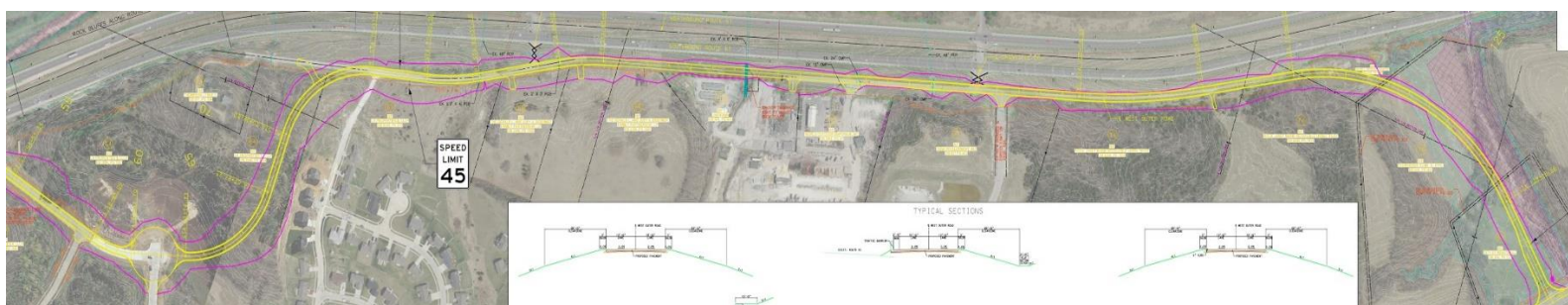
Project Cost: \$8,500,000 | **Outside Funding:** \$7,650,000 | **City Cost:** \$850,000

Federal STP - \$4,250,000

St. Charles County - \$3,400,000

Description and Justification: The project will include construction of a new two lane roadway from north of Timber Trace Crossing to Wentzville Parkway, approximately 1.46 miles in length. Roadway will act as outer road for Highway 61 and will provide additional connection to Wentzville Parkway from northern areas of the City. City will be seeking outside funding from both St. Charles County Road Board and Federal STP.

Anticipated Benefit: The project will serve as a relief route for Highway 61 and improve safe access to the Wentzville Parkway corridor from the northern areas of the City. Phase 2 is a component of the overall West Outer Road that will satisfy a key component of the City's Transportation Master Plan to create a transportation link to the heart of the City, connect expanding residential areas to businesses, and provide additional economic development opportunities.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$8,500,000	-	-	-	-	\$8,500,000
Federal STP	-	-	-	-	\$4,250,000
St. Charles County	-	-	-	-	\$3,400,000

NORTH POINT PRAIRIE ROAD STUDY

Fund: Transportation

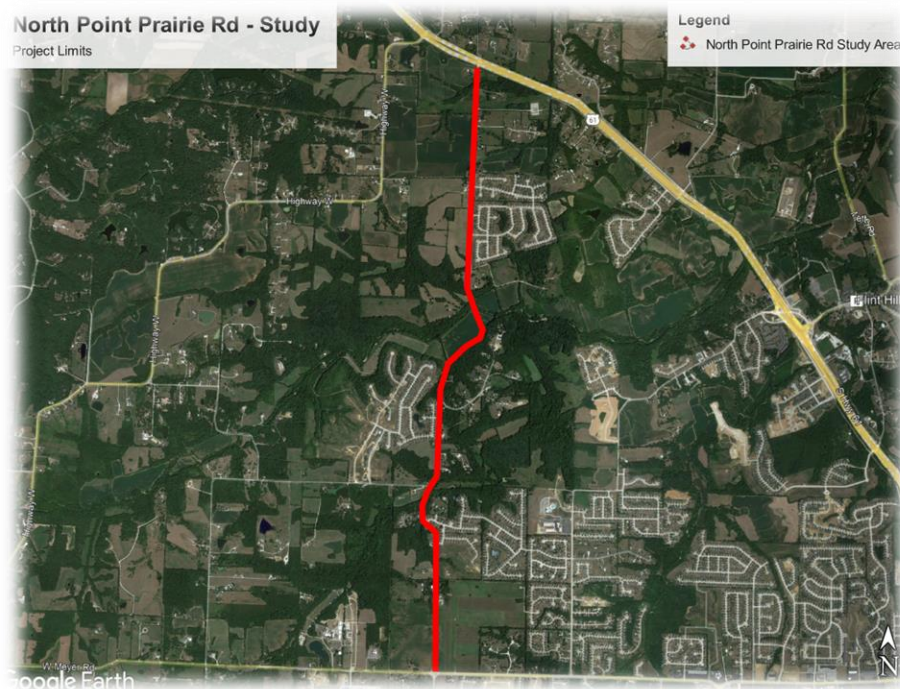
Department: Administration

Location: West Meyer Road to Highway 61

Project Cost: \$200,000 | **Outside Funding:** \$-0- | **City Cost:** \$200,000

Description and Justification: This study will develop a potential transportation improvement plan for North Point Prairie Road from West Meyer Road to Highway 61. Through this high-level transportation analysis potentially identified improvements would be assembled into a conceptual plan level submittal.

Anticipated Benefit: The study will provide an evaluation to identify potential transportation improvements related to safety, access, reduced congestion and increased level of service for residents within the project limits.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$200,000	-	-	-	-	\$200,000

CONTRACTED STREET AND SIDEWALK MAINTENANCE – ASPHALT AND CONCRETE REPLACEMENT

Fund: Transportation

Department: Streets

Location: Citywide

Project Cost: \$16,300,000 | **Outside Funding:** \$-0- | **City Cost:** \$16,300,000

Description: Ongoing street and sidewalk maintenance based on the pavement condition index (PCI) condition, as well as factors such as average daily traffic (ADT) and safety.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$16,300,000	\$3,000,000	\$3,200,000	\$3,300,000	\$3,300,000	\$3,300,000

SINGLE-AXLE DUMP TRUCK WITH PLOW AND SPREADER

Fund: Transportation

Department: Transportation – Streets

Project Cost: \$517,000 | **Outside Funding:** \$-0- | **City Cost:** \$517,000

Description and Justification: Purchase of three (one per year) single-axle dump trucks with plow and spreader. These dump trucks will replace two existing and one will be added to the current fleet.

Anticipated Benefit: The addition of this vehicle allows for a more efficient snow removal operation. Trucks of this size are better equipped to handle large snow fall of three or more inches.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$517,000	\$167,000	-	\$170,000	-	\$180,000

TANDEM-AXLE DUMP TRUCK WITH PLOW AND SPREADER

Fund: Transportation

Department: Transportation – Streets

Project Cost: \$400,000 | **Outside Funding:** \$-0- | **City Cost:** \$400,000

Description and Justification: Tandem-axle dump truck with plow and spreader. These dump trucks will replace one existing dump truck that exhibits considerable wear and tear, and is accompanied by high maintenance costs due to age and use and will add one dump truck to the current fleet. Dump truck is a material hauler and snow plow vehicle, which is considered heavy duty.

