The City of Blue Springs Missouri

2023-2024 Capital Improvements Program













City Council

Carson Ross	Mayor
Jerry Kaylor	District 1
Galen Ericson	District 1
Kent Edmondson	District 2
Chris Lievsay	District 2
Susan Culpepper	District 3
Ronald Fowler	District 3

Capital Improvement Committee

Christine Cates, Interim City Administrator
Lori Turner, Budget Analyst

Dennis Dovel	Director of Park and Recreations
Adam Hilgedick	Assistant Director of Public Works
William Jakubec	Director of Information Technology
Mike Mallon	Director of Community Development
Bob Muenz	Chief of Police

Introduced by Councilmember Culpepper BILL NO. 5096

ORDINANCE NO. 5224

AN ORDINANCE ADOPTING THE CITY OF BLUE SPRINGS CAPITAL IMPROVEMENTS PROGRAM FOR FISCAL YEARS 2023-2024 to 2027-2028

WHEREAS, the Home Rule Charter of the City of Blue Springs requires the City Administrator to prepare and submit a Capital Improvements Program (CIP) to the Mayor and City Council; and

WHEREAS, the City Council held a public hearing June 5, 2023, to receive comments about the proposed Capital Improvements Program for Fiscal Years 2023-2024 through 2027-2028.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BLUE SPRINGS, MISSOURI, as follows:

SECTION 1. The City Council hereby adopts the Capital Improvements Program (CIP) for Fiscal Years 2023-2024 through 2027-2028; said CIP is hereby incorporated herein by reference as if fully set out in this Ordinance.

SECTION 2 Scrivener's Errors. Typographical errors and other matters of a similar nature that do not affect the intent of this Resolution, as determined by the City Clerk and City Attorney, may be corrected with the endorsement of the City Administrator without the need to come before the City Council.

SECTION 3. This ordinance shall be in full force and effect from and after its passage and approval.

PASSED by the City Council of the City of Blue Springs, Missouri, and approved by the Mayor of Blue Springs, this 5th day of June 2023.

CITY OF BLUE SPRINGS

Carson Ross, Mayor

ATTEST:

Erin Ford, Deputy City Clerk

1st Reading: June 5, 2023
2nd Reading: June 5, 2023

CAPITAL IMPROVEMENT PROGRAM

Capital improvement programming is a cornerstone of sound financial planning and local government fiscal policy. It also is an effective planning tool to assist communities identify and prioritize immediate and long-term needs in the context of existing capacity and resources and facilitates the formulation of long-term strategies to address trends and changes in service level demands.

The Capital Improvement Program (CIP) provides a linkage between planning, budgeting, and implementation that maximizes efficiency and effectiveness. It enables the City to identify opportunities and constraints and leverage those opportunities to develop strategies that address priorities and demonstrates good stewardship of scarce public resources.

The CIP covers a five-year planning period and is re-evaluated and adopted each year to reflect changing needs, new opportunities and City Council priorities and goals. The CIP does not appropriate funds; rather it functions as a planning and budgeting tool, with support of appropriations made through the adoption of the annual City budget in September.

The CIP program continues to focus on maintenance-related items and replacement of mission-critical equipment with limited investment in new infrastructure, equipment, or programming.

PLAN REVIEW AND ADOPTION

The proposed CIP has been presented to the Planning Commission and conforms to the Comprehensive Plan. In April 2022, after review of all boards and commission the CIP review committee was eliminated as one of the informal review steps of the CIP development process. In lieu of the CIP Review Committee, the preliminary draft of the CIP will be discussed and reviewed with City Council members prior to the formal public hearing, typically in May. The proposed CIP will then be submitted to the City Council for the formal public hearing and is officially adopted by the City Council after all necessary adjustments have been made. The first year of the adopted CIP is incorporated into the annual budget adopted each year in mid-September by the City Council and made effective October 1. It should be noted that although the process accounts for the evaluation of projects against established criteria, available funds, and public comment, the City Council can, as they deem necessary and appropriate through the adoption process, change any recommended project or reallocate projects to achieve the goals of the City Council.

The adopted CIP represents an annual plan of projects anticipated to be funded and completed in a given year. However, in the event priorities change between adoption of the CIP and the annual budget, the CIP can be amended by the Council to reflect these changes.

There is a direct connection between the CIP and guiding community and organizational plans and documents (e.g. City Charter, 2014 Comprehensive Plan, Governing Body Strategic Framework and trends and priorities identified in the DirectionFinder citizen surveys, etc.)

Strategic Plan Framework

The City Council adopted the Governing Body Strategic Framework in 2015. The Framework was informed by resident and stakeholder feedback (e.g. 2014 DirectionFinder Survey, 2015 Economic Development Summit, etc.) and builds upon previous community visioning exercises. In October 2021, the City Council reviewed and updated the 2015 plan and adopted the 2021 Strategic Plan Framework. This document outlines eight strategic priority areas over next five years:

1. Public Safety: Maintain high level of public safety for citizens as safe neighborhoods are the cornerstone of a quality community.

2. Infrastructure: Plan and invest in infrastructure to support neighborhoods and business activity.
3. Housing: Facilitate the development of housing for all ages.
4. Neighborhood Preservation: Preserve and strengthen neighborhoods and neighborhood centers.
5. Parks & Recreation: Increase access to open space and recreational amenities to promote a healthy community.
6. Revenue Stability: Create a sustainable revenue structure with adequate, stable and diverse revenue sources.
7. Development and Redevelopment: Grow & diversify Blue Springs' business sectors to achieve sustained economic prosperity and increase business tax base in key transportation corridors and downtown.
8. Internal Operations and City Workforce: Identify opportunities and develop strategies for enhancing the quality-of-service delivery to better meet citizen needs and expectations.

Comprehensive Plan

The Comprehensive Plan is an official public document adopted by the Planning Commission provided to guide the physical development of the community. The Comprehensive Plan indicates, in general, how the citizens of the community want the City to improve in the near-term and long-term up to 20 years. The plan provides a rational and comprehensive guide for the physical development of the City that fosters quality growth, conservation, and redevelopment throughout the City and its Planning Area and the CIP is an important tool that assists in implementing those goals and objectives.

Adopted by the Planning Commission in February 2003, and updated in 2014, the Comprehensive Plan presents strategies and recommendations for future and existing development throughout the City and beyond. The plan was prepared in order to meet several local planning objectives, including delineating citywide, long-range planning goals and strategies.

The City of Blue Springs adopted our most recent Comprehensive Plan in 2014. The Comprehensive Plan should be updated every three to five years to address current development trends and the ever-changing needs and desires of the community. A Comprehensive Plan Update (CD-01) is funded in the FY 2023-2024 CIP to maintain the 10-year update cycle.

Area Plan

In 2004, the City developed a future land use plan for the City's growth areas. The Area Plan provides principles and policies to guide the City in its future growth. The CIP directly addresses many of these policies, especially those related to transportation enhancement, natural resources utilization, and provision of public services. In 2009 the Future Land Use Map portion of the Area Plan document was added to the Comprehensive Plan document.

Parks and Open Space Master Plan

The Parks and Open Space Master Plan was completed in the Fall of 2016. The plan provides a 10-year vision for parks, recreation, open space and trails, as well as an action plan for implementing this vision. In addition, in 2020, two Parks master plans, including plans for Southwest Park and Roscoe Righter Park, as well as an Aquatics Facility study, were completed to evaluate the future needs for parks and recreation.

FUNDING SOURCES AND STRATEGIES

General Fund: The General Fund is the general operating fund of the City. It is used to account for all financial resources (assets, liabilities, revenues, and expenditures) except those required to be accounted for in another fund. The General Fund includes expenses attributed to governmental operations such as personnel and routine operating costs generally associated with Administration, Planning, Public Safety, Public Works/Engineering, Street Maintenance, and Parks and Recreation.

Debt Service Fund: Debt Service Funds are used to account for the accumulation of resources for, and the payment of, principal, interest and other related costs of the City's bonds, other than bonds payable from the operations of the Proprietary Fund Types.

Capital Project Fund: Capital Project Funds are used to account for financial resources segregated for the acquisition or construction of major capital facilities other than those financed by enterprise operations.

Enterprise Fund: Enterprise funds are used to account for operations that provide a service to citizens financed primarily by a user charge for the provision of that service, and activities where the periodic measurement of net income is deemed appropriate for capital maintenance, public policy, management control, accountability or other purposes. The City's Enterprise Funds include the Water Utility Fund, Sewer Utility Fund, Fieldhouse Fund, and the Golf Course Fund.

Internal Service Fund: An Internal Service Fund accounts for the financing of goods or services provided by one department or agency to other departments or agencies of the City, or to other governmental units, on a cost reimbursement basis. The City's Fleet Maintenance Fund is used to account for all the expenses relating to motor vehicles, including replacement and routine maintenance and repairs.

Park Sales Tax Fund: Park Sales Tax Fund accounts for the accumulation and disbursement of the City's ½ cent Park Sales Tax that is dedicated to improvements and deferred maintenance of the City's Park system. In April 2017, Blue Springs voters approved a 5-year sales tax dedicated to deferred maintenance of the City's Park system. In April 2021, voters renewed the sales tax in perpetuity.

Public Safety Sales Tax Fund: Public Safety Sales Tax Fund accounts for the accumulation and disbursement of the City's ½ cent Public Safety Sales Tax that can only be used for Public Safety purposes.

ALTERNATIVE FUNDING SOURCES

Special Grants from Federal or State Programs: Occasionally, special grants are available from the federal or state government in support of local development and improvement efforts. The City will continue to apply for grants to leverage resources to their fullest extent.

Federal Community Development Block Grant(CDBG): The City's most recent population estimate is 58,603 and therefore eligible for CDBG funding as an entitlement community through HUD. These funds must be programmed for low-moderate income areas and activities within the City. These funds have historically been directed towards downtown infrastructure and building improvements, such as street lights, sidewalks, and façade rehabilitation. Unexpended funds are reprogrammed as soon as possible to meet timeliness requirements for expending funds.

Tax Increment Financing (TIF): Establishment of a district within which additional sales taxes generated by any new development can be used to finance necessary infrastructure improvements.

Special Districts: Establishment of special districts can provide the City with a means of separately financing and implementing improvements within a limited geographic area to meet the need for new or improved public facilities, especially in a developing part of the City.

User Charges: There may be cases where a user fee can be implemented to pay for the improvement of facilities.

Impact Fees: New developments that are expected to generate needs for new or expanded public facilities are required to pay an impact fee for the development or improvement of facilities. This will partially offset the costs associated with increased service level demands in growth areas.

DEBT MANAGEMENT

The City of Blue Springs has a responsibility to its citizens to be good stewards of scarce public resources and exercise prudent fiscal judgment that is rooted in sound financial planning. Capital improvements must be structured by ability to pay in order to maintain fiscal stability.

Like all municipalities, Blue Springs relies on a variety of resources to finance capital projects, such as locally generated revenues (sales and property taxes, fees, and user charges), intergovernmental revenue, grants, and debt issuance. Unlike pay-as-you-go sources of funding, the issuance of debt requires an ongoing revenue stream from which to repay the principal and interest on the debt.

These traditional funding sources will continue to provide the majority of the resources for the CIP. Alternative funding and revenue sources will be needed to augment existing funds in order to meet the City's deferred maintenance needs. The City's level of capital investment is based on the mix and level of the financial resources available to the City. It is critical for the City to actively seek opportunities to broaden the tax base and increase assessed valuation, such as through new revenue-producing development to increase funding necessary to complete the public improvements desired by the community and to continue to successfully leverage grant opportunities.

In determining the type of bond to issue, the following factors should be considered:

- The direct and indirect beneficiaries of the project. A significantly large proportion of citizens should benefit from projects financed from general obligation bonds.
- The time pattern of the stream of benefits generated by the project.
- The revenues that may be raised by alternative types of user charges.
- The cost-effectiveness of user charges.
- The effect of the proposed bond issue on the City's ability to finance future projects of equal or high priority.
- The true interest cost of each type of bond.
- The impact on the City's financial condition and credit ratings.

General Policies for Long Term Debt:

- Long-term borrowing will be confined to construction of capital improvements and acquisition of capital equipment too large to be financed from current revenues.
- Proceeds from long-term debt should only be used for construction project costs, acquisition of other fixed assets, bond issue costs, debt service reserve requirements, and refunding of outstanding bond issues and will not be used for current, ongoing operations.
- Debt will be extinguished within a period not to exceed the expected useful life of the capital project or equipment.
- The City should actively monitor its investment practices to ensure maximum returns on its invested bond funds while complying with Federal arbitrage guidelines.
- The Finance Department should continually monitor outstanding debt issues to verify compliance with debt covenants.
- The City's financial management policies should be oriented to maintain a balanced relationship between issuing debt and pay-as-you-go financing.

Types of Debt

The City of Blue Springs is authorized to issue General Obligation Bonds, Revenue Bonds, and annual appropriation of debt for Leasehold Revenue Bonds and Lease-Purchase Certificates of Participation.

General Obligation Bonds: The City is authorized to issue General Obligation Bonds payable from ad valorem taxes to finance capital improvements and equipment upon a two-thirds majority vote, and on general election dates by a four-sevenths majority vote of the qualified voters. The Missouri State Constitution permits the City to incur general obligation indebtedness for City purposes not to exceed 10 percent of the assessed valuation of taxable tangible property; to incur general obligation indebtedness not to exceed an additional 10 percent for acquiring rights of way; to construct and improve streets, sanitary sewers, and

storm sewers; and to purchase or construct waterworks plants. General obligation, property tax-supported bonding should be used to finance only those capital improvements and long-term assets which have been determined to be essential to the maintenance or development of the City. The City should maintain a General Obligation Debt Service Fund balance that is at least 50 percent of the average annual debt service.

Revenue Bonds: The City is also authorized to issue Revenue Bonds to finance capital improvements for its water and sewer system. These types of Revenue Bonds require a simple majority vote. Revenue Bonds do not carry the full faith and credit of the City in servicing bond indebtedness, and such bonds are not considered in determining the legal debt margin resulting from the 20 percent limitation described above. However, if any taxes are pledged or dedicated to the payment of revenue bonds (e.g., sales taxes, property taxes, etc.) the bonds must be voted as general obligation bonds, the debt limit must be observed, and all bonds must be paid off within 20 years. Revenue supported bonds should be used to limit potential dependence on property taxes for those projects with available revenue sources, whether self- generated or dedicated from other sources. Adequate financial feasibility studies should be performed for each project to provide assurances as to the self-liquidating nature of the project or adequacy of dedicated revenue sources.

Certificates of Participation: Certificates of Participation (COPs) are tax exempt bonds issued by State entities usually secured with revenue from an equipment or facility lease. COPs enable governmental entities to finance capital projects without technically issuing long term debt.

Special Obligation Bonds: Special Obligation bonds are tax exempt bonds that are payable from the pledge of revenues other than locally levied taxes.

CAPITAL EXPENDITURES

In developing a CIP, it is important to distinguish between operating and capital expenses. Generally, these items are defined based on their cost and frequency of occurrence. Operating items are those that represent on-going operating expenses, such as maintenance, outside of one-time capital expenditures. Presented below are the definitions developed specifically for the City of Blue Springs for capital expenses that should be included in the CIP budget:

- Any acquisition of land for public use.
- Any construction of a new public facility (e.g., a public building, a public street, water and sewer lines, parks, play field, or the like) or an addition to, or extension of, such a facility.
- A nonrecurring rehabilitation or replacement of existing public facilities, or major repair of all or a part of a public facility, provided that the cost is $75,000 or more.
- Purchase of major equipment of $75,000 or more (either one item or a number of items with a cumulative one-time purchase of $75,000 or over) and a useful life of 5 years or more. In previous years, this amount was $50,000. Planning, feasibility, engineering, or design studies and services immediately related to an individual capital improvement project.

CIP projects are classified in one of three investment categories: Maintenance, Equipment Replacement, and Capital Improvements.

Investment Categories	Definition
Maintenance	Keeping property, improvements, or equipment in good condition by making repairs, correcting problems, etc.
Equipment Replacement	Property acquired to take the place of other equipment. To qualify as replacement equipment, it must serve the same function as the equipment replaced and must be of the same nature or character, although not necessarily the same model, grade, or quality.
Capital Improvements	Investment in new infrastructure, significant reconstruction, or adds capacity to existing infrastructure

OPERATING BUDGET IMPACT

The City's operating budget provides for general service delivery including personnel costs, supplies, and services. Revenues are primarily derived from recurring taxes, charges for services, investments, and intergovernmental sources. Projected operating and maintenance costs related to capital investments are included in the operating budget. When new, enhanced, or expanded service levels are authorized in the operating budget, additional capital investments are sometimes required. Furthermore, because a portion of the capital budget is funded by current revenues in the operating budget, operating budget decisions have capital budget capacity implications and the City's overall financial position.

The continued development in the southern portion of the City has resulted in a number of new streets that either have been, or will be constructed. The construction of new streets increases the City's service costs for items such as snow removal, street sweeping, street striping, repairs, and street lighting.

The City's storm water collection system continues to deteriorate with respect to repairs handled on a reactionary basis. There is no capacity within the operating budget or CIP for proactive or preventive maintenance programming or significant reconstruction projects. It will be important in the future to identify resources to adequately maintain the City's stormwater system.

Water and sanitary sewer construction and extension will not typically have a significant impact on the operating budget throughout the useful life of these assets. The five-year CIP includes projects that are considered improvements/maintenance to existing facilities and or operational improvements with equipment and metering and will not result in negative impacts to the operating budget and in fact may drive efficiency of the systems.

EVALUATION CRITERIA

A clear set of criteria has been established and is applied in the formulation of the CIP. These criteria reflect community values, priorities, and needs. It is important to note that the criteria, as listed below are weighted as to level of importance—fiscally and developmentally. Each new or revised project was evaluated by staff in accordance with these criteria. When applying these criteria, projects related to maintenance, operational efficiency, and equipment replacement compare favorably to all projects submitted for consideration as part of the CIP.

CIP Project Evaluation Criteria	
Urgency of Need	1. Risk to Public Safety or Health 2. Protection of Property 3. Deteriorated Facility 4. Maintenance Cost Effectiveness 5. Backlog of Deferred Maintenance
Relationship with Other Established Priorities	6. Coordination with Other Projects 7. Completes/Continues Existing Project 8. Priority of City Council/Community Group/Citizen Survey 9. Established Goals and Objectives of the Comprehensive Plan
Fiscal Impact	10. Impact on Operating Budget 11. Impact on Operating Efficiency 12. Economic Development/Jobs Impact 13. Funding Sources
Quality of Life Impact	14. Recreational and/or Community Amenity Opportunity 15. Protection and Conservation of Resources 16. Aesthetic/Design Impact on Community 17. Blight Removal

CAPITAL IMPROVEMENT PROGRAM
FY 2024-2028

The CIP Budget Process for Fiscal Year 2023-2024 followed that of previous year and describes the City's "Priority and Strategic Areas" for long-term maintenance, equipment replacement, and capital investment based upon available resources and the priorities, goals, and objectives of the City Council. Although individual projects are listed and funded by Department (e.g. Community Development, Information Technology, Parks, Streets, Stormwater), this document outlines how they are linked with priorities established within adopted plans and future capital resource and expenditure forecasting.

The 2024-2028 Capital Improvement Program totals $174,474,882 and is 55.6% funded at $97,004,882. The unfunded project total $77,470,000 or 44.4% of the program. The total program is detailed below by both investment category and by the Strategic Framework goal area.

Capital Investment by Category

Category	Funded	Unfunded Capital Needs	Project Type Total
Maintenance	$44,243,782	$19,665,000	$63,908,782
Equipment Replacement	$2,362,100	$785,000	$3,147,100
Capital Improvements	$50,399,000	$57,020,000	$107,419,000
TOTAL	**$97,004,882**	**$77,470,000**	**$174,474,882**

The CIP Program works to advance the stated goals of the Framework; each CIP project sheet indicates the relevant goal(s) targeted.

Projects by Strategic Framework Goal Area

Strategic Frame Work Goal	Funded	Unfunded Capital Needs	Total
Public Safety	$1,485,000	$0	$1,485,000
Infrastructure	$55,197,382	$73,155,000	$128,352,382
Housing	$0	$0	$0
Neighborhood Preservation	$0	$0	$0
Parks & Recreation	$38,072,500	$4,315,000	$42,387,500
Revenue Stability	$0	$0	$0
Development & Redevelopment	$2,000,000	$0	$2,000,000
Internal Operations & City Workforce	$250,000	$0	$250,000
TOTAL	**$97,004,882**	**$77,470,000**	**$174,474,882**

The City carefully evaluates its revenue and spending, and forecasts future revenue trends on an annual basis. Capital improvement programming would not be possible without these projections. The table below presents a summary of the projected available CIP funds for the plan period by fund types.

CIP Programing by Fund						
	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	TOTAL
General Fund	$ 522,000	$ 377,200	$ 282,500	$ 288,000	$ 295,000	$ 1,764,700
Public Safety Sales Tax Fund	$ 1,100,000	$ 85,000	$ 300,000	$ -	$ -	$ 1,485,000
Transportation Sales Tax Fund	$ 7,014,200	$ 5,073,650	$ 9,458,985	$ 4,496,019	$ 4,250,000	$ 30,292,854
Parks Sales Tax Fund	$ 1,450,000	$ 2,407,500	$ 3,875,000	$ 28,850,000	$ 1,300,000	$ 37,882,500
Fieldhouse Fund	$ 190,000	$ -	$ -	$ -	$ -	$ 190,000
Water Fund	$ 1,878,731	$ 2,828,772	$ 1,654,225	$ 2,216,800	$ 1,712,500	$ 10,291,028
Sewer Fund	$ 2,358,800	$ 7,305,000	$ 1,711,500	$ 1,273,500	$ 1,200,000	$ 13,848,800
Marijuana Sales Tax Fund	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 1,250,000
TOTAL	**$14,763,731**	**$18,327,122**	**$17,532,210**	**$37,374,319**	**$9,007,500**	**$97,004,882**

The projected available funds for capital improvement projects are based on the total forecasted revenue of each type less the amount required for the annual operating budget, capital outlay, and existing debt service support.

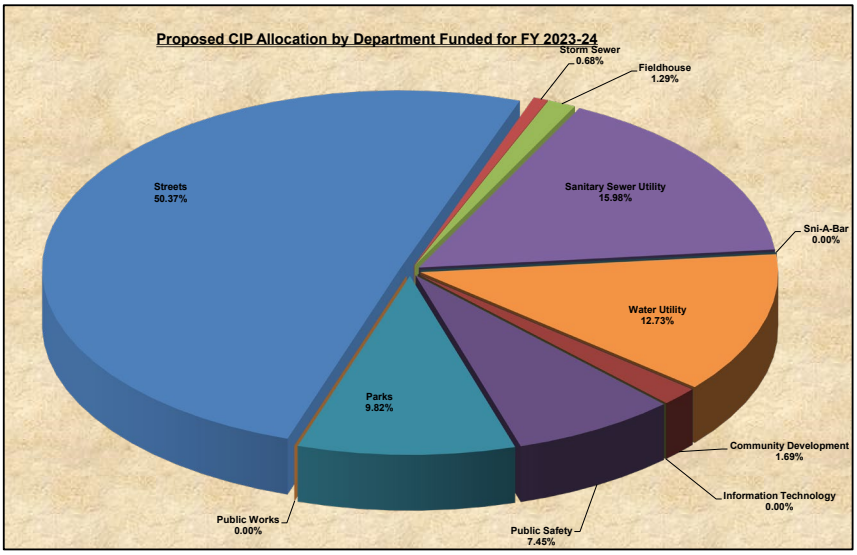
Each year, the CIP process begins with a review of approved funded projects and new projects, which is then compared to the projected available funding sources to determine which capital improvements can be completed in the next five years. Figure 2 below provides a list of the capital improvement projects recommended to be included in the FY 2024-2028 CIP. Only projects recommended for inclusion in the FY 2023-2024 CIP are incorporated into the operating budget for the upcoming fiscal year. Projects recommended to be included in the remaining years will be evaluated each year during the annual CIP process.

FUNDED PROJECTS

The priority and strategic investment areas for projects within the CIP are consistent with City Council priorities that include maintenance and reinvestment in critical infrastructure and assets, replacement of equipment that has reached the end of its useful life, and deployment of infrastructure to facilitate development and provides comprehensive service solutions.

Consistent with past practice, the CIP reflects a balance between an ongoing emphasis on annual pavement management without eliminating other important priorities and needs. However, the capacity to continue this balance on a sustained basis decreases with each year and any flexibility is virtually exhausted. The CIP also reflects the City's philosophy of sound fiscal policies and long-range financial planning. Projects are prioritized to address on-going maintenance, correct an existing deficiency, or replace key equipment necessary to meet the ongoing service level targets.