Anticipated Benefit: All equipment is placed on a regular replacement schedule where it is replaced after a fixed number of years to maintain fleet reliability during emergency operations and to minimize out of service time and repair costs associated with heavy use of aged equipment. Tandem trucks are critical pieces of the street pavement repair and snow removal operations and must be replaced every 10 years to ensure availability during critical and emergency-response events.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$400,000	\$190,000	-	-	-	\$210,000

BACKHOE

Fund: Transportation

Department: Transportation – Streets

Project Cost: \$140,000 | **Outside Funding:** \$-0- | **City Cost:** \$140,000

Description and Justification: The current backhoe has been on a five-year lease cycle as it is the work horse of large equipment. It is used largely for the removal of concrete street panels as well as standard loading, dumping and material moving.

Anticipated Benefit: Payoff of the lease will allow the City to own the backhoe.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$140,000	\$140,000	-	-	-	-

SINGLE-AXLE ASPHALT PATCH TRUCK

Fund: Capital

Department: Transportation – Streets

Project Cost: \$170,000 | **Outside Funding:** \$-0- | **City Cost:** \$170,000

Description and Justification: Replacement truck for 10-year-old patch truck that operates three to four days a week patching streets.

Anticipated Benefit: The anticipated benefit for the replacement of this equipment is increased reliability and reduction in maintenance and repair costs.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$170,000	-	-	-	\$170,000	-

LED INFORMATION SIGN

Fund: Capital

Department: Transportation – Streets

Project Cost: \$18,500 | **Outside Funding:** \$-0- | **City Cost:** \$18,500

Description and Justification: Purchase of LED information signs that will replace outdated 2007 models of like kind.

Anticipated Benefit: The anticipated benefit for the replacement of this equipment is greater safety measures for road projects, efficiency and flexibility. In addition, these units are used City wide by other departments to advertise City events.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$18,500	\$18,500	-	-	-	-

TRACTOR WITH ROW MOWING ARM

Fund: Capital

Department: Transportation – Streets

Project Cost: \$155,000 | **Outside Funding:** \$-0- | **City Cost:** \$155,000

Description and Justification: Purchase of a tractor with ROW mowing arm. Replace outdated 1997 model of similar nature that has been in service for many years, exhibits considerable wear and tear, and is accompanied by high maintenance costs due to age and use.

Anticipated Benefit: The City has placed equipment on a regular replacement schedule. Equipment will be replaced after a fixed number of years, before it has the opportunity to become a financial drain. Naturally, vehicles wearing out before expected will be replaced prior to their schedule, and those remaining in good condition when replacement is otherwise scheduled will be retained for additional years. The City intends to adhere to the schedule in order to minimize long-term maintenance costs.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$155,000	-	\$155,000	-	-	-

TRACK SKID LOADER

Fund: Capital

Department: Transportation – Streets

Project Cost: \$70,000 | **Outside Funding:** \$-0- | **City Cost:** \$70,000

Description and Justification: Replace an outdated model of similar nature that has been in service for many years and exhibits considerable wear and tear. This skid-steer loader is on a three-year replacement cycle as it is the work horse of small equipment. In addition to standard loading, dumping and material moving, this equipment attaches to, and runs numerous attachments used for different situations of street work. These attachments exert enormous pressures/vibrations on the loader.

Anticipated Benefit: Reliability, reduction in repair and maintenance costs and improved fuel economy.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$70,000	-	\$70,000	-	-	-

SKID-STEER LOADER

Fund: Capital

Department: Transportation – Streets

Project Cost: \$70,000 | **Outside Funding:** \$-0- | **City Cost:** \$70,000

Description and Justification: Purchase of a skid-steer loader to replace an outdated 2014 model of similar nature that has been in service for many years, exhibits considerable wear and tear, and is accompanied by maintenance costs due to age and use.

Anticipated Benefit: This skid-steer loader is on a three-year replacement cycle as it is the work horse of small equipment. In addition to standard loading, dumping and material moving, this equipment attaches to, and runs numerous attachments used for different situation of street work, such as fork-lift forks for moving pallets and materials, Concrete and Asphalt Breaker HB 980, Finish Grinder 24” high flow Planer for the removal of asphalt and concrete, and a new attachment which is the Rock Saw (included in this bid). These attachments exert enormous pressures/vibrations on the loader.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$70,000	-	-	\$70,000	-	-

MINI-EXCAVATOR

Fund: Capital

Department: Transportation – Streets

Project Cost: \$75,000 | **Outside Funding:** \$-0- | **City Cost:** \$75,000

Description and Justification: Purchase of a mini-excavator to replace an outdated 2017 model of similar nature that has been in service for many years, exhibits considerable wear and tear, and is accompanied by maintenance costs due to age and use.

Anticipated Benefit: All equipment is placed on a regular replacement schedule where it is replaced after a fixed number of years to maintain fleet reliability and to minimize out of service time and repair costs associated with heavy use of aged equipment.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$75,000	-	-	-	-	\$75,000

TOWABLE AIR COMPRESSOR

Fund: Capital

Department: Transportation – Streets

Project Cost: \$35,000 | **Outside Funding:** \$-0- | **City Cost:** \$35,000

Description and Justification: Purchase of a towable air compressor to replace an outdated 2008 model of similar nature that has been in service for many years, exhibits considerable wear and tear, and is accompanied by maintenance costs due to age and use.

Anticipated Benefit: Replacement of aging compressor to reduce down time and expenses due to repairs.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$35,000	-	-	-	-	\$35,000

HIGH PRESSURE POWER WASHER/STEAM CLEANER

Fund: Capital

Department: Transportation – Streets

Project Cost: \$8,500 | **Outside Funding:** \$-0- | **City Cost:** \$8,500

Description and Justification: Purchase of a pressure washer to replace an outdated 1996 model of similar nature that has been in service for many years, exhibits considerable wear and tear, and is accompanied by maintenance costs due to age and use.

Anticipated Benefit: Equipment is reaching the end of service life and needs to be replaced before maintenance costs outweigh the purchase of a new machine.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$8,500	-	-	-	-	\$8,500

TRAFFIC SIGNAL DETECTION CAMERA

Fund: Capital

Department: Transportation – Streets

Project Cost: \$152,000 | **Outside Funding:** \$-0- | **City Cost:** \$152,000

Description and Justification: Replace an outdated traffic signal detection system that has been in service for more than 15 years and exhibits considerable reliability issues due to wear and tear. Traffic detection cameras detect the presence of vehicles and allow traffic signals to respond to changes in the traffic volumes by varying the length of lights.