Summary of Funded Capital Improvement Projects 2024-2028							
Project Name and Number		**FY 2023-24**	**FY 2024-25**	**FY 2025-26**	**FY 2026-27**	**FY 2027-28**	**TOTAL**
CD-01	Comprehensive Plan Update	$ 250,000	$ -	$ -	$ -	$ -	$ 250,000
Community Development Subtotal		**$ 250,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 250,000**
FH-01	Replacement of Fitness Cardio Equipment	$ 190,000	$ -	$ -	$ -	$ -	$ 190,000
Fieldhouse Subtotal		**$ 190,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 190,000**
PS-13	Police Department Locker Room Expansion	$ -	$ -	$ 300,000	$ -	$ -	$ 300,000
PS-14	Police Department Painting	$ 100,000	$ -	$ -	$ -	$ -	$ 100,000
PS-15	Police Department Training/Vehicle Processing	$ 1,000,000	$ -	$ -	$ -	$ -	$ 1,000,000
PS-16	Communications Quality Control System	$ -	$ 85,000	$ -	$ -	$ -	$ 85,000
Public Safety Subtotal		**$ 1,100,000**	**$ 85,000**	**$ 300,000**	**$ -**	**$ -**	**$ 1,485,000**
PR-01	Burrus Old Mill Park Improvements	$ 150,000	$ -	$ -	$ -	$ -	$ 150,000
PR-04	Adams Pointe Golf Club Improvements	$ 100,000	$ -	$ -	$ -	$ -	$ 100,000
PR-13	Keystone Park Improvements	$ 800,000	$ -	$ -	$ 400,000	$ -	$ 1,200,000
PR-14	Baumgardner Park Improvements	$ -	$ -	$ 1,000,000	$ -	$ -	$ 1,000,000
PR-15	Blue Springs Park Improvements	$ -	$ 525,000	$ -	$ -	$ -	$ 525,000
PR-16	Pink Hill Park Improvements	$ -	$ -	$ 400,000	$ 250,000	$ -	$ 650,000
PR-17	Rotary Park Improvements	$ -	$ -	$ 800,000	$ 500,000	$ 800,000	$ 2,100,000
PR-18	Hidden Valley Park Improvements	$ -	$ 1,512,500	$ -	$ -	$ 500,000	$ 2,012,500
PR-20	Ward Park Improvements	$ 400,000	$ -	$ -	$ -	$ -	$ 400,000
PR-49	Parks and Open Space Comprehensive Plan-	$ -	$ -	$ 175,000	$ -	$ -	$ 175,000
PR-71	Southwest Park Construction	$ -	$ -	$ 1,500,000	$ 27,500,000	$ -	$ 29,000,000
PR-72	James Walker School Park Improvements	$ -	$ -	$ -	$ 200,000	$ -	$ 200,000
PR-80	Trail Renovations	$ -	$ 370,000	$ -	$ -	$ -	$ 370,000
Parks Subtotal		**$ 1,450,000**	**$ 2,407,500**	**$ 3,875,000**	**$ 28,850,000**	**$ 1,300,000**	**$ 37,882,500**
ST-06	Pavement Management Program	$ 2,050,000	$ 2,625,000	$ 2,950,000	$ 4,500,000	$ 4,500,000	$ 16,625,000
ST-18	Wyatt Road East, 7 Highway to Adams Dairy	$ 5,000,000	$ -	$ -	$ -	$ -	$ 5,000,000
ST-24	Snow Plow / Dump Truck	$ 172,000	$ 177,200	$ 182,500	$ 188,000	$ 195,000	$ 914,700
ST-26	1.5 Ton Dump / Snow Truck	$ -	$ 100,000	$ -	$ -	$ -	$ 100,000
ST-43	7 Highway Sidewalk Infill	$ -	$ 850,000	$ -	$ -	$ -	$ 850,000
ST-44	Concrete Repair and Maintenance	$ 443,200	$ 460,665	$ 474,485	$ 502,819	$ -	$ 1,881,169
ST-52	AA Highway Improvement	$ -	$ 1,625,000	$ 6,500,000	$ -	$ -	$ 8,125,000
Streets Subtotal		**$ 7,665,200**	**$ 5,837,865**	**$ 10,106,985**	**$ 5,190,819**	**$ 4,695,000**	**$ 33,495,869**
STM-06	Stormwater Maintenance	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 500,000
Stormwater Subtotal		**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 500,000**
BF-19	Public Utilities Building - Phase II	$ 1,099,800	$ 1,959,600	$ -	$ -	$ -	$ 3,059,400
SAN-07	Citywide Maintenance	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 5,000,000
SAN-10	Combining Flushing Vacuum Truck	$ -	$ -	$ 450,000	$ -	$ -	$ 450,000
SAN-17	12,000 lb. Hydraulic Excavator	$ -	$ 70,400	$ -	$ 73,500	$ -	$ 143,900
SAN-19	Sewer Infrastructure Deployment	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 1,000,000
SAN-20	Hydraulic Track Loader	$ 59,000	$ -	$ 61,500	$ -	$ -	$ 120,500
SAN-21	1.5 Ton Service Truck	$ -	$ 75,000	$ -	$ -	$ -	$ 75,000
Sanitary Sewer Utility Subtotal		**$ 2,358,800**	**$ 3,305,000**	**$ 1,711,500**	**$ 1,273,500**	**$ 1,200,000**	**$ 9,848,800**
SNI-01	Sludge Removal	$ -	$ 4,000,000	$ -	$ -	$ -	$ 4,000,000
Sni-A-Bar Subtotal		**$ -**	**$ 4,000,000**	**$ -**	**$ -**	**$ -**	**$ 4,000,000**
BF-19	Public Utilities Building - Phase II	$ 733,200	$ 1,306,400	$ -	$ -	$ -	$ 2,039,600
WA-03	Rubber Tire Front End Loader	$ -	$ -	$ -	$ 180,000	$ -	$ 180,000
WA-04	18,000 lb. class Hydraulic Excavator	$ -	$ 108,000	$ -	$ -	$ -	$ 108,000
WA-12	Miscellaneous Watermain Maintenance	$ 500,000	$ 750,000	$ 1,000,000	$ 1,250,000	$ 1,250,000	$ 4,750,000
WA-14	Water Tank Maintenance Contract	$ 216,531	$ 227,357	$ 238,725	$ 250,000	$ 262,500	$ 1,195,113
WA-17	Water Infrastructure Deployment	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 1,000,000
WA-18	1.5 Ton Service Truck	$ -	$ -	$ -	$ 80,000	$ -	$ 80,000
Water Utility Subtotal		**$ 1,649,731**	**$ 2,591,757**	**$ 1,438,725**	**$ 1,960,000**	**$ 1,712,500**	**$ 9,352,713**
GRAND TOTAL ALL FUNDS		**$ 14,763,731**	**$ 18,327,122**	**$ 17,532,210**	**$ 37,374,319**	**$ 9,007,500**	**$ 97,004,882**



The detailed project sheets for the funded projects start on page 16.

The funded projects in the five-year CIP by department are detailed below and total $97,004,882 for five years and $14,763,731 for FY 2023-24.

Community Development Projects

FY 2023-24 includes $250,000 for CD-01 for the Comprehensive Plan Update. This project is anticipated to begin in summer 2024 and to be completed in 2025.

Project #	Project	Amount
CD-01	Comprehensive Plan Update	**$250,000**

Public Safety Projects

The 5-year CIP includes $1,485,000 for Public Safety projects with $1,100,000 included in FY 2023-24 for the following projects:

Project #	Project	Amount
PS-14	Police Department Painting	$100,000
PS-15	Police Department Training/Vehicle Storage	$1,000,000
	TOTAL	**$1,100,000**

Project PS-15 – Police Department Training/Vehicle Storage was moved from the unfunded to the funded list for FY 2023-24 to be able to construct the building and vacating the warehouse storage building on the lumberyard site. The project budget was increased from $750,000 to $1,000,000 to increase the scope of the project. This project may be built in conjunction with the Public Works Building Expansion – BF-19.

Parks Projects

The 5-year CIP includes $37,882,500 for thirteen Parks projects with $1,450,000 included in FY 2023-24 for the following projects:

Project #	Project	Amount
PR-01	Burrus Old Mill Park Improvements	$150,000
PR-04	Adams Pointe Golf Club Improvements	$100,000
PR-13	Keystone Park Improvements	$800,000
PR-20	Ward Park Improvements	$400,000
	TOTAL	**$1,450,000**

Project PR-80 – Trail Renovations is a new project sheet that combines the project sheets for several trail projects (PR-08, PR-10, PR-35, and PR-77) into one project sheet.

Fieldhouse Projects

FY 2023-24 includes $190,000 for FH-01 for the replacement of cardio equipment in the Fitness Center.

Project #	Project	Amount
FH-01	Replacement of Cardio Equipment	**$190,000**

Street Projects

The 5-year CIP includes $33,495,869 for seven different street projects with $7,665,200 included in FY 2023-

24 for the following projects:

Project #	Project	Amount
ST-06	Pavement Management Program	$2,050,000
ST-18	Wyatt Road East – 7 Hwy to ADP	$5,000,000
ST-24	Snow Plow/Dump Truck	$172,000
ST-44	Concrete Repair and Maintenance	$443,200
	TOTAL	**$7,665,200**

At the January 30, 2023, City Council work session, staff presented three options for the FY 2023-24 Pavement Management Program ST-06. The option that was selected includes allocating funds for ST-18 Wyatt Road East and ST-52 AA Highway Improvements and is incorporated into this 5-year CIP.

During 2023, Stantec will issue its latest report on the comprehensive condition assessment of the City's road network. The assessment rates each segment of road and assigns it a Pavement Condition Index (PCI) and a Pavement Quality Index (PQI) score. The scores will be used to develop the next five-year Pavement Management Program. Every three-five years, the City will perform an assessment of its street network to evaluate progress, condition and effectiveness of the program.

Stormwater Projects

The 5-year CIP includes $500,000 for stormwater maintenance with $100,000 included for FY 2023-24.

Project #	Project	Amount
STM-06	Stormwater Maintenance	**$100,000**

Sanitary Sewer Utility Projects

The 5-year CIP includes $9,848,000 for seven different sanitary sewer projects with $2,358,800 included in FY 2023-24 for the following projects:

Project #	Project	Amount
BF-19	Public Utilities Building – Phase II	$1,099,800
SAN-07	Citywide Maintenance	$1,000,000
SAN-19	Sewer Infrastructure Deployment	$200,000
SAN-20	Hydraulic Track Loader	$59,000
	TOTAL	**$2,358,800**

Capital improvement projects for the utility funds are included in the rate study completed every three years. The most recent study was presented at the July 18, 2022, council meeting and new sewer rates were adopted by Ordinance 5130. The CIP includes $200,000 per year for SAN-19 Sewer Infrastructure Deployment and will accumulate to $1,000,000 but will not increase beyond that until funds are spent below that balance.

Water Utility Projects

The 5-year CIP includes $9,352,713 for seven different water utility projects with $1,649,731 included in FY 2023-24 for the following projects:

Project #	Project	Amount
BF-19	Public Utilities Building – Phase II	$733,200
WA-12	Miscellaneous Watermain Maintenance	$500,000
WA-14	Water Tank Maintenance Contract	$216,531
WA-17	Water Infrastructure Deployment	200,000
	TOTAL	**$1,649,731**

Capital improvement projects for the utility funds are included in the rate study completed every three years. The most recent study was presented at the July 18,2022 council meeting and new water rates were adopted by Ordinance 5131. The CIP includes $200,000 per year for WA-17 Water Infrastructure Deployment and will accumulate to $1,000,000 but will not increase beyond that until funds are spent below that balance.

The funded projects are also shown below by investment category.

Funded Projects by Category-All Years						
Category	**FY 2023-24**	**FY 2024-25**	**FY 2025-26**	**FY 2026-27**	**FY 2027-28**	**Project Area Total**
Maintenance	$ 6,109,731	$ 12,505,522	$ 8,263,210	$ 8,952,819	$ 8,412,500	$44,243,782
Equipment Replacement	$ 421,000	$ 530,600	$ 694,000	$ 521,500	$ 195,000	$ 2,362,100
Capital Improvements	$ 8,233,000	$ 5,291,000	$ 8,575,000	$27,900,000	$ 400,000	$50,399,000
TOTAL	**$14,763,731**	**$18,327,122**	**$17,532,210**	**$37,374,319**	**$9,007,500**	**$97,004,882**

Unfunded Projects

The City's capital investment needs exceed the current level of available funding. Over the five-year plan period, 55.6% of the City's maintenance, infrastructure and equipment needs are addressed. Current resources are not sufficient to address the entirety of the City's capital investment needs. This will result in a gap and will increase over time as City assets continue to age and deteriorate and increased maintenance and replacement costs in the future. Continued expansion in the City's growth areas will place increased demands on the CIP to construct and maintain additional City assets.

While the City is maximizing investments in CIP-related projects, there are unfortunately many important projects that cannot be completed due to resource constraints, Unfunded Capital Projects total $77.5 million.

Summary of Unfunded Capital Projects by Category FY 2023-24 to 2027-28			
Project Number	**Project Name**		**Estimated Project Cost**
PR-79	Backhoe Replacement		$ 140,000
ST-23	Asphalt Repair Truck (Patch Truck)(2 trucks)		$ 565,000
ST-63	Tractor/Mower		$ 80,000
	Equipment Replacement Total		**$ 785,000**
BF-38	Adams Pointe Conference Center - HVAC System Replacement		$ 1,200,000
PR-04	Adams Pointe Golf Club Improvements		$ 2,375,000
PR-33	Rotary Park Lake Dredge		$ 200,000
PR-38	Ward Park Trail		$ 400,000
ST-42	Sunnyside School Road Box Culvert		$ 825,000
ST-43	7 Highway Sidewalk Infill		$ 1,700,000
ST-60	Decorative Streetlight Refinishing		$ 400,000
ST-61	Walnut Street Improvements		$ 8,250,000
ST-62	22nd Street Improvements		$ 2,700,000
STM-05	RD Mize to Vesper Street Storm Sewer		$ 1,250,000
SAN-24	Hidden Pointe II L/S Abandonment and Outfall Line Rehabilitation		$ 365,000
	Maintenance Total		**$ 19,665,000**
ST-01	Adams Dairy Parkway VII (Roanoke to Pink Hill Rd)		$ 5,100,000
ST-07	Vesper Street Improvements		$ 6,300,000
ST-09	Woods Chapel Road (Walnut Street to US 40 Highway)		$ 8,400,000
ST-33	South Outer Road Reconstruction		$ 3,000,000
ST-49	ADP Duncan Road Right Turn Lane		$ 1,725,000
ST-50	Traffic Signal Fiber Line		$ 360,000
ST-55	SW 12th Street Improvements		$ 4,885,000
ST-58	ADP Street Lighting 2 Moreland School Road to Wyatt Road)		$ 2,100,000
ST-59	Signalized Intersection Upgrades		$ 400,000
SAN-22	South Area Sewer Improvements Phase I		$ 21,750,000
WA-09	Pink Hill Reservoir Feed Loop		$ 3,000,000
	Capital Improvements Total		**$ 57,020,000**
	TOTAL UNFUNDED CAPITAL NEEDS		**$ 77,470,000**

Program Changes

There are several changes in the 2024-2028 CIP program from the previous year's program. Beginning this year, the dollar threshold for CIP projects was increased from $50,000 to $75,000.

Several projects were moved from the unfunded to funded list.

Projects Moved from Unfunded to Funded		
Project #	**Project**	**Amount**
ST-18	Wyatt Road East of 7 Highway Right-of-Way	$6,000,000
ST-52	AA Highway Improvement	$8,200,000
PS-15	Police Department Training/Vehicle Processing Building	$1,000,000
ST-43	7 Highway Sidewalk Infill – City portion increased from $600,000 to $850,000	$850,000
	TOTAL	**$16,050,000**

In addition to the inclusion of the funded projects listed above, there are several other projects whose requested amount of funds for the Fiscal Year 2023-24 have changed since the CIP was adopted last year.

	Projects with Updated Project Costs		
Project #	**Project**	**Last Year**	**New Amount**
ST-06	Pavement Management Program	$3,800,000	$2.050,000
ST-44	Concrete Repair and Maintenance	$447,000	$443,200
	TOTAL	**$4,247,000**	**$2,493,200**

The addition of 10 Funded projects for FY 2027-2028:

Projects Added for FY 2027-28		
Project #	**Project**	**Amount**
PR-17	Rotary Park Improvements	$800,000
PR-18	Hidden Valley Park Improvements	$500,000
ST-06	Pavement Maintenance Program	$4,500,000
ST-24	Snow Plow / Dump Truck	$195,000
STM-06	Stormwater Maintenance	$100,000
SAN-07	Citywide maintenance	$1,000,000
SAN-19	Sewer Infrastructure Deployment	$200,000
WA-12	Miscellaneous Watermain Maintenance	$1,250,000
WA-14	Water Tank Maintenance Contract	$262,500
WA-17	Water Infrastructure Deployment	$200,000
	TOTAL	**$9,007,500**

Funded Project Table of Contents
Fiscal Years 2023-24 to 2027-28

Project #	Project Descripton	Department	Project Type
BF-19	Public Utilities Building – Phase II	Sanitary Sewer & Water Utility	Capital Improvement
CD-01	Comprehensive Plan Update	Community Development	Maintenance
FH-01	Replacement of Fitness Cardio Equipment	Parks	Equipment Replacment
PR-01	Burrus Old Mill Park Improvements	Parks	Maintenance
PR-04	Adams Pointe Golf Club Improvements	Parks	Maintenance
PR-13	Keystone Park Improvements	Parks	Maintenance
PR-14	Baumgardner Park Improvements	Parks	Maintenance
PR-15	Blue Springs Park Improvements	Parks	Maintenance
PR-16	Pink Hill Park Improvements	Parks	Maintenance
PR-17	Rotary Park Improvements	Parks	Maintenance
PR-18	Hidden Valley Park Improvements	Parks	Maintenance
PR-20	Ward Park Improvements	Parks	Maintenance
PR-49	Parks and Open Space Comprehensive Plan	Parks	Capital Improvements
PR-71	Southwest Park Construction	Parks	Capital Improvements
PR-72	James Walker School Park Improvements	Parks	Maintenance
PR-80	Trail Renovations	Parks	Maintenance
PS-13	Police Department Locker Room	Public Safety	Capital Improvement
PS-14	Police Department Painting	Public Safety	Maintenance
PS-15	Police Department Training/Vehicle Processing Building	Public Safety	Capital Improvement
PS-16	Communications Quality Control Systems	Public Safety	Maintenance
SAN-07	Citywide Maintenance	Sanitary Sewer	Maintenance
SAN-10	Combination Flushing Vacuum Truck	Sanitary Sewer	Equipment Replacement
SAN-17	12,000lb Hydraulic Excavator	Sanitary Sewer	Equipment Replacement
SAN-19	Sewer Infrastructure Deployment	Sanitary Sewer	Capital Improvements
SAN-20	Hydraulic Track Loader	Sanitary Sewer	Equipment Replacement
SAN-21	1.5 Ton service Truck	Sanitary Sewer	Equipment Replacement
SAN-23	Sewer Flushing Truck	Sanitary Sewer	Capital Improvements
SNI-01	Sludge Removal	Sanitary Sewer	Maintenance
ST-06	Pavement Management Program	Streets	Maintenance
ST-18	Wyatt Road East, 7 Highway to Adams Dairy Parkway	Streets	Capital Improvements
ST-24	Snowplow/Dump Truck	Streets	Maintenance
ST-25	Street Sweeper	Streets	Maintenance
ST-26	1.5 Ton Dump/Snow Truck	Streets	Equipment Replacement

Funded Project Table of Contents Continued

Project #	Project Descripton	Department	Project Type
ST-43	7 Highway Sidewalk Infill	Streets	Maintenance
ST-44	Concrete Repair and Maintenance	Streets	Maintenance
ST-52	AA Highway Improvements	Streets	Capital Improvements
STM-06	Stormwater Maintenance	Streets	Maintenance
WA-03	Rubber Tired Front-End Loader	Water Utility	Equipment Replacement
WA-04	18,000lb class Hydraulic Excavator	Water Utility	Equipment Replacement
WA-12	Miscellaneous Watermain Maintenance	Water Utility	Maintenance
WA-14	Water Tank Maintenance Contract	Water Utility	Maintenance
WA-17	Water Infrastructure Deployment	Water Utility	Capital Improvements
WA-18	1.5 Ton service Truck	Water Utility	Equipment Replacement

Project Title:	Public Utilities Building – Phase II	**Project Number:**	BF-19
Project Type:	Building and Facilities	**Current Year Project Cost:**	$1,833,000
Department:	Public Works	**Funding Source:**	Sanitary Sewer @60% Water Utility @40%
Strategic Plan Priority	Infrastructure		

Description: Design and construction of a 100 ft. x 200 ft. building for Public Utilities on the lot adjacent to the existing Public Works Building. The new building will provide vehicle and equipment storage, locker room facilities, conference\training room and secure storage of repair inventories and critical equipment for the sewer and water departments.

Justification: Water and sewer personnel and equipment currently operate out of the Public Works Building along with street maintenance, storm sewer maintenance, central garage, and administrative staff. The existing building was constructed in 1988 with 18 interior parking stalls and then reduced to 16 in 2000 with the expanded operations of the central garage. Because of growth and current space limitations 13 emergency response vehicles are parked outside exposed to inclement weather. The very nature of the work performed by public works requires that its equipment and personnel respond promptly during the most demanding weather conditions. Outside storage of equipment also leaves this very expensive equipment susceptible to vandalism and theft. Current personnel numbers working out of the Public Works Building exceed the space available for locker room facilities and meeting\training space used for safety training. As newly annexed areas begin developing, additional personnel and equipment will be added. The proper way to address these needs is to require the utilities division to provide the space necessary for its equipment and personnel rather than the General Fund providing for the utility's division. The Engineering Department will be joining the Operations Section to bring the department together as a unit to optimize communication and efficiency. (Cost as of 2022)

Projected Five-Year Cost Schedule

Cost Breakdown	Prior	2023-24	2024-25	2025-26	2026-27	2027-28	Total
Land	$0	$0	$0	$0	$0	$0	$0
Design	$895,000	$0	$0	$0	$0	$0	$895,000
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$1,700,000	$1,833,000	$3,266,000	$0	$0	$0	$6,799,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$2,595,000	$1,833,000	$3,266,000	$0	$0	$0	$7,694,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule

Source	Prior	2023-24	2024-25	2025-26	2026-27	2027-28	Total
Sewer Fund	$1,524,000	$1,099,800	$1,959,600	$0	$0	$0	$4,583,400
Water Fund	$1,071,000	$733,200	$1,306,400	$0	$0	$0	$3,110,600
Total	$2,595,000	$1,833,000	$3,266,000	$0	$0	$0	$7,694,000

Project Title:	Comprehensive Plan Update	**Project Number:**	CD-01
Project Type:	Plan Update	**Current Year Project Cost:**	$250,000
Department:	Community Development	**Funding Source:**	General Fund
Strategic Plan Priority:	Development & Redevelopment		

Description: The City of Blue Springs adopted our most recent Comprehensive Plan in 2014. The Comprehensive Plan should be updated every three to five years to address current development trends and the ever-changing needs and desires of the community.

Justification: The Comprehensive Plan is an official public document adopted by the Planning Commission provided to guide the physical development of the community. The Comprehensive Plan indicates, in general, how the citizens of the community want the city to improve in the near-term and long-term up to 20 years. The plan provides a rational and comprehensive guide for the physical development of the city that fosters quality growth, conservation, and redevelopment throughout the City and its Planning Area. The update is programmed for FY 2023-24 to maintain the 10-year update cycle.



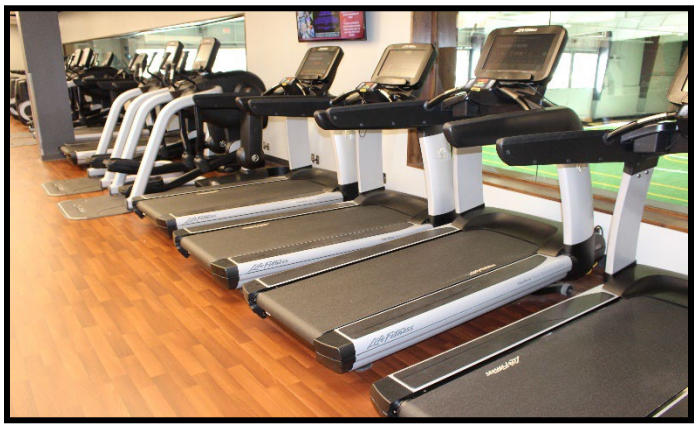
Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$190,000	$250,000	$0	$0	$0	$0	$440,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$190,000	$250,000	$0	$0	$0	$0	$440,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
General Fund	$190,000	$250,000	$0	$0	$0	$0	$440,000
Total	$190,000	$250,000	$0	$0	$0	$0	$440,000

Project Title:	Replacement of Fitness Cardio Equipment	**Project Number:**	FH-01
Project Type:	Capital Improvement	**Current Year Project Cost:**	$190,000
Department:	Parks and Recreation	**Funding Source:**	Fieldhouse Fund
Strategic Plan Priority:	Fieldhouse Operation		

Description: Replacement of original cardio equipment in the Fitness Center.

Justification: The cardio equipment at the Blue Springs Fieldhouse will be 3 years old October 2018. Significant repair issues begin to occur after year of use on cardio equipment. As part of the original operational proforma, it was called out for the cardio equipment to be replaced every 3 years. This is done to reduce time with equipment due to necessary repairs and reduce the cost of maintenance on the equipment. Equipment that is in disrepair frequently causes members to be dissatisfied and cancel memberships, thus reducing operational revenues. Additionally, once the equipment becomes older than three years, the sale/trade in value decrease significantly.



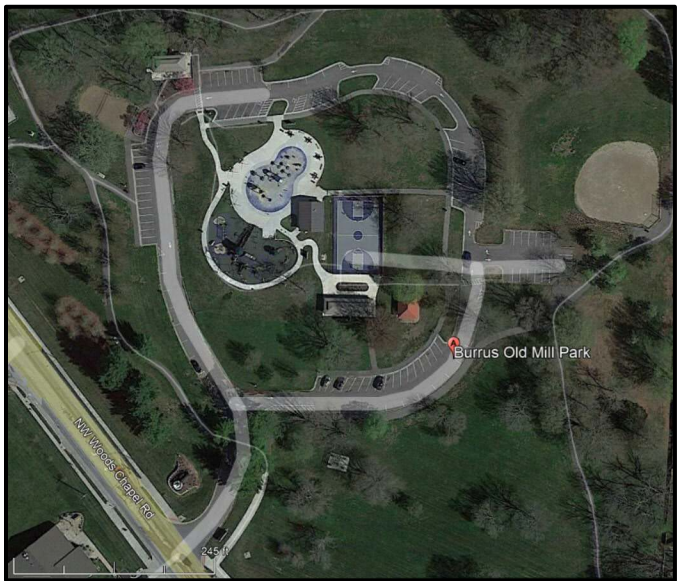
Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$190,000	$190,000	$0	$0	$0	$0	$380,000
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$190,000	$190,000	$0	$0	$0	$0	$380,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Fieldhouse Fund	$190,000	$190,000	$0	$0	$0	$0	$380,000
Total	$190,000	$190,000	$0	$0	$0	$0	$380,000

Project Title:	Burrus Old Mill Park Improvements	**Project Number:**	PR-01
Project Type:	Capital Improvement	**Current Year Project Cost:**	$150,000
Department:	Parks and Recreation	**Funding Source:**	Park Sales Tax
Strategic Plan Priority:	Parks and Recreation		

Description: Installation of parking lot lights and security lights within the park.