Anticipated Benefit: Improved vehicle detection, reliability and reduction in repair and maintenance costs.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$152,000	\$30,000	\$30,000	\$30,000	\$30,000	\$32,000



Water

WATER

PROJECT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
Water	Water Interconnection Improvements	2,500,000	-	-	-	-	2,500,000
Water	Water Interconnection Improvements Loan Payback	-	250,000	250,000	250,000	250,000	1,000,000
Water	Coating Interior and Exterior of Tower #4	880,000	-	-	-	-	880,000
Water	2-MG GM Ground Storage Tank Coating Interior	40,000	350,000	-	-	-	390,000
Water	Water Main Improvements to Support Future Tower	250,000	2,500,000	-	-	-	2,750,000
Water	2-MG Water Storage Tank	-	-	-	490,000	4,900,000	5,390,000
Water	Coating Interior and Exterior of Tower #2	-	-	-	-	1,000,000	1,000,000
Water	In-House Waterline Interconnections	125,000	125,000	125,000	125,000	125,000	625,000
Water	Waterline Extensions and Replacement	550,000	350,000	100,000	150,000	300,000	1,450,000
Water Funded Equipment:							
Water	Natural Gas Generators	15,000	-	-	-	-	15,000
Water	Electro-Fusion Processor	10,000	-	-	-	10,000	20,000
Water	Metrotech vLoc/9800 Locator	5,500	-	-	5,800	11,300	22,600
TOTAL		4,375,500	3,575,000	475,000	1,020,800	6,596,300	16,042,600

WATER

EQUIPMENT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
Water	3/4-Ton 4x4 Pickup Truck	34,000	34,000	34,000	35,000	36,000	173,000
Water	Single-Axle Dump Truck with Plow and Spreader	167,000	-	-	-	-	167,000
Water	Box Truck	65,000	-	-	-	-	65,000
Water	10k-100k Skid Generator	8,000	-	-	-	-	8,000
Water	1.5-Ton 4x4 Dump Truck with Plow and Spreader	-	-	-	96,000	-	96,000
Water	Mini-Excavator	-	-	-	-	95,000	95,000
TOTAL		274,000	34,000	34,000	131,000	131,000	604,000

TOTAL PROJECTS AND EQUIPMENT						
	2022	2023	2024	2025	2026	Five Year Total
TOTAL	4,649,500	3,609,000	509,000	1,151,800	6,727,300	16,646,600

FUNDING SOURCE						
	2022	2023	2024	2025	2026	Five Year Total
Capital Fund	2,774,000	34,000	34,000	131,000	131,000	3,104,000
Water Fund	1,875,500	3,575,000	475,000	1,020,800	6,596,300	13,542,600
TOTAL	4,649,500	3,609,000	509,000	1,151,800	6,727,300	16,646,600

WATER INTERCONNECTION IMPROVEMENTS

Fund: Water

Department: Water

Location: E. Pitman Ave.

Project Cost: \$2,500,000 | **Outside Funding:** \$-0- | **City Cost:** \$2,500,000

Description and Justification: Construction of approximately 11,000 feet of new 12-inch water main and a new booster pump station to allow for new water purchase interconnect point with the City of O'Fallon. Water service will be fed from Missouri American Water Company through the City of O'Fallon system. The connection and booster pump will allow for additional daily water purchase of up to 1.25 million gallons per day at a rate below which the City is currently purchasing water.

Anticipated Benefit: The new interconnect will act as a secondary feed point for water into the City's system in an area currently only fed by a single line, providing redundancy for the water system. Lower water purchase cost from the new source will allow for overall water purchase costs savings.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$2,500,000	\$2,500,000	-	-	-	-

LOAN PAYBACK SCHEDULE						
Total	2022	2023	2024	2025	2026	FUTURE
\$2,500,000	-	\$250,000	\$250,000	\$250,000	\$250,000	\$1,500,000

Funds in the amount of \$2,500,000 will be transferred in 2022 from the Capital fund reserve to the Water Fund for the construction of this project. The \$2,500,000 from the Capital fund reserve will be fully restored and paid back by the Water fund by 2032 in which transfers of \$250,000 will be completed annually.

COATING INTERIOR AND EXTERIOR OF TOWER #4

Fund: Water

Department: Water

Location: 802 East Pearce Boulevard

Project Cost: \$880,000 | **Outside Funding:** \$-0- | **City Cost:** \$880,000

Description: Interior and exterior coating of Tower #4 located at 802 East Pearce Blvd.

Justification: The 300,000-gallon tower is failing primarily due to coating issues. Re-coating this tower would maintain water storage demand while extending the longevity of the tower.

Anticipated Benefit: Recoating of this tower would restore what has been a high maintenance tower from demo while maintaining storage capacities and providing stable pressure and fire flow capabilities.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$880,000	\$880,000	-	-	-	-

2-MG GM GROUND STORAGE TANK COATING INTERIOR

Fund: Water
Department: Water
Location: East Booster Station (Edinger Road)

Project Cost: \$390,000 | **Outside Funding:** \$-0- | **City Cost:** \$390,000

Description: Take the two-million-gallon ground storage tank out of service and prep and paint; the interior floor, roof and walls of the tank.

Justification: Water tanks need to be re-coated inside and out on a regular as needed basis to protect the tower from corrosion and failure. At this time, only the interior needs to be coated.

Anticipated Benefit: Making the investment to coat water tanks on a regular as needed basis greatly extends the life of the City’s tank infrastructure.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$390,000	\$40,000	\$350,000	-	-	-

WATER MAIN IMPROVEMENTS TO SUPPORT FUTURE TOWER

Fund: Water
Department: Water
Location: Schroeder Creek Blvd., South under I-70 to new Public Works Facility Site

Project Cost: \$2,750,000 | **Outside Funding:** \$-0- | **City Cost:** \$2,750,000

Description and Justification: Construction of large capacity transmission water main from existing main near Water Tower #3 located on Schroeder Creek Blvd. and continuing south along Schroeder Creek Blvd., under Interstate 70 through a bored casing, under railroad tracks through bored casing and continuing along Wilmer Road and then east on Interstate Drive to the future Public Works Facility site. This transmission main will be necessary to support a new Water Tower.

Anticipated Benefit: Will allow water to flow in and out of the future tower in an efficient manner and provide increased water supply for both drinking water and fire protection to the portion of the City on south of Interstate 70.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$2,750,000	\$250,000	\$2,500,000	-	-	-

2-MG WATER STORAGE TANK

Fund: Water

Department: Water

Location: Interstate Drive/Wilmer Rd.

Project Cost: \$5,390,000 | **Outside Funding:** \$-0- | **City Cost:** \$5,390,000

Design - \$490,000

Construction - \$4,900,000

Description and Justification: The construction of a new elevated spheroid water storage tank in order to provide the City with a cost effective and reliable water storage supply during peak demand months and year-round storage source for fire protection and additional water storage during mechanical or equipment failure.

Anticipated Benefit: Stabilizes the City's ability to reliably provide adequate water supply for both drinking water and fire protection and to keep up with commercial, industrial and residential growth demands.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$5,390,000	-	-		\$490,000	\$4,900,000

COATING INTERIOR AND EXTERIOR OF TOWER #2

Fund: Water

Department: Water

Location: Rotary Park

Project Cost: \$1,000,000 | **Outside Funding:** \$-0- | **City Cost:** \$1,000,000

Description and Justification: Rehabilitate existing Water Tower #2 by replacing existing coatings on both interior and exterior of the tower. The existing coatings on the tower are approaching the end of their life cycle and will require replacement in order to extend the life of Water Tower #2.