Justification: Burrus Old Mill Park was improved in 2019. The Park has seen a significant increase of use since the improvements were made. With the amount of use during night hours, it has become increasing apparent that parking lot lights and security lights around the restroom are needed. The Park has never had lights installed at any point and are needed to improve safety of park users and security of the area.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$150,000	$0	$0	$0	$0	$150,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$0	$150,000	$0	$0	$0	$0	$150,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Park Sales Tax	$0	$150,000	$0	$0	$0	$0	$150,000
Total	$0	$150,000	$0	$0	$0	$0	$150,000

Project Title:	Adam Pointe Golf Club Improvements	**Project Number:**	PR–04
Project Type:	Capital Improvement	**Current Year Project Cost:**	$100,000
Department:	Parks and Recreation	**Funding Source:**	Parks Sales Tax
Strategic Plan Priority:	Parks & Recreation		

Description: Renovations to bunkers, cart paths, club house roof, road repairs to main drive, improvements to the Clubhouse windows and doors and replacement of irrigation pump.
Previously completed in the 2017 Parks Sales Tax program was PR-04 $1,500,000 which included renovations to bunkers, cart paths, club house roof and road repairs to main drive. As part of the renewal of the Park Sales Tax in 2021 the irrigation pump and exterior doors are being replaced in FY2022-23.

Justification: The remaining project in PR-04 is the improvement to the Clubhouse windows to rectify water infiltration into the building.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$85,000	$0	$0	$0	$0	$0	$85,000
Landscape	$1,388,500	$0	$0	$0	$0	$0	$1,388,500
Construction	$0	$100,000	$0	$0	$0	$0	$100,000
Contingency	$111,500	$0	$0	$0	$0	$0	$111,500
Total	$1,585,000	$100,000	$0	$0	$0	$0	$1,685,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0
Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Park Sales Tax	$1,585,000	$100,000	$0	$0	$0	$0	$1,685,000
Total	$1,585,000	$100,000	$0	$0	$0	$0	$1,685,000

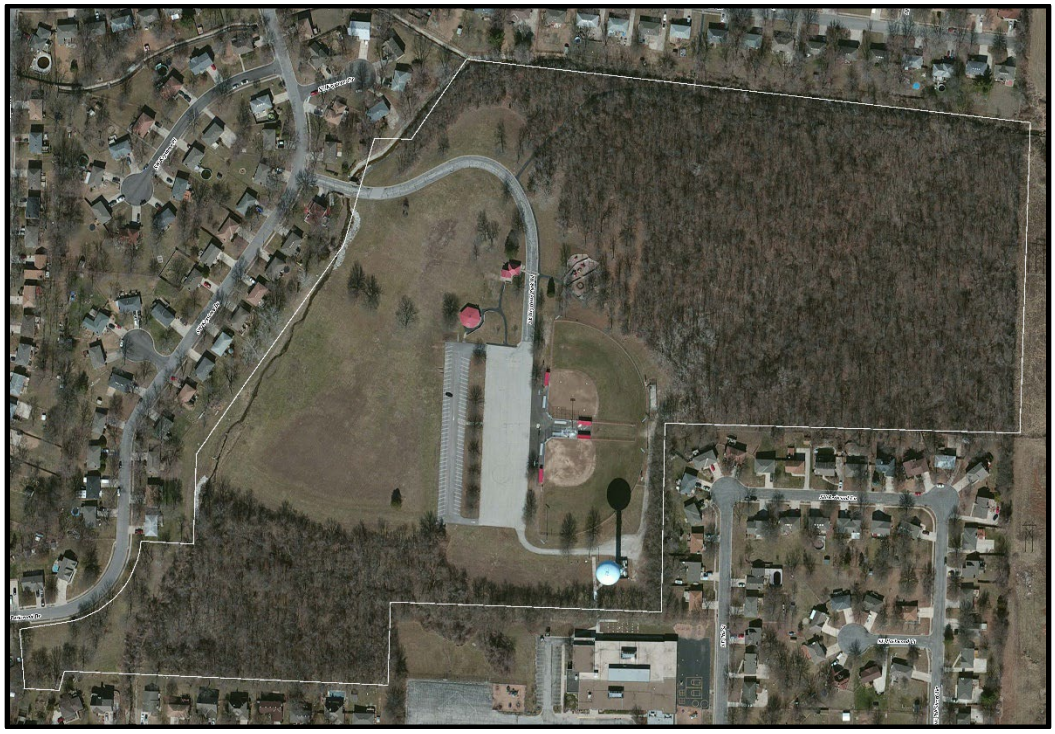
ADAMS POINTE GOLF CLUB IMPROVEMENTS - $100,000

Replace Banquet Room Windows	$100,000
Project Total	**$100,000**

Project Title:	Keystone Park Improvements	**Project Number:**	PR–13
Project Type:	Capital Improvement	**Current Year Project Cost:**	$800,000
Department:	Parks and Recreation	**Funding Source:**	Parks Sales Tax
Strategic Plan Priority:	Parks & Recreation		

Description: Replacement of shelter house, renovations to parking lot and replace playground. Previously completed in the 2017 Parks Sales Tax Program was project PR-13 $610,500 which included the replacement of the park shelter house and renovations to the parking lot.

Justification: Project PR-13 is funding to replace the playground at Keystone Park in FY 2023-24. The current playground is out of compliance with the National Playground Safety Institution standards. Parts are no longer available to make repairs. Replacement of the existing restroom building is also included in the five-year plan in FY 2026-27



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$800,000	$0	$0	$400,000	$0	$1,200,000
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$1,061,000	$0	$0	$0	$0	$0	$1,061,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$1,061,000	$800,000	$0	$0	$400,000	$0	$2,261,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0
Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Park Sales Tax	$1,061,000	$800,000	$0	$0	$400,000	$0	$2,261,000
Total	$1,061,000	$800,000	$0	$0	$400,000	$0	$2,261,000

KEYSTONE PARK IMPROVMENTS - $1,200,000

Keystone Playground Replacement	$800,000
Keystone Restroom Building	$400,000
Project Total	**$1,200,000**

Project Title:	Baumgardner Park Improvements	**Project Number:**	PR–14
Project Type:	Capital Improvement	**Current Year Project Cost:**	$0
Department:	Parks and Recreation	**Funding Source:**	Parks Sales Tax
Strategic Plan Priority:	Parks & Recreation		

Description: Renovations to the parking lot and tennis courts.
Previously completed in the 2017 Parks Sales Tax Program was project PR-13 $350,00 which included repairs to parking lot to maintain driving surface and baseball fields. The Parking Lot was seal coated and restriped in 2023

Justification: Project PR-14 includes tennis court improvements to bring them up to the standard of other existing hard surface courts in Blue Springs. This project is scheduled for FY 2025-26.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$34,000	$0	$0	$0	$0	$0	$34,000
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$316,000	$0	$0	$1,000,000	$0	$0	$1,316,000
Contingency	$35,000	$0	$0	$0	$0	$0	$35,000
Total	$385,000	$0	$0	$1,000,000	$0	$0	$1,385,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0
Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Park Sales Tax	$385,000	$0	$0	$1,000,000	$0	$0	$1,385,000
Total	$385,000	$0	$0	$1,000,000	$0	$0	$1,385,000

BAUMGARDNER PARK IMPROVEMENTS - $1,000,000

Tennis Court Improvements	$1,000,000
Project Total	**$1,000,000**

Project Title:	Blue Springs Park Improvements	**Project Number:**	PR–15
Project Type:	Capital Improvement	**Current Year Project Cost:**	$0
Department:	Parks and Recreation	**Funding Source:**	Parks Sales Tax
Strategic Plan Priority:	Parks & Recreation		

Description: Renovations to parking Lot, replacement of tennis courts as they are closed due to safety and playability concerns and replacement of restroom facilities at Blue Springs Park by playground, replacement of basketball and tennis courts and light poles. The current light poles have structural issues with the foundation being eroded away, thus making the poles suspectable to falling over. Additionally, the current lights are not aimed correctly causing light glare spillage into areas not requiring lighting. The restroom is being replaced in 2023.

Justification: Project PR-15 includes items that were omitted from the 2017 Sales Tax program due to lack of funding. Improvements are required to the ballfield lights and basketball court lights. These improvements are scheduled for FY 2024-25. The current light poles have structural issues with the foundation being eroded away, thus making the poles suspectable to falling over. Additionally, the current lights are not aimed correctly causing light glare spillage into areas not requiring lighting. The shelter houses are past their life expectancy and improvements need to be made to bring them up to the standard of other park facilities.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$1,090,000	$0	$350,000	$0	$0	$0	$1,440,000
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$175,000	$0	$0	$0	$175,000
Contingency	$66,000	$0	$0	$0	$0	$0	$66,000
Total	$1,156,000	$0	$525,000	$0	$0	$0	$1,681,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Park Sales Tax	$1,156,000	$0	$525,000	$0	$0	$0	$1,681,000
Total	$1,156,000	$0	$525,000	$0	$0	$0	$1,681,000

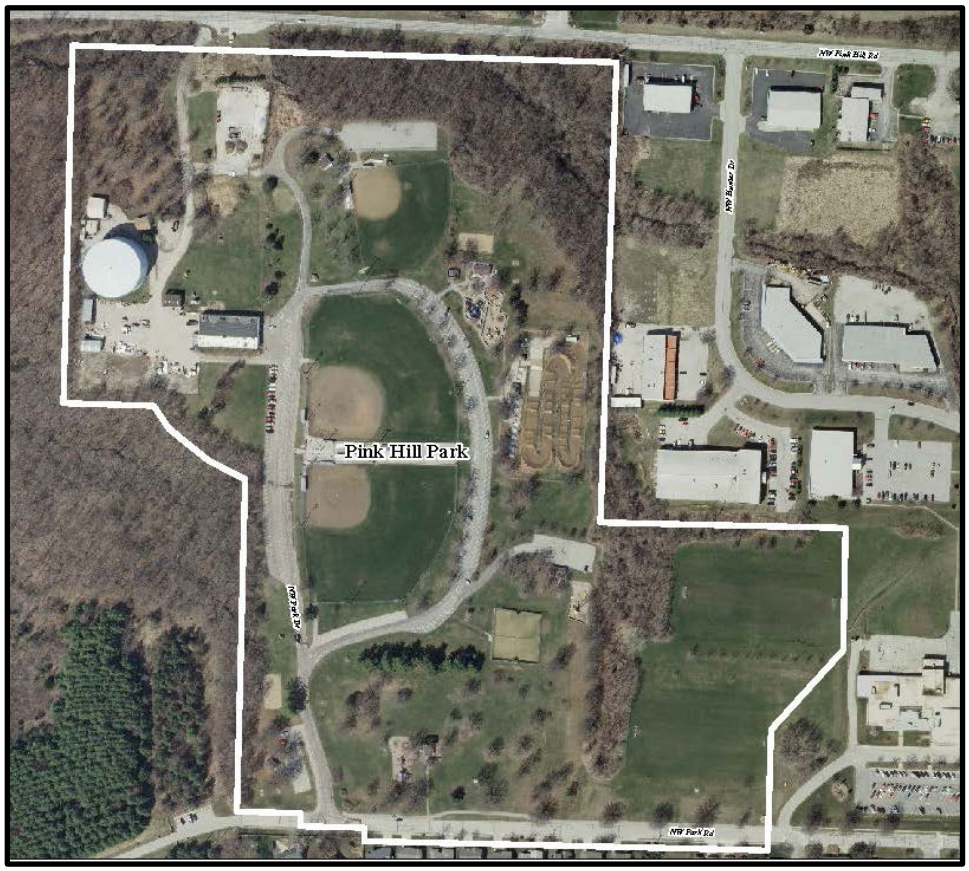
BLUE SPRINGS PARK IMPROVEMENTS - $525,000

Blue Springs Park Shelter Replacement	$175,000
Blue Springs Park Field Lights	$250,000
Blue Springs Park Basketball Court Light Replacement	$100,000
Project Total	**$525,000**

Project Title:	Pink Hill Park Improvements	**Project Number:**	PR–16
Project Type:	Capital Improvement	**Current Year Project Cost:**	$0
Department:	Parks and Recreation	**Funding Source:**	Parks Sales Tax
Strategic Plan Priority:	Parks & Recreation		

Description: Replacement of shelter houses, parking and driveway improvements, Playground #2 renovations, BMX Track fence and bleachers and improvements to Nelson Field. Replacement of shelter houses, parking and driveway improvements, BMX Track fence and bleachers have been completed in FY2022-23. The improvement to Nelson Field Lights and Playground #2 replacement are scheduled for FY2025-26.

Justification: The lights on Nelson Filed are over 30 years old and are no longer aimed in the correct position and the poles are deteriorating. The playground at shelter #2 has reached its life expectancy and is hard to maintain with parts. Improvements are needed to bring into standard with other park improvements.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$1,006,500	$0	$0	$400,000	$0	$0	$1,406,500
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$1,125,500	$0	$0	$0	$250,000	$0	$1,375,500
Contingency	$197,000	$0	$0	$0	$0	$0	$197,000
Total	$2,329,000	$0	$0	$400,000	$250,000	$0	$2,979,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0
Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Park Sales Tax	$2,329,000	$0	$0	$400,000	$250,000	$0	$2,979,000
Total	$2,329,000	$0	$0	$400,000	$250,000	$0	$2,979,000

PINK HILL PARK IMPROVMENTS - $650,000

Pink Hill Park Nelson Field Improvements	$250,000
Pink Hill Park Playground #2	$400,000
Project Total	**$650,000**

Project Title:	Rotary Park Improvements	**Project Number:**	PR–17
Project Type:	Capital Improvement	**Current Year Project Cost:**	$0
Department:	Parks and Recreation	**Funding Source:**	Parks Sales Tax
Strategic Plan Priority:	Parks & Recreation		

Description: Replacement of Gazebo, small playground, renovations to parking lots, renovations to the tennis courts and replacement of the large playground.
PR-17 $660,500 included replacement of the original Gazebo structure, renovations to the parking lot and replacement of the small playground. The gazebo was replaced in FY 2022-23.

Justification: Project PR-17 includes renovations to the tennis courts and replacement of the large playground. Now with additional funds this these items can be improved to alleviate safety concerns. The playground is scheduled for replacement in FY 2025-26, tennis courts are scheduled for renovations in FY 2026-27 and both Shelter and Restroom are scheduled for replacement in FY 2027-28.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$532,500	$0	$0	$800,000	$0	$0	$1,332,500
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$128,000	$0	$0	$0	$500,000	$800,000	$1,428,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$660,500	$0	$0	$800,000	$500,000	$800,000	$2,760,500
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0
Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Park Sales Tax	$660,500	$0	$0	$800,000	$500,000	$800,000	$2,760,500
Total	$660,500	$0	$0	$800,000	$500,000	$800,000	$2,760,500

ROTARY PARK IMPROVEMENTS - $1,466,500

Rotary Park Tennis Court	$800,000
Rotary Park Playground	$500,000
Rotary Park Shelter Replacement	$300,000
Rotary Park Restroom Replacement	$500,000
Project Total	**$2,100,000**

Project Title:	Hidden Valley Park Improvements	**Project Number:**	PR-18
Project Type:	Capital Improvement	**Current Year Project Cost:**	$0
Department:	Parks and Recreation	**Funding Source:**	Parks Sales Tax
Strategic Plan Priority:	Parks & Recreation		

Description: Previously completed in the 2017 Parks Sales Tax Program was project PR-18 $601,000, which included the replacement of playground and signs. Also completed as part of the renewal was the parking lot paving at the soccer fields and football fields. Additionally, roofs have been replaced on the soccer, baseball, and football buildings.

Justification: PR-18 are items that still need to be addressed to alleviate unsafe conditions and bring the facilities up to the standards of the Parks Department. These include concession/restroom improvements to the interior restrooms and serving areas. Additionally, the parking lot at softball needs to be overlaid and improved along with all the fencing surrounding the athletic fields.



0

Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$550,000	$0	$0	$0	$0	$0	$550,000
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$1,402,500	$0	$1,512,500	$0	$0	$500,000	$3,415,000
Contingency	$51,000	$0	$0	$0	$0	$0	$51,000
Total	$2,003,500	$0	$1,512,500	$0	$0	$500,000	$4,016,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0
Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Park Sales Tax	$2,003,500	$0	$1,512,500	$0	$0	$500,000	$4,016,000
Total	$2,003,500	$0	$1,512,500	$0	$0	$500,000	$4,016,000

HIDDEN VALLEY PARK IMPROVEMENTS - $2,012,500

Hidden Valley Concessions & Press Box Roof	$400,000
Soccer Area Parking Lot Improvements	$1,112,500
Fence Replacement	$500,000
Park Total	**$2,012,500**

Project Title:	Ward Park Improvements	**Project Number:**	PR–20
Project Type:	Capital Improvement	**Current Year Project Cost:**	$400,000
Department:	Parks and Recreation	**Funding Source:**	Parks Sales Tax
Strategic Plan Priority:	Parks & Recreation		

Description: Replacement of basketball courts, playground structure, new restroom building and tennis courts.
Previously completed in the 2017 Parks Sales Tax Program was Project PR-20 $482,000 which included replacement of basketball courts, and playground. Additionally, in 2022 the tennis courts were converted into dedicated pickleball courts.

Justification: The restroom facilities at Ward Park need total renovations and replacement. A modular facility is proposed to replace the existing building that will provide year-round facilities for park users.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$435,000	$0	$0	$0	$0	$0	$435,000
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$175,000	$400,000	$0	$0	$0	$0	$575,000
Contingency	$47,000	$0	$0	$0	$0	$0	$47,000
Total	$657,000	$400,000	$0	$0	$0	$0	$1,057,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0
Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Park Sales Tax	$657,000	$400,000	$0	$0	$0	$0	$1,057,000
Total	$657,000	$400,000	$0	$0	$0	$0	$1,057,000

WARD PARK IMPROVMENTS - $400,000

Ward Park Restroom Building	$400,000
Project Total	**$400,000**

Project Title:	Parks, Recreation and Open Space Master Plan - Update	**Project Number:**	PR-49
Project Type:	Plan Update	**Current Year Project Cost:**	$0
Department:	Parks and Recreation	**Funding Source:**	Park Sales Tax

Strategic Plan Priority: Parks and Recreation Future Planning

Description: The City of Blue Springs adopted our most recent Parks, Recreation and Open Space Master Plan in 2016. The Parks, Recreation and Open Space Master Plan was designed to be a 10-year document and should be updated to address current trends in parks and recreation and the community's needs.

Justification: The Parks, Recreation and Open Space Master Plan is an official public document adopted by the Park Commission and City Council to provide guide the Department in meeting the needs of the Community. The plan provides a rational and comprehensive guide for physical development of Parks and Open Space as well as direction for programming and fiscal responsibilities and needs. The plan fosters quality growth, conservation, and development throughout the City. The update is programmed for FY 2025-26 to maintain the 10-year update cycle.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$175,000	$0	$0	$175,000
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$0	$0	$0	$175,000	$0	$0	$175,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Park Sales Tax	$0	$0	$0	$175,000	$0	$0	$175,000
Total	$0	$0	$0	$175,000	$0	$0	$175,000

Project Title:	Southwest Park Construction	**Project Number:**	PR-71
Project Type:	Capital Improvement	**Current Year Project Cost:**	$0
Department:	Parks and Recreation	**Funding Source:**	Parks Sales Tax

Strategic Plan Priority: Parks and Recreation Master Plan

Description: The construction of Southwest Park was included in the 2021 Park Sales Tax renewal program. This will provide a park in southern Blue Springs. The design was completed in 2020 originally PR-71
and provided to the public prior to the Sales Tax renewal.

Justification: Development of a park in southern Blue Springs to serve residents in this area as well as develop parkland already owned by the City.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$125,000	$0	$0	$1,500,000	$0	$0	$1,625,000
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$27,500,000	$0	$27,500,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$125,000	$0	$0	$1,500,000	$27,500,000	$0	$29,125,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Parks Sales Tax	$125,000	$0	$0	$1,500,000	$0	$0	$1,625,000
Bonds	$0	$0	$0	$0	$27,500,000	$0	$27,500,000
Total	$125,000	$0	$0	$1,500,000	$27,500,000	$0	$29,125,000

Southwest Park Development - $29,000,000

Architecture and Engineering Services	$1,500,000
Construction Bonds	$27,500,000
Project Total	**$29,000,000**

Project Title:	James Walker School Park Improvements	**Project Number:**	PR-72
Project Type:	Capital Improvement	**Current Year Project Cost:**	$0
Department:	Parks and Recreation	**Funding Source:**	Parks Sales Tax
Strategic Plan Priority:	Parks and Recreation		

Description: Renovations to existing skate park.

Justification: Included in the 2021 Park Sales Tax renewal is renovations to Walker School Park due to safety and ability to maintain equipment.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$275,000	$0	$0	$0	$200,000	$0	$475,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$275,000	$0	$0	$0	$200,000	$0	$475,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Park Sales Tax	$275,000	$0	$0	$0	$200,000	$0	$475,000
Total	$275,000	$0	$0	$0	$200,000	$0	$475,000

Walker School Park Improvements -$200,000

Walker School Park Skate Park	$200,000
Project Total	**$200,000**

Project Title:	Trail Renovations	**Project Number:**	PR-80
Project Type:	Capital Improvement	**Current Year Project Cost:**	$0
Department:		**Funding Source:**	Park Sales Tax
Strategic Plan Priority:	Parks, Recreation and Open Space Master Plan		

Description: Renovations to trails segments throughout Blue Springs Parks and trails.

Justification: To maintain trails in a safe usable manner and to extend the life of the pavement.



Projected Five-Year Cost Schedule								
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Beyond**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$370,000	$0	$0	$0	$400,000	$770,000
Contingency	$0	$0	$0	$0	$0	$0	$0	$0
Total	$0	$0	$370,000	$0	$0	$0	$400,000	$770,000
Op Expense	$0	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0	$0
Projected Five-Year Funding Schedule								
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Beyond**	**Total**
Parks Sales Tax	$0	$0	$370,000	$0	$0	$0	$400,000	$770,000
Total	$0	$0	$370,000	$0	$0	$0	$400,000	$770,000

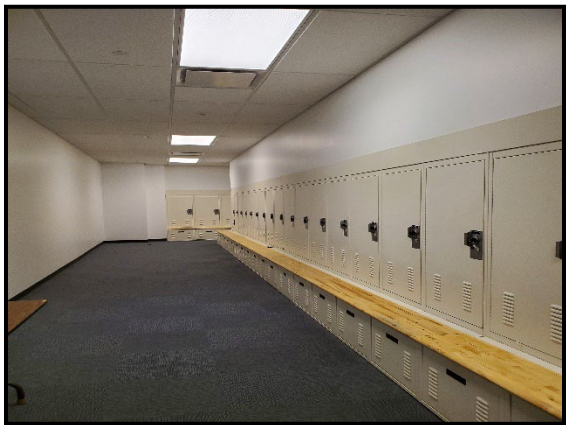
Trail Improvements - $770,000

Adams Dairy Parkway Trail (PR-10)	$225,000
Coronado Trail (PR-35)	$80,000
Grounds Park Trail (PR-77)	$400,000
Project Total	**$770,000**

Project Title:	Police Department Locker Room Expansion	**Project Number:**	PS–13
Project Type:	Capital Improvement	**Current Year Project Cost:**	$0
Department:	Public Safety	**Funding Source:**	Public Safety Sales Tax
Strategic Plan Priority:	Internal Operations		

Description: When the building was designed and built in 2015-2016, the original number of lockers in each of the male and female locker rooms was reduced in scope to reduce the project cost. The current number of lockers in each room are barely able to meet the current needs based on personnel levels. Future growth will require that additional lockers be purchased and built in the space set aside for future growth. The lockers contain electrical outlets and are connected to the facility HVAC system for ventilation purposes. The project will not only require the purchase of the actual lockers, but also construction costs to provide ventilation and electrical outlets.

Justification: Adequate locker room facilities are important to support an active workforce providing the necessary means to prepare for duty, clean-up during duty, and ending duty.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$300,000	$0	$0	$300,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$0	$0	$0	$300,000	$0	$0	$300,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Public Safety Sales Tax	$0	$0	$0	$300,000	$0	$0	$300,000
Total	$0	$0	$0	$300,000	$0	$0	$300,000

Project Title:	Police Department Painting	**Project Number:**	PS-14
Project Type:	Capital Improvement	**Current Year Project Cost:**	$100,000
Department:	Public Safety	**Funding Source:**	Public Safety Sales Tax
Strategic Plan Priority:	Internal Operations		

Description: The building has not been repainted since construction and move in, and many walls, especially in high use areas in need of repainting and repair. Since construction there has also been some minor settling in areas that require some drywall crack repair.

Justification: Damaged, chipping, and marred walls detract from the presentation of the building and lead to further damage over time. Upkeep of this nature is less expensive if addressed periodically.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$100,000	$0	$0	$0	$0	$100,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$0	$100,000	$0	$0	$0	$0	$100,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Public Safety Sales Tax	$0	$100,000	$0	$0	$0	$0	$100,000
Total	$0	$100,000	$0	$0	$0	$0	$100,000

Project Title:	Police Department Training/Vehicle Processing Building	**Project Number:**	PS-15
Project Type:	Capital Improvement	**Current Year Project Cost:**	$1,000,000
Department:	Public Safety	**Funding Source:**	Public Safety Sales Tax
Strategic Plan Priority:	Internal Operations		

Description: The Police Department has idienti9ried a need for a building to be used as a training facility and vehicle processing area in the new fenced evidence lot within Pink Hill Park.

Justification: With the future loss of warehouse 1 in the downtown area to development, there is a need to construct a building for training and vehicle processing that includes heating and cooling and plumbing in the area within and on the lot now used for vehicle storage and impoundment.

This project may be completed in conjunction with BF-19 Public Utilities Building Phase II.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$1,000,000	$0	$0	$0	$0	$1,000,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$0	$1,000,000	$0	$0	$0	$0	$1,000,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Public Safety Sales Tax	$0	$1,000,000	$0	$0	$0	$0	$1,000,000
Total	$0	$1,000,000	$0	$0	$0	$0	$1,000,000

Project Title:	Communications Quality Control System	**Project Number:**	PS – 16
Project Type:	Capital Improvements	**Current Year Project Cost:**	$0
Department:	Public Safety	**Funding Source:**	Public Safety Sales Tax
Strategic Plan Priority:	1	**Requested for Years:**	2024-2025

Description: The Communications Quality control System is a customized call handling solution for the communications center. The "Total Response" program by PowerPhone is a dispatch auditing and quality control system aiding dispatchers to be uniform in the questions asked on each call. $84,596 setup/licensing and training for all dispatch employees with a $16,000 yearly maintenance and upgrade cost.