Anticipated Benefit: The coating systems for Tower #2 are approaching the end of their life cycle and require replacement to maintain protection of Tower #2. A new coating system is anticipated to have a life cycle of 20 years.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$1,000,000	-	-	-	-	\$1,000,000

IN-HOUSE WATERLINE INTERCONNECTIONS

Fund: Water
Department: Water
Location: City Wide

Project Cost: \$625,000 | **Outside Funding:** \$-0- | **City Cost:** \$625,000

Justification: Projects include replacement and upsizing of deteriorated water main sections to improve pressure and fire flow capability while reducing maintenance cost and system repair downtime. By utilizing City staff to complete these projects, waterlines are replaced at a lower cost.

Anticipated Benefit: Waterline projects will reduce maintenance cost, water outages, precautionary boil advisories while increasing pressures and fire flow capabilities.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$625,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000

WATERLINE EXTENSIONS AND REPLACEMENTS

Fund: Water

Department: Water

Location: City Wide

Project Cost: \$1,000,000 | **Outside Funding:** \$-0- | **City Cost:** \$1,000,000

PROJECT DESCRIPTION				
YEAR	LOCATION	SIZE (IN)	LENTH (FT)	COST (\$)
2022	Waterline Replacement	8	1,600	100,000
2022	Upsize DHP Ph II 8" to 12"	12	1,800	250,000
2022	Upsize Hwy A Corridor	16	2,500	200,000
2023	E. Pearce Blvd. from Cheryl Ann to Schroeder Creek Blvd.	12	2,000	250,000
2023	Highway Z Casing	24	130	100,000
2024	Interstate Dr. upsize 8 to 12	12	800	100,000
2025	Waterline Replacement	12	1,200	150,000
2026	William Dierberg Dr. from Schroeder Creek Blvd. to Wentzville Parkway	16	2,400	300,000

Justification: Projects include replacement and upsizing of deteriorated water main sections to improve pressure and fire flow capability while reducing maintenance cost and system repair downtime.

Anticipated Benefit: Waterline projects will reduce maintenance cost, water outages, precautionary boil advisories while increasing pressures and fire flow capabilities.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$1,450,000	\$550,000	\$350,000	\$100,000	\$150,000	\$300,000

NATURAL GAS GENERATORS

Fund: Water

Department: Water

Location: Citywide

Project Cost: \$20,000 | **Outside Funding:** \$-0- | **City Cost:** \$20,000

Description and Justification: Natural gas generators would allow for tower operations during extended periods of power outages to maintain pressure in the water system. This emergency power would also allow for Supervisors to monitor tower levels and alarms during emergency events through SCADA communications. The four locations that back up power is needed are Towers 1, Tower 2, Tower 4 and the Public Works offices for SCADA central controls.

Anticipated Benefit: Generators would allow for the City water system and towers to remain operational during extended periods of power loss. It would also allow for Supervisors to make changes to the system and see alarms that could impact water services.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$20,000	\$20,000	-	-	-	-

ELECTRO-FUSION PROCESSOR

Fund: Water

Department: Water

Location: Citywide

Project Cost: \$20,000 | **Outside Funding:** \$-0- | **City Cost:** \$20,000

Description and Justification: Georg Fischer MSA 340 Electro-fusion processor used for fusing couplings and saddles on water and wastewater HDPE mains are on a ten-year replacement plan. These replacements will assist with water distribution system repairs, maintenance, and installations.

Anticipated Benefit: Cycling out the electro-fusion processors at ten-years along with frequent calibrations and software updates keeps the City up-to-date on the fusion technology used in the HDPE water and sewer mains.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$20,000	\$10,000	-	-	-	\$10,000

METROTECH VLOC/9800 LOCATOR

Fund: Water

Department: Water

Location: Citywide

Project Cost: \$22,600 | **Outside Funding:** \$-0- | **City Cost:** \$22,600

Description: Metrotech v/Loc 9800 locator used for locating water and sewer mains for Missouri One Call.

Justification: Locators are on a five-year replacement plan.

Anticipated Benefit: Cycling out locators at five years keeps the City up to date on the utility-locating technology to protect the water and sewer mains from damage.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$22,600	\$5,500	-	-	\$5,800	\$11,300

3/4-TON 4X4 PICKUP TRUCK

Fund: Capital

Department: Water

Location: Citywide

Project Cost: \$173,000 | **Outside Funding:** \$-0- | **City Cost:** \$173,000

Description: Purchase of a 3/4-ton 4x4 pickup truck used to heavy duty field operations.

Justification: A 3/4-ton truck will be used to conduct field and emergency heavy-duty operations and will need to have an electric brake controller, HD class v-hitch and emergency LED lights will be added to the truck.

Anticipated Benefit: Water is in need of additional vehicles due to recent addition of positions, so we are extending our vehicle replacement cycle from 10-year average age to 12-year average age, in an effort to reduce cost of increasing our fleet size while maintaining a reliable fleet to keep Water Operations running smoothly.



FUNDING SCHEDULE					
TOTAL	2022	2023	2024	2025	2026
\$173,000	\$34,000	\$34,000	\$34,000	\$35,000	\$36,000

SINGLE-AXLE DUMP TRUCK WITH PLOW AND SPREADER

Fund: Capital

Department: Water

Location: Citywide

Project Cost: \$167,000 | **Outside Funding:** \$-0- | **City Cost:** \$167,000

Description and Justification: Purchase of a single-axle dump truck to replace an existing truck that was purchased in 2012.

Anticipated Benefit: All equipment is placed on a regular replacement schedule where it is replaced after a fixed number of years to maintain fleet reliability during emergency operations and to minimize out of service time and repair costs associated with heavy use of aged equipment. Single Axle trucks are critical pieces of water repairs and assisting with snow removal operations and must be replaced every 10 years to ensure availability during critical and emergency-response events



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$167,000	\$167,000	-	-	-	-

BOX TRUCK

Fund: Capital

Department: Water

Location: Citywide

Project Cost: \$65,000 | **Outside Funding:** \$-0- | **City Cost:** \$65,000

Description and Justification: A box truck to replace the current box trailer in 2022 would ensure proper transportation and protection for the supplies, tools and equipment required during a water emergency or projects such as the water main extensions and replacement program.

Anticipated Benefit: Allows the Water Division to maintain the high level of service for Wentzville residents by utilizing a reliable and secure trailer for Water Divisions supplies, tools and equipment while on projects or emergency water repairs.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$65,000	\$65,000	-	-	-	-

10K-100K SKID GENERATOR

Fund: Capital

Department: Water

Location: Citywide

Project Cost: \$8,000 | **Outside Funding:** \$-0- | **City Cost:** \$8,000

Description and Justification: The purchase of the 10K-100K generator will be used for a portable backup source of power during emergency operations. This will allow the water system / wells to remain operational for an extended period of time during emergency events.

Anticipated Benefit: Provides portable power to locations with quick connect transfer switches. Areas with this type of connection currently include Well #6 and Well #5.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$8,000	\$8,000	-	-	-	-

1.5-TON 4X4 DUMP TRUCK WITH PLOW AND SPREADER

Fund: Capital

Department: Water

Project Cost: \$96,000 | **Outside Funding:** \$-0- | **City Cost:** \$96,000

Description and Justification: The purchase of a 1.5-ton dump truck will be used to conduct field and emergency heavy-duty operations and will need to have an electric brake controller, HD class V-hitch and emergency LED lights added to the truck. The truck will be outfitted with a snow plow and spreader.

Anticipated Benefit: The additional vehicle will reduce costs of increasing fleet size while maintaining a reliable fleet to keep water operations running smoothly.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$96,000	-	-	-	\$96,000	-

MINI-EXCAVATOR

Fund: Capital

Department: Water

Project Cost: \$95,000 | **Outside Funding:** \$-0- | **City Cost:** \$95,000

Description and Justification: Replacement of 2016 Bobcat E-55 mini-excavator for water distribution system repairs, maintenance and installations.

Anticipated Benefit: By 2026, the equipment will be reaching its end of service life before maintenance costs start to escalate. A new replacement would ensure the typical quick response times and quick repairs by having equipment that is in great condition and working properly without maintenance repair down times.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$95,000	-	-	-	-	\$95,000

Wastewater

WASTEWATER

PROJECT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
Wastewater	Biosolids Land Acquisition Payback	227,800	227,800	227,800	227,800	-	911,200
Wastewater	Norfolk and Southern Lift Station Replacement	550,000	-	-	-	-	550,000
Wastewater	Legion Lift Station	500,000	-	-	-	-	500,000
Wastewater	East Lift Station Replacement	30,000	825,000	-	-	-	855,000
Wastewater	Stone Meadows Lift Station Rehabilitation	-	250,000	-	-	-	250,000
Wastewater	MSP Lift Station Replacement	-	-	2,547,020	-	-	2,547,020
Wastewater	Bypass Trunk Relief	-	-	200,000	2,100,000	-	2,300,000
Wastewater	Boone Trail Lift Station Replacement	-	-	-	150,000	-	150,000
Wastewater	St. Lukes Lift Station	-	-	-	150,000	-	150,000
Wastewater	Treatment Unit No. 3 Clarifier Rehab	-	-	-	50,000	-	50,000
Wastewater	HVAC Units	-	-	-	15,000	-	15,000
Wastewater	Duckett Creek Partnership	-	-	-	-	3,700,000	3,700,000
Wastewater	Wet Weather Storage Basin	-	-	-	-	2,500,000	2,500,000
Wastewater	Parr Rd. Lift Station Replacement	-	-	-	-	150,000	150,000
Wastewater Funded Equipment:							
Wastewater	Lift Station Spare Pumps, VFDs and Replacement	122,000	100,000	120,000	121,000	100,000	563,000
Wastewater	Dewatered Biosolids Applicator with Scale	75,000	-	-	-	-	75,000
Wastewater	20' Pull Behind Disc	48,000	-	-	-	-	48,000
Wastewater	Minimum Till Ripper	13,000	-	-	-	-	13,000
Wastewater	Metrotech vLoc/9800 Locator	-	5,500	-	-	-	5,500
TOTAL		1,565,800	1,408,300	3,094,820	2,813,800	6,450,000	15,332,720

WASTEWATER

EQUIPMENT							
Department	Description	2022	2023	2024	2025	2026	Five Year Total
Wastewater	Crane Truck	125,000	-	-	-	-	125,000
Wastewater	Sewer Jet Trailer	90,000	-	-	-	-	90,000
Wastewater	UTV and Trailer	25,000	-	-	-	-	25,000
Wastewater	One-Ton 4x4 Service Pickup Truck	45,000	-	46,000	-	47,000	138,000
Wastewater	Skid Steer and Brush Hog	-	100,000	-	-	-	100,000
Wastewater	1/2-Ton Crew Cab 4x4 Pickup Truck	-	36,000	-	37,000	-	73,000
Wastewater	Mini-Excavator	-	-	-	100,000	-	100,000
Wastewater	Zero-Turn Mower	-	-	-	-	12,000	12,000
TOTAL		285,000	136,000	46,000	137,000	59,000	663,000

TOTAL PROJECTS AND EQUIPMENT							
	2022	2023	2024	2025	2026	Five Year Total	
TOTAL	1,850,800	1,544,300	3,140,820	2,950,800	6,509,000	15,995,720	

FUNDING SOURCE							
	2022	2023	2024	2025	2026	Five Year Total	
Capital Fund	285,000	136,000	46,000	137,000	59,000	663,000	
Wastewater Fund	1,565,800	1,408,300	3,094,820	2,813,800	6,450,000	15,332,720	
TOTAL	1,850,800	1,544,300	3,140,820	2,950,800	6,509,000	15,995,720	

BIOSOLIDS LAND ACQUISITION PAYBACK

Fund: Wastewater
Department: Wastewater

Project Cost: \$2,442,377 | **Outside Funding:** \$-0- | **City Cost:** \$2,442,377

Description and Justification: In 2020, the City purchased land for biosolids land application for a total purchase price of \$2,442,377. Funds in the amount of \$1,303,377 were available in the Wastewater fund for this land purchase. The remaining funds in the amount of \$1,139,000 were transferred from the Capital fund reserve for land acquisition. The \$1,139,000 from the reserve will be fully restored and paid back by the Wastewater fund by 2025 in which transfers of \$227,800 will be completed annually.

Anticipated Benefit: To prevent expensive contracted removal expenses, maintain compliance with Current NPDES Permit and avoid MODNR and EPA violations.



FUNDING SCHEDULE						
Total	PRIOR	2022	2023	2024	2025	2026
\$2,442,377	\$1,531,177	\$227,800	\$227,800	\$227,800	\$227,800	-

NORFOLK AND SOUTHERN LIFT STATION REPLACEMENT

Fund: Wastewater

Department: Wastewater

Location: 101 Edinger Rd.

Project Cost: \$550,000 | **Outside Funding:** \$-0- | **City Cost:** \$550,000

Description and Justification: Replace Smith and Loveless Lift Station (35 years old). Lift Station frame (can unit) has deteriorated to the point replacement is required. Station was constructed in 1981. The lift station will be replaced with the City design standard submersible pump lift station.

Anticipated Benefit: This type of station is proposed for safety, uniformity, ease of maintenance, and life cycle costs.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$550,000	\$550,000	-	-	-	

LEGION LIFT STATION REPLACEMENT

Fund: Wastewater

Department: Wastewater

Location: 506 Luetkenhaus Blvd.

Project Cost: \$500,000 | **Outside Funding:** \$-0- | **City Cost:** \$500,000

Description and Justification: Replacement of Legion Lift Station and control panel due to age, condition, and pumping capacity, in an effort to provide adequate service to the related sewer shed in lieu of the US 61 gravity main project per the Wastewater Master Plan.

Anticipated Benefit: This type of Lift Station is proposed for safety, uniformity, ease of maintenance, and life cycle costs. It will also increase flow capability, reliability, and operability at this location.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$500,000	\$500,000	-	-	-	-

EAST LIFT STATION REPLACEMENT

Fund: Wastewater
Department: Wastewater
Location: 1520 E. Pitman Avenue

Project Cost: \$855,000 | **Outside Funding:** \$-0- | **City Cost:** \$855,000
Planning/Engineering - \$30,000
Construction - \$825,000

Description: This is a replacement of a 1977 lift station that runs inefficiently and has safety issues. Project will replace 37-year-old, dry-well lift station with submersible pumps and controls. The concrete wet well at this station is showing high deterioration from the hydrogen sulfide (H2S). The Engineering Division recommends replacement with the addition of an eight-hour retention tank.