Justification: This program will provide more consistent emergency call taking, generate objective dispatch decision based upon scene conditions, enhance caller and responder safety and offer prearrival instructions focused on scene safety and evidence preservation. The program will also improve information sharing with responders, provide real time and retrospective monitoring tools to gauge performance and limit liability exposure.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$85,000	$0	$0	$0	$85,000
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$0	$0	$85,000	$0	$0	$0	$85,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Public Safety Sales Tax	$0	$0	$85,000	$0	$0	$0	$85,000
Total	$0	$0	$85,000	$0	$0	$0	$85,000

Project Title:	Citywide Maintenance	**Project Number:**	SAN-07
Project Type:	Sanitary Sewer System Maintenance and Improvements	**Current Year Project Cost:**	$1,000,000
Department:	Public Works – Sewer Maintenance	**Funding Source:**	Sewer Utility Fund
Strategic Plan Priority:	Infrastructure		

Description: Sewer maintenance and improvements include televised inspection of sewer mains, sewer main cleaning, replacement of clay tile sewer main utilizing cured in place pipe, rehabilitation of manholes, construction of relief sewers, and emergency repair of collapsed pipes and manholes.

Justification: This project provides for the maintenance, rehabilitation, and repair of the sanitary sewer infrastructure. The resulting benefits are extended life of sewers, increased system reliability, decreased infiltration, and inflow (I&I), and fewer sewer back up claims. The reduction of I&I maximizes the available capacity in the collection system and wastewater treatment plant and reduces the risk of sewer overflows. To accomplish this a combination of the following tasks are performed each year: televised sewer inspections, sewer main cleaning, 25,000-35,000 feet of clay tile sewer lining, and the rehabilitation of leaking or deteriorated manholes. Of the City's 1,395,430 feet of sanitary sewers, the original and oldest portion (494,000 feet) was constructed using clay tile pipe. Due to its fragile nature clay pipe is prone to cracking as the earth's crust shifts and moves. This in turn leads to poor performance and in some cases pipe failure. To date, 409,558 feet of the clay tile sewers have been lined utilizing cured in place pipe. This process replaces the existing sewer pipe and has a life expectancy of 100 years. With continued funding the remaining 84,442 feet of clay tile sewers will be replaced by 2025.

Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$13,700,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$18,700,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$13,700,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$18,700,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Sewer Utility Fund	$13,700,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$18,700,000
Total	$13,700,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$18,700,000

Project Title:	Combination Flushing Vacuum Truck	**Project Number:**	SAN-10
Project Type:	Sewer System Equipment Replacement	**Current Year Project Cost:**	$0
Department:	Public Works – Sewer Maintenance	**Funding Source:**	Sewer Utility Fund
Strategic Plan Priority:	Infrastructure		

Description: This unit supports sewer cleaning activities, non-invasive hydro-excavation, and emergency response for citizens.

Justification: This purchase provides for the replacement of an existing piece of equipment. This unit is critical in our ability to maintaining the City's sewer system, responding to sewer backups, and minimizing excavation liabilities by utilizing hydro-excavation methods. Performing sewer cleaning operations in-house vs. contracting provides the City with a cost savings of $40,000 per year. With the recent addition of a primary sewer flushing truck the service life of this unit has been able to be extended from 6 to 12 years. The current unit should be scheduled for replacement in FY 2025-2026.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$300,000	$0	$0	$450,000	$0	$0	$750,000
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$300,000	$0	$0	$450,000	$0	$0	$750,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0
Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Trade In Value	$0	$0	$0	$80,000	$0	$0	$80,000
Sewer Utility Fund	$300,000	$0	$0	$370,000	$0	$0	$670,000
Total	$300,000	$0	$0	$450,000	$0	$0	$750,000

Project Title:	12,000lb Hydraulic Excavator	**Project Number:**	SAN-17
Project Type:	Sewer System Equipment Replacement	**Current Year Project Cost:**	$0
Department:	Public Works-Sewer Maintenance	**Funding Source:**	Sewer Utility Fund
Strategic Plan Priority:	Infrastructure		

Description: Project Number SAN-17 is one of two projects created to replace the existing SAN-11 project and more accurately reflect the request in the Capital Improvements Plan. SAN-11 was a funded project which provided for the replacement of a rubber tired/backhoe/loader used in the daily tasks of maintenance and repairs. Beginning in FY 07-08 two separate pieces of equipment were requested and approved for purchase to provide the Public Works Division more flexibility with their equipment and activities.

Justification: This equipment is vital to the department to handle various construction tasks and after hour's emergency response. Downtime on emergency equipment must be kept to a minimum to ensure timely restoration of customer's services. By replacing this equipment every 2 years the city will maximize the discounted purchase price, reap a higher return on trade-in or resale value, and have a full warranty on the new equipment which will protect the city from catastrophic repair costs.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$359,700	$0	$70,400	$0	$73,500	$0	$503,600
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$359,700	$0	$70,400	$0	$73,500	$0	$503,600
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Trade In Amount	$205,000	$0	$51,000	$0	$53,000	$0	$309,000
Sewer Utility Fund	$154,700	$0	$19,400	$0	$20,500	$0	$194,600
Total	$359,700	$0	$70,400	$0	$73,500	$0	$503,600

Project Title: Sewer Infrastructure Deployment

Project Number: SAN-19

Project Type: Capital Improvements

Current Year Project Cost: $200,000

Department: Public Works

Funding Source: Sewer Utility Fund

Strategic Plan Priority: Development and Redevelopment

Description: The project will fund the strategic deployment of sewer infrastructure to facilitate the development of the City. It is contemplated that annual budgeted funds may go unused year-over-year and will be accessed for projects meeting certain criteria. Priority will be given to sites/projects that meet one or more of the following criteria:

- Areas in the Intent to Annex plan.
- Consistency with the Comprehensive Plan.
- Promotes stated economic development objectives (e.g. job creation, business attraction and retention, shovel ready site, etc.). Provides systematic, long-term infrastructure solutions.

Justification: The City is uniquely positioned to play a significant role in site/area development through the deployment of critical infrastructure to make areas and sites within the City marketable and ultimately developable. Dedicating resources on an on-going basis will enable the City to respond to market demands and opportunities and systematically and strategically address the infrastructure needs of the City.

The CIP includes $200,000 per year for SAN-19 Sewer Infrastructure Deployment and will accumulate to $1,000,000, but will not increase beyond that until funds are spent below that balance.

Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$1,400,000	$200,000	$200,000	$200,000	$200,000	$200,000	$2,400,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$1,400,000	$200,000	$200,000	$200,000	$200,000	$200,000	$2,400,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Sewer Utility Fund	$1,400,000	$200,000	$200,000	$200,000	$200,000	$200,000	$2,400,000
Total	$1,400,000	$200,000	$200,000	$200,000	$200,000	$200,000	$2,400,000

Project Title:	Hydraulic Track Loader	**Project Number:**	SAN-20
Project Type:	Sewer System Equipment Replacement	**Current Year Project Cost:**	$59,000
Department:	Public Works – Sewer Maintenance	**Funding Source:**	Sewer Utility Fund
Strategic Plan Priority:	Infrastructure		

Description: This piece of equipment was previously funded in the capital outlay program. Due to the $50,000 limit and inflationary cost this equipment request is being moved to the capital improvement program. Project Number SAN-20-19 is one of two projects created to replace the existing SAN-11 project and more accurately reflect the request in the Capital Improvements Plan. SAN-11 was a funded project which provided for the replacement of a rubber tired/backhoe/loader used in the daily tasks of maintenance and repairs. Beginning in FY 07-08 two separate pieces of equipment were requested and approved for purchase to provide the Public Works Division more flexibility with their equipment and activities.

Justification: This equipment is vital to the department to handle various construction tasks and after hour's emergency response. Downtime on emergency equipment must be kept to a minimum to ensure timely restoration of customer's services. By replacing this equipment every 2 years the City will maximize the discounted purchase price, reap a higher return on trade-in or resale value, and have a full warranty on the new equipment which will protect the city from catastrophic repair costs.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$106,000	$59,000	$0	$61,500	$0	$0	$226,500
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$106,000	$59,000	$0	$61,500	$0	$0	$226,500
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Trade in amount	$77,000	$43,750	$0	$45,000	$0	$0	$165,750
Sewer Utility Fund	$29,000	$15,250	$0	$16,500	$0	$0	$60,750
Total	$106,000	$59,000	$0	$61,500	$0	$0	$226,500

Project Title: 1.5 Ton Service Truck **Project Number:** SAN-21

Project Type: Equipment Replacement **Current Year Project Cost:** $0

Department: Public Works - Sewer **Funding Source:** Sewer Utility Fund

Strategic Plan Priority: Infrastructure

Description: Purchase of a 17,500 GVWR 4X4 truck with dump bed. This vehicle was previously funded in capital outlay FY 20 – 21. Due to the $50,000 limit and inflationary cost this vehicle is being moved to CIP.

Justification: This truck will be used for daily maintenance of the City's sanitary sewer system. The current vehicle is a 2006 with a service life of twelve years in the utilities division and an additional five to eight years' service in the Streets / Parks divisions. The sewer division operates a fleet of three similar style trucks. The Sewer Division operates three of these vehicles resulting in a replacement cycle of four years.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$60,000	$0	$75,000	$0	$0	$0	$135,000
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$60,000	$0	$75,000	$0	$0	$0	$135,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Sewer Utility Fund	$60,000	$0	$75,000	$0	$0	$0	$135,000
Total	$60,000	$0	$75,000	$0	$0	$0	$135,000

Project Title: Sewer Flushing Truck

Project Number: SAN-23

Project Type: Equipment Replacement

Current Year Project Cost: $0

Department: Public Works Sewer Maintenance

Funding Source: Sewer Utility Fund

Strategic Plan Priority: Infrastructure

Description: This request is for the replacement of a sewer flushing truck. This unit supports sewer cleaning activities and emergency response for citizens.

Justification: The department previously performed all tasks with one combination flushing/vacuum truck that was scheduled to be replaced every 6 years. Communication installations within the public right of ways have increased the need to reduce liabilities during excavations by using hydro-excavating practices. This placed increased demand on the vacuum truck resulting in scheduling conflicts and a restricted ability to complete scheduled preventative maintenance flushing. The addition of this piece of equipment enables the department to push the years of service for both pieces of equipment out to 12 years resulting in both lower annual costs and higher level of service to the community. The current unit should be scheduled for replacement in future years. Next scheduled replacement isn't until FY 2031-32, estimated at $325,000.



Projected Five-Year Cost Schedule								
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Beyond**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0	$0
Equipment	$250,000	$0	$0	$0	$0	$0	$325,000	$575,000
Landscape	$0	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0	$0
Total	$250,000	$0	$0	$0	$0	$0	$325,000	$575,000
Op Expense	$0	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule								
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**		**Total**
Sewer Utility Fund	$250,000	$0	$0	$0	$0	$0	$325,000	$575,000
Total	$250,000	$0	$0	$0	$0	$0	$325,000	$575,000

Project Title: Sludge Removal

Project Number: SNI-01

Project Type: Repetitive Operational Maintenance

Current Year Project Cost: $0

Department: Public Works – Sni-A-Bar

Funding Source: Sewer Utility Fund

Strategic Plan Priority: Infrastructure

Description: The Sni-A-Bar wastewater treatment facility utilizes sludge treatment cells for the interim process between removal of sludge from the activated sludge process and permanent disposal from the treatment plant. Through an agreement with the Department of Natural Resources the City has been able to extend the period before sludge is required to be removed (normally 2 years) by adding micro-organisms to the sludge treatment cells to continue the decomposition process. This process can extend the storage capacity of the treatment cells by an additional 2-3 years.

Justification: Regular disposal of waste sludge is required under the permit issued by the State of Missouri. This project is needed based on the agreements with DNR and the available storage capacity of the treatment cells and should be performed every 6 years.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$3,500,000	$0	$4,000,000	$0	$0	$0	$7,500,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$3,500,000	$0	$4,000,000	$0	$0	$0	$7,500,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Sewer Utility Fund	$3,500,000	$0	$4,000,000	$0	$0	$0	$7,500,000
Total	$3,500,000	$0	$4,000,000	$0	$0	$0	$7,500,000

Project Title:	Pavement Management Program	**Project Number:**	ST-06
Project Type:	Street Improvements	**Current Year Project Cost:**	$2,050,000
Department:	Public Works	**Funding Source:**	Transportation-Tax
Strategic Plan Priority:	Infrastructure		

Description: Annual pavement management program

Justification: The annual Pavement Management Program (PMP) has replaced the Street Rehabilitation Program (SRP), that ran from 2008-2017. The SRP overlaid 142 miles of streets. The PMP is designed to extend the useful life of public streets and provides for a safe, reliable road network in the City. Projects are Volume, condition, and age. The Condition is based on the Pavement Quality Index, PQI, and the Pavement Condition Index, PCI, which assigns a rating from 0-100 to each street segment. The indexes are based on empirical data collected by Stantec during the fall of 2016, 2019, and 2022. The PQI/PCI ratings are a combination of criteria collected during an automated survey using lasers to assess the surface condition of the roads.