Justification: The lift station will be replaced with the City Design Standard submersible pump lift station. This type of lift station is proposed for safety, uniformity, ease of maintenance and lift-cycle costs. This project may include public/private partnership opportunities.

Anticipated Benefit: More efficient system for pumping system, increased reliability and operation redundancies needed to ensure continuous operation of this lift station.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$855,000	\$30,000	\$825,000	-	-	-

STONE MEADOWS LIFT STATION REHABILITATION

Fund: Wastewater
Department: Wastewater
Location: 6057 Blake Thomas Dr.

Project Cost: \$250,000 | **Outside Funding:** \$-0- | **City Cost:** \$250,000

Description and Justification: Rehabilitate existing wet well and lift station due to structural concerns, reliability improvements, and increased inflow and infiltration in surrounding sewer shed.

Anticipated Benefit: Would provide a more efficient and reliable pump station and increased capacity and capability in anticipation of increased future flows at this and other pump stations served in this sewer shed.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$250,000	-	\$250,000	-	-	-

MSP LIFT STATION REPLACEMENT

Fund: Wastewater
Department: Wastewater
Location: 2355 Mette Rd.

Project Cost: \$2,668,020 | **Outside Funding:** \$-0- | **City Cost:** \$2,668,020

Description: Replace existing dry well lift station with submersible lift station and control panel and upgrade to 14 to 16-MGD per Wastewater Masterplan capital recommendations. A sluice gate will be installed to control high flow events and direct flows as needed between the MSP and Highway P Lift Stations.

Justification: As identified in the Wastewater Collection System Master Plan, the lift station has exceeded its useful life and a new station is needed to provide capacity for future flows as well as to improve operator safety and add redundancy.

Anticipated Benefit: More efficient system for pumping system, increased reliability versus a 40-year-old deteriorating panel.



FUNDING SCHEDULE

Total	PRIOR	2022	2023	2024	2025	2026
\$2,668,020	\$121,000	-	-	\$2,547,020	-	-

BYPASS TRUNK RELIEF

Fund: Wastewater
Department: Wastewater
Location: Highway 61, MSP and Highway P Lift Station

Project Cost: \$2,300,000 | **Outside Funding:** \$-0- | **City Cost:** \$2,300,000

Description and Justification: Replace and increase capacity of the trunk line in order to enable the Reclamation Center to receive increasing flows as the City experiences increased growth in the related sewer sheds. This will reduce all operations and maintenance costs associated with the existing main and improve system capacity and enable the Wastewater Reclamation Center lift station to receive the flows related to the increased growth.

Anticipated Benefit: Improving efficiency, safety, reliability of the collection system by adding additional flow capacity between Highway P Lift and the Reclamation Center per the Wastewater Masterplan recommendations.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$2,300,000	-	-	\$200,000	\$2,100,000	-

BOONE TRAIL LIFT STATION REPLACEMENT

Fund: Wastewater

Department: Wastewater

Location: Boone Trail Lift Station

Project Cost: \$150,000 | **Outside Funding:** \$-0- | **City Cost:** \$150,000

Description: Replace Smith and Loveless Lift Station (35 years old in 2020). The Lift station frame (can unit) has deteriorated to the point replacement is required.

Anticipated Benefit: The new station will provide increased safety and reliability as well as increased pumping efficiency.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$150,000	-	-	-	\$150,000	-

ST. LUKES LIFT STATION

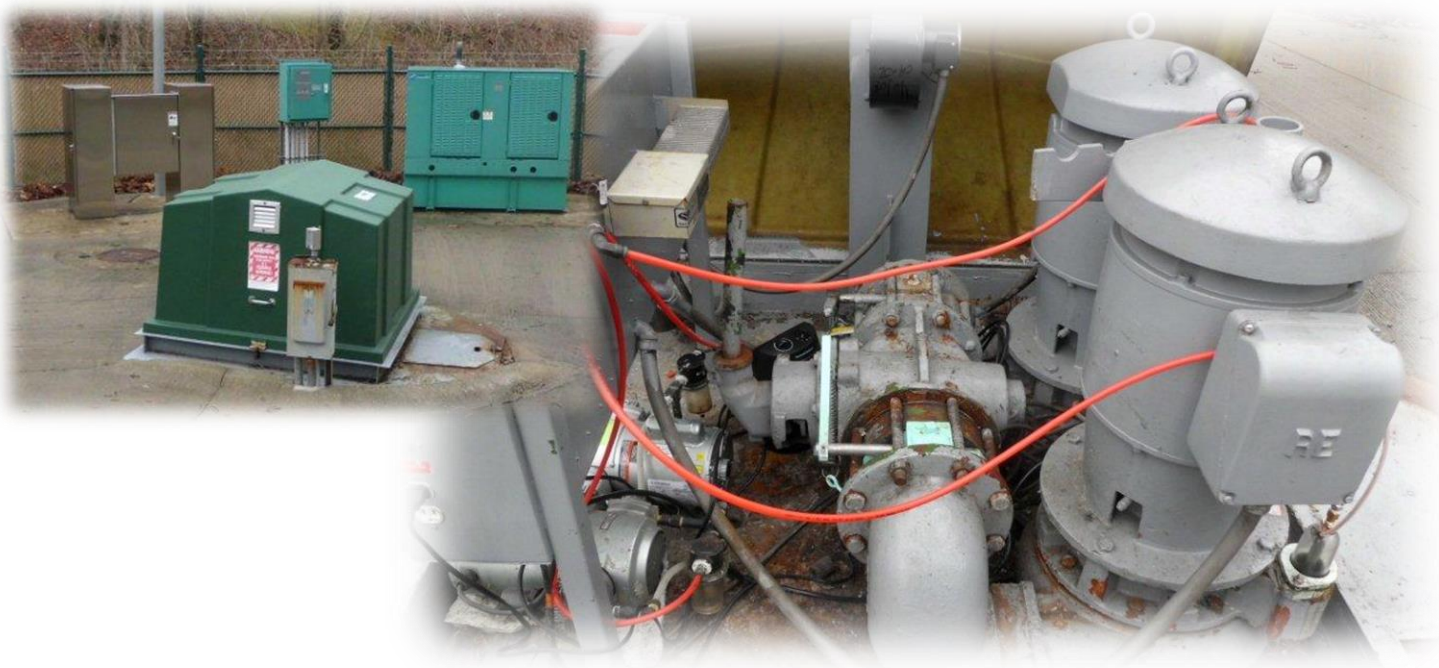
Fund: Wastewater
Department: Wastewater
Location: St. Luke’s Lift Station

Project Cost: \$150,000 | **Outside Funding:** \$-0- | **City Cost:** \$150,000

Description: Replace Smith and Loveless Lift Station (35 years old in 2020). Lift station frame (can unit) has deteriorated to the point replacement is required. Note: Station was constructed in 1985.

Justification: Replacement of the current station is needed due to age (34 years) of this type of station. Current condition of station makes extensive rehabilitation unfeasible.

Anticipated Benefit: New station will provide increased safety and reliability as well as increased pumping efficiency. Station will be re-engineered to conform to new service area and to better address the flow requirements of new subdivisions and the Quail Ridge Park Lift Station.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$150,000	-	-	-	\$150,000	-

TREATMENT UNIT NO. 3 CLARIFIER REHAB

Fund: Wastewater

Department: Wastewater

Location: Water Reclamation Center

Project Cost: \$50,000 | **Outside Funding:** \$-0- | **City Cost:** \$50,000

Description and Justification: Rehabilitation of 20-year-old treatment unit 3 clarifier as a preventative maintenance measure for continued and efficient operations until removal from service during the 2030 plant capacity expansion.

Anticipated Benefit: To prevent expensive contracted expenses, maintain compliance with current NPDES permits and avoid Missouri DNR and EPA violations.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$50,000	-	-	-	\$50,000	-

HVAC UNITS

Fund: Wastewater

Department: Wastewater

Location: Water Reclamation Center

Project Cost: \$15,000 | **Outside Funding:** \$-0- | **City Cost:** \$15,000

Description and Justification: Replacement of the Water Reclamation Center building's HVAC units nearing end of life cycle in the UV building and blower building. The replacement unit will be 8-10 tons for the UV building's secondary unit installed in 2007 and for the blower building #3 installed in 2012.

Anticipated Benefit: To prevent expensive contracted expenses and extensive downtime.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$15,000	-	-	-	\$15,000	-

DUCKETT CREEK PARTNERSHIP

Fund: Wastewater

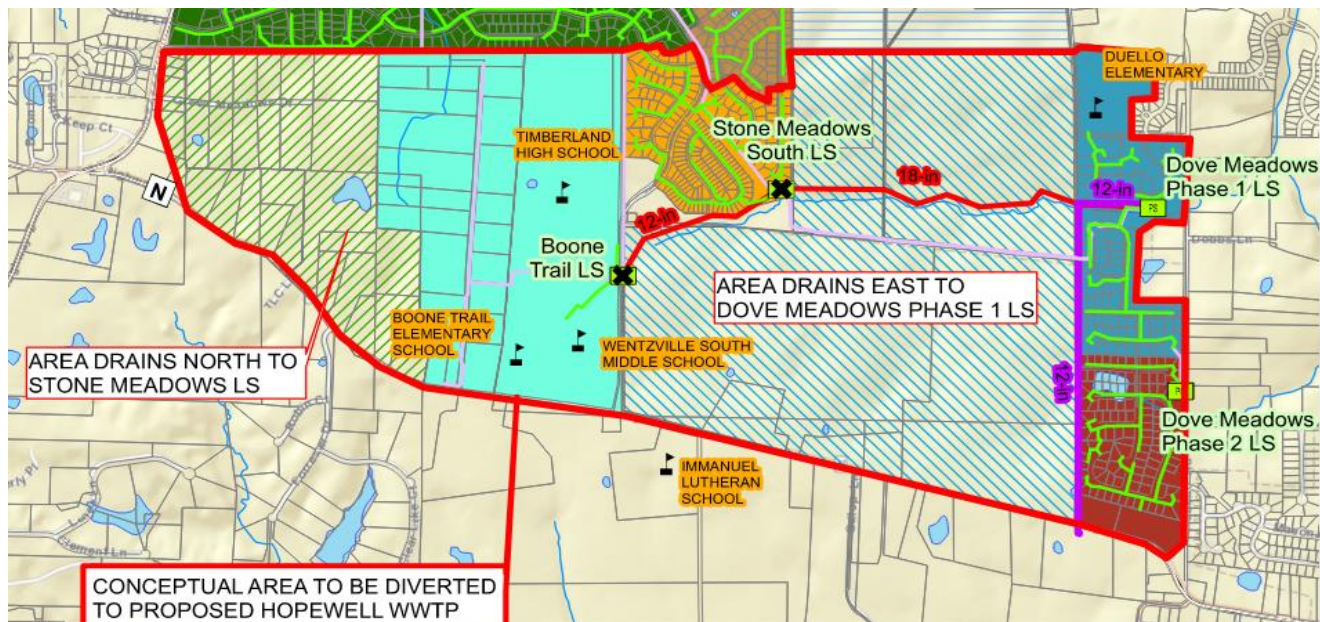
Department: Wastewater

Location: Portions of Stone Meadows and all of Dove Meadows Subdivision to a Future Wastewater Treatment Plan in the Hopewell Sewershed

Project Cost: \$3,700,000 | **Outside Funding:** \$-0- | **City Cost:** \$3,700,000

Description and Justification: A potential partnership with Duckett Creek Sanitary Sewer District to provide sanitary sewer flows from a portion of Stone Meadows and all of Dove Meadows Subdivisions to a future Wastewater Treatment Plant in the Hopewell Sewershed that will be constructed by Duckett Creek Sanitary Sewer District. Redirecting sanitary sewerage to the Hopewell Treatment Facility will aid Duckett Creek by having consistent base flow conditions at the facility.

Anticipated Benefit: This partnership will make available additional treatment capacity at the City of Wentzville Water Reclamation Center and potentially defer the need for a subsequent Phase IV expansion of the City of Wentzville Water Reclamation Center.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$3,700,000	-	-	-	-	\$3,700,000

WET WEATHER STORAGE BASIN

Fund: Wastewater
Department: Wastewater
Location: Water Reclamation Center

Project Cost: \$2,500,000 | **Outside Funding:** \$-0- | **City Cost:** \$2,500,000

Description and Justification: 3-million-gallon wet weather storage basin to enable the Reclamation Center to manage increasing flows during extreme wet weather events and treatment unit repairs.

Anticipated Benefit: This will reduce operations and maintenance costs associated with elevated high flows during extreme wet weather events and repairs, and will enable the City to maintain compliance with current NPDES permit and avoid MODNR and EPA violations.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$2,500,000	-	-	-	-	\$2,500,000

PARR ROAD LIFT STATION REPLACEMENT

Fund: Wastewater

Department: Wastewater

Location: Parr Road

Project Cost: \$150,000 | **Outside Funding:** \$-0- | **City Cost:** \$150,000

Description and Justification: Replace Smith & Loveless Lift Station. The lift station frame has deteriorated to the point where replacement is required. City will replace with similar design station.

Anticipated Benefit: New station will provide increased safety and reliability as well as increased pumping efficiency. Existing Smith and Loveless design will prove acceptable and cost effective at this site due to the longevity of the previous station and the flow characteristics of RK Stratmann (sole user).



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$150,000	-	-	-	-	\$150,000

LIFT STATION SPARE PUMPS, VFDs & REPLACEMENT

Fund: Wastewater

Department: Wastewater

Location: Lift Stations Citywide

Project Cost: \$563,000 | **Outside Funding:** \$-0- | **City Cost:** \$563,000

Description: Replacement and spare pumps, variable frequency drives and related equipment for the Wastewater Reclamation Center and Collections Systems.

Justification: These pumps and VFDs are being budgeted to replace due to age or lack of a spare pump, increased flows, repair, and rebuild history, new pump designs that increase electrical and hydraulic efficiency, and the ability of pumps to pump solids and debris commonly removed from the existing pumps.

Anticipated Benefit: Replacement of these pumps will increase efficiency, flow rate and reliability of the related stations for the City and reduce maintenance and repair costs associated with older pumps.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$563,000	\$122,000	\$100,000	\$120,000	\$121,000	\$100,000

DEWATERED BIOSOLIDS APPLICATOR WITH SCALE

Fund: Wastewater

Department: Wastewater

Location: Citywide

Project Cost: \$75,000 | **Outside Funding:** \$-0- | **City Cost:** \$75,000

Description and Justification: Purchase of a larger commercial manure type spreader. The current spreader is on the smaller side for the amount of cake being producing. By adding this spreader and still using the older spreader, the City will be able to keep up. This spreader has the capability to spread ag-lime, so the City would no longer have to contract that out.

Anticipated Benefit: This will increase the amount of dewatered biosolids that can be applied per pass which increases efficiency and also reduces the trips to and time in the fields. Another benefit by adding the scale is a more accurate way of tracking the amount of dewatered biosolids being applied and greatly improves the overall accuracy of the City's biosolids management program. This will also allow the City to spread all of its own lime in the years to come and will eliminate the need for hiring out lime application.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$75,000	\$75,000	-	-	-	-

20' PULL BEHIND DISC

Fund: Wastewater

Department: Wastewater

Location: Water Reclamation Center

Project Cost: \$48,000 | **Outside Funding:** \$-0- | **City Cost:** \$48,000

Description and Justification: Purchase of a larger disc to help incorporate biosolids more efficiently.

Anticipated Benefit: Allows the Wastewater Division to incorporate biosolids and prepare fields for drying at a much efficient rate. The equipment improves efficiency and productivity by minimizing time and trips in the fields.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$48,000	\$48,000	-	-	-	-

MINIMUM TILL RIPPER

Fund: Wastewater

Department: Wastewater

Location: Water Reclamation Center

Project Cost: \$13,000 | **Outside Funding:** \$-0- | **City Cost:** \$13,000

Description and Justification: Purchase of a minimum till ripper to allow staff to “rip” the soil much deeper than our current disk in an effort to reduce compaction and allow for the nutrients and moisture to absorb deeper into the soil.

Anticipated Benefit: This will increase the crop production on the fields which helps the City financially through the farming agreement and the more crops grown, the more biosolids that are able to be applied.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$13,000	\$13,000	-	-	-	-

METROTECH VLOC/9800 LOCATOR

Fund: Wastewater

Department: Wastewater

Location: Citywide

Project Cost: \$5,500 | **Outside Funding:** \$-0- | **City Cost:** \$5,500

Description: Metrotech v/Loc 9800 locator used for locating water and sewer mains for Missouri One Call.

Justification: Locators are on a five-year replacement plan.

Anticipated Benefit: Cycling out locators at five years keeps the City up to date on the utility-locating technology to protect the water and sewer mains from damage.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$5,500	-	\$5,500	-	-	-

CRANE TRUCK 4X4

Fund: Capital

Department: Wastewater

Project Cost: \$125,000 | **Outside Funding:** \$-0- | **City Cost:** \$125,000

Description: Crane truck replacement

Justification: The truck will be used to conduct field and emergency heavy-duty operations. It is required that the truck have electric brake controller, HD class V hitch, and emergency LED light added to the truck. Replacing 2009-year-old crane truck at the Wastewater Plant.

Anticipated Benefit: Rotating out 10-year-old trucks in 2020 will reduce repair cost and improve reliability for emergency service.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$125,000	\$125,000	-	-	-	-

SEWER JET TRAILER

Fund: Capital

Department: Wastewater

Project Cost: \$90,000 | **Outside Funding:** \$-0- | **City Cost:** \$90,000

Description and Justification: Replacement of sewer jet trailer purchased in 2006 to reduce maintenance costs for the old 17-year-old trailer.

Anticipated Benefit: Replacement of the City's sewer jet trailer will increase efficiency, productivity, safety, and reliability of the Collections Division's sewer jetting and maintenance programs.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$90,000	\$90,000	-	-	-	-

UTV AND TRAILER

Fund: Capital

Department: Wastewater

Project Cost: \$25,000 | **Outside Funding:** \$-0- | **City Cost:** \$25,000

Description and Justification: Purchase of a UTV and trailer for creek crossings, trunk line inspections and amp, manhole inspections, easement maintenance and repairs.

Anticipated Benefit: Improve reliability, efficiency, productivity and time management.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$25,000	\$25,000	-	-	-	-

ONE-TON 4X4 SERVICE PICKUP TRUCK

Fund: Capital

Department: Wastewater

Project Cost: \$138,000 | **Outside Funding:** \$-0- | **City Cost:** \$138,000

Description and Justification: One-ton service trucks will be used to conduct field maintenance and emergency heavy-duty operations and will include an electric brake controller, HD class V hitch and emergency LED lights.

Anticipated Benefit: Rotating out 10-year-old trucks will reduce repair costs and improve reliability for emergency service.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$138,000	\$45,000	-	\$46,000	-	\$47,000

SKID STEER AND BRUSH HOG

Fund: Capital

Department: Wastewater

Project Cost: \$100,000 | **Outside Funding:** \$-0- | **City Cost:** \$100,000

Description and Justification: Purchase of skid steer and brush hog for sanitary sewer, manhole repair projects and easement maintenance.

Anticipated Benefit: Replacement of a 14-year old skid steer to improve reliability, efficiency, productivity while also minimizing downtime and expensive repairs.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$100,000	-	\$100,000	-	-	-

1/2-TON CREW CAB 4X4 PICKUP TRUCK

Fund: Capital

Department: Wastewater

Project Cost: \$73,000 | **Outside Funding:** \$-0- | **City Cost:** \$73,000

Description and Justification: Purchase of a 1/2-ton crew cab truck to replace current 10-year-old trucks. Trucks will be used to conduct field maintenance and emergency heavy-duty operations and will include an electric brake controller, HD class V hitch, and emergency LED lights.

Anticipated Benefit: Rotating out 10-year-old trucks will reduce repair costs and improve reliability for emergency service.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$73,000	-	\$36,000	-	\$37,000	-

MINI-EXCAVATOR

Fund: Capital

Department: Wastewater

Project Cost: \$100,000 | **Outside Funding:** \$-0- | **City Cost:** \$100,000

Description and Justification: Purchase of a replacement mini-excavator for sanitary sewer and manhole repair projects.

Anticipated Benefit: Allows the Wastewater Division to maintain the high level of repair service to Wentzville residents by having a reliable piece of equipment for projects and emergency repairs. The equipment improves reliability, efficiency and productivity by minimizing downtime and expensive repairs.



FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$100,000	-	-	-	\$100,000	-

ZERO-TURN MOWER

Fund: Capital

Department: Wastewater

Project Cost: \$12,000 | **Outside Funding:** \$-0- | **City Cost:** \$12,000

Description and Justification: Purchase of a new replacement zero-turn mower for cutting grass at Reclamation Center and Lift Stations.

Anticipated Benefit: Allows the Wastewater Division to maintain the Reclamation Center and Lift Station grounds citywide.

FUNDING SCHEDULE					
Total	2022	2023	2024	2025	2026
\$12,000	-	-	-	-	\$12,000



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