The average PQI/PCI score throughout the city in 2016 was 59.5 and the overall rating dropped to 51.0 in 2019 where it remained through 2022. Most cities in the area average between 53 and 64. A subsequent survey and analysis by an outside firm will be performed every three years to develop a history and formulate a trend line for the system. The results will allow the PMP to be continuously monitored and periodically adjusted to respond to the changing conditions of the City's street network with the ultimate goal of providing the most efficient and effective program possible with the resources available.

Reconstruction, Overlay, and Surface Treatments are utilized within the program based on the condition of the specific road segment. The program began in the spring of 2019. However, funds were reallocated in 2020 so only $2.3M was available for that construction season.

STREET TYPE	CITY STANDARD	TOTAL MILES (centerline miles)	ANNUAL STREET REHABILITATION PROGRAM (THRU 2022)	
			Miles	**%**
Arterial	7-12 years	8.8	7.1	80.68
Collector	10-15 years	106.5	67.74	63.60
Residential	15-25 years	146	133.32	91.31
TOTAL		**261.3**	**208.2**	**79.68**

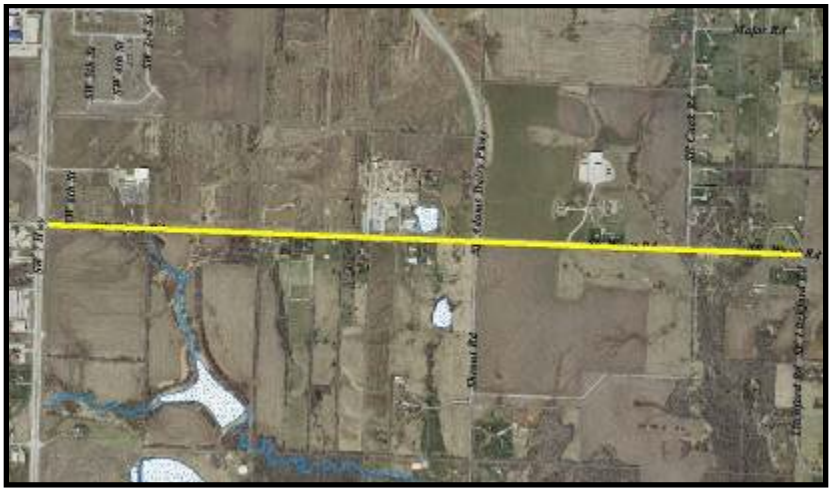
Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$42,200,000	$2,050,000	$2,625,000	$2,950,000	$4,500,000	$4,500,000	$58,825,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$42,200,000	$2,050,000	$2,625,000	$2,950,000	$4,500,000	$4,500,000	$58,825,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Trans-Tax	$41,277,000	$1,800,000	$2,375,000	$2,700,000	$4,250,000	$4,250,000	$56,652,000
Marijuana Sales Tax	$0	$250,000	$250,000	$250,000	$250,000	$250,000	$1,250,000
JCCUR	$923,000	$0	$0	$0	$0	$0	$923,000
Total	$42,200,000	$2,050,000	$2,625,000	$2,950,000	$4,500,000	$4,500,000	$58,825,000

Project Title:	Wyatt Road East, 7 Highway to Adams Dairy Parkway	**Project Number:**	ST-18
Project Type:	Street Improvements	**Current Year Project Cost:**	$5,000,000
Department:	Public Works	**Funding Source:**	Transportation Sales Tax
Strategic Plan Priority:	Infrastructure Maintenance		

Description: Acquisition of right-of-way and construction for Wyatt Rd. east of 7 Hwy.

Justification: Wyatt Rd will be constructed as a major collector regarding traffic management and access more available land for development within Blue Springs. It is anticipated this improvement would eventually access Buckner Tarsney. (Cost figures revised 2022)



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$1,000,000	$5,000,000	$0	$0	$0	$0	$6,000,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$1,000,000	$5,000,000	$0	$0	$0	$0	$6,000,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0
Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Transportation Sales Tax	$1,000,000	$5,000,000	$0	$0	$0	$0	$6,000,000
Total	$1,000,000	$0	$0	$0	$0	$0	$6,000,000

Project Title: Snow Plow/Dump Truck **Project Number:** ST-24

Project Type: Equipment Replacement **Current Year Project Cost:** $172,000

Department: Public Works-Streets **Funding Source:** General Fund

Strategic Plan Priority: Infrastructure

Description: Purchase of a new dump truck with integral salt spreader and snow plow equipment.

Justification: These units will be utilized in road maintenance activities and snow removal operations. They will replace frontline units that will be moved into the residential fleet. Units displaced from the residential fleet are sent to auction. The typical length of service for a snowplow/dump truck is 20 years.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$1,829,661	$172,000	$177,200	$182,500	$188,000	$195,000	$2,744,361
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$1,829,661	$172,000	$177,200	$182,500	$188,000	$195,000	$2,744,361
Op Expense	$57,228	$0	$0	$0	$0	$0	$57,228
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
General Fund	$1,829,661	$172,000	$177,200	$182,500	$188,000	$195,000	$2,744,361
Total	$1,829,661	$172,000	$177,200	$182,500	$188,000	$195,000	$2,744,361

Project Title: Street Sweeper

Project Number: ST-25

Project Type: Equipment Replacement

Current Year Project Cost: $0

Department: Public Works Streets

Funding Source: General Fund

Strategic Plan Priority: Infrastructure/Maintenance

Description: This specialized piece of equipment is utilized to remove debris and sediment from the City's roadways and curb lines.

Justification: The Street Sweeper is used to remove dirt, leaves, debris and contaminants from the city's streets prior to the debris washing into the surrounding watershed. Additionally, it is used to vacuum debris from catch basins to prevent localized flooding. This service/program reduces air and stream pollution, which helps to maintain the city's air and stream quality. These actions support the city's Storm Water Pollution Discharge Permit requirements, and it provides a safe way to clean out catch basins that are deeper than five feet. Due to the complexity of the equipment street sweepers have a typical service life of 10-12 years. The current street sweeper was purchased in FY 18-19. The current unit should be scheduled for replacement in FY 2028-29.



Projected Five-Year Cost Schedule								
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Beyond**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0	$0
Equipment	$250,000	$0	$0	$0	$0	$0	$360,000	$610,000
Landscape	$0	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0	$0
Total	$250,000	$0	$0	$0	$0	$0	$360,000	$610,000
Op Expense	$0	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule								
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Beyond**	**Total**
General Fund	$250,000	$0	$0	$0	$0	$0	$360,000	$610,000
Total	$250,000	$0	$0	$0	$0	$0	$360,000	$610,000

Project Title:	1.5 Ton Dump/Snow Truck	**Project Number:**	ST-26
Project Type:	Equipment Replacement	**Current Year Project Cost:**	$0
Department:	Public Works - Streets	**Funding Sour Source:**	General Fund
Strategic Plan Priority:	Infrastructure		

Description: Purchase of a 17,500 GVWR 4X4 truck with dump bed, hydraulics, and snow removal equipment.

Justification: This truck will be used for daily maintenance of the City's streets and rights-of-way. Maintenance includes patching, crack sealing, brush removal, litter patrol, and emergency debris removal. This unit will also serve as the frontline snow removal truck in congested areas throughout the city. The streets division operates a fleet of four flatbed style 1.5-ton trucks. The anticipated life of these trucks is 16 years of service, which results in a replacement cycle of four years. The current trucks in the fleet are a 2004,2006, 2012, and a 2020 and a 2020. The 2022 unit has been pushed to the later portion of the year to order a 2023 model year. Ford is not taking orders for 2023s.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$167,000	$0	$100,000	$0	$0	$0	$267,000
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$167,000	$0	$100,000	$0	$0	$0	$267,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
General Fund	$167,000	$0	$0	$0	$0	$0	$167,000
Total	$167,000	$0	$0	$0	$0	$0	$167,000

Project Title: 7 Highway Sidewalk Infill **Project Number:** ST-43

Project Type: Street Improvements **Current Year Project Cost:** $850,000

Department: Public Works **Funding Source:** Transportation Tax

Strategic Plan Priority: Infrastructure Maintenance

Description: Placement of ADA compliant sidewalks along 7 Hwy from NW Shaw Parkway to US 40 Highway, including a connection under I-70.

Justification: This project would provide for ADA ramps and continuous sidewalk along 7 Hwy, providing a safer pedestrian movement.

The project is comprised of three phases:

- North: $1.2M – Funded at $582,000
- Central: $850,000
- South: $1.7M - Unfunded

All three phases were submitted to the MARC Surface Transportation Program for grant funding. The North section was selected to receive partial funding in the amount of $582,000 (the initial request was for $1.2M) in 2020. The prior funded portion of this project reflects partial completion of the North phase of the project area to the extent that can be built with those funds. The project is being assessed to determine if the remainder requires a project to complete the north segments.

MoDOT will manage and complete this project. The entire projects costs $3,400,000 and the City is responsible for a 20% match ($850,000).

Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$310,000	$0	$0	$0	$0	$0	$310,000
Design	$590,000	$0	$0	$0	$0	$0	$590,000
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$1,977,500	$0	$850,000	$0	$0	$0	$2,827,500
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$2,877,500	$0	$850,000	$0	$0	$0	$3,727,500
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0
Projected Five-Year Funding Schedule							
Transportation Tax	$1,245,500	$0	$850,000	$0	$0	$0	$2,095,500
MARC STP	$1,632,000	$0	$0	$0	$0	$0	$1,632,000
Total	$2,877,500	$0	$850,000	$0	$0	$0	$3,727,500

Project Title:	Concrete Repair and Maintenance	**Project Number:**	ST-44
Project Type:	Infrastructure Maintenance	**Current Year Project Cost:**	$443,200
Department:	Public Works	**Funding Source:**	Water Utility Fund Transportation Sales Tax
Strategic Plan Priority:	Infrastructure		

Description: In the 2015-16 Budget the City Council authorized the creation of an in-house maintenance program with the mission to correct safety issues (e.g. trip hazards, grade deviations, etc.) and significant defects in the sidewalk system throughout the city—as identified in the Sidewalk Inventory and ADA Transition Plan—as well as replacement of sidewalks, driveways, curbs, and other concrete infrastructure impacted by settlement and/or maintenance of City owned utility infrastructure.

Annual program goals include repair/replacement of 60,000 square feet of concrete infrastructure, which represents a 255 percent increase over the previous service level. Fiscal year-2016-17 performance indicates it has reached 71% or 42,725 square feet of the annual goal.

Justification: The City Council approved Ordinance Number 4340 in 2011 which required the City to assume maintenance of the sidewalk system throughout the City. Sidewalk condition and maintenance is consistently rated as an important priority in the citizen surveys administered by ETC. The proposed program provides for a flexible delivery mechanism with improved efficiency and responsiveness



Projected Five-Year Cost Schedule

Cost Breakdown	Prior	2023-24	2024-25	2025-26	2026-27	2027-28	Total
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Personnel	$1,526,850	$229,000	$237,015	$215,500	$256,800	$0	$2,465,165
Equipment	$45,000	$0	$0	$0	$0	$0	$45,000
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$3,284,600	$214,200	$223,650	$258,985	$246,019	$0	$4,227,454
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$4,856,450	$443,200	$460,665	$474,485	$502,819	$0	$6,737,619
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule

Source	Prior	2023-24	2024-25	2025-26	2026-27	2027-28	Total
General Fund Transfer	$1,783,000	$0	$0	$0	$0	$0	$1,783,000
Sidewalk Maintenance	$1,346,600	$214,200	$223,650	$258,985	$246,019	$0	$2,289,454
Trans Tax	$200,000	$0	$0	$0	$0	$0	$200,000
Water Utility Fund	$1,526,850	$229,000	$237,015	$215,500	$256,800	$0	$2,465,165
Total	$4,856,450	$443,200	$460,665	$474,485	$502,819	$0	$6,737,619

Project Title:	AA Highway Project	**Project Number:**	ST- 52
Project Type:	Road Improvements	**Current Year Project Cost:**	$0
Department:	Public Works	**Funding Source:**	Transportation Sales Tax
Strategic Plan Priority:	Infrastructure Maintenance		

Description: This project includes road improvements from Adams Dairy Parkway to the eastern City limits. Specifics of the project include road widening, profile safety corrections, new curb and gutter, accommodations for pedestrians and bicycles, and improvements to the traffic signal at AA Highway and Adams Dairy Parkway. Maintaining traffic during construction will be a significant challenge with this project.

Justification: This arterial roadway serves as an important connection between Blue Springs and Grain Valley. As traffic volumes are increasing along this corridor the need to improve the road has also increased. The proposed road improvements prepare the corridor for multimodal transportation, increased capacity, improved traffic operations, and increased safety for the traveling public. (Cost figures revised 2022) This project has been combined with ST-48 AA Highway to ADP Right Turn Lane.



Projected Five-Year Cost Schedule								
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Beyond**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$1,625,000	$6,500,000	$0	$0	$1,625,000	$9,750,000
Contingency	$0	$0	$0	$0	$0	$0	$0	$0
Total	$0	$0	$1,625,000	$6,500,000	$0	$0	$1,625,000	$9,750,000
Op Expense	$0	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule								
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Beyond**	**Total**
Transportation Sales Tax	$0	$0	$1,625,000	$6,500,000	$0	$0	$1,625,000	$9,750,000
Total	$0	$0	$1,625,000	$6,500,000	$0	$0	$1,625,000	$9,750,000

Project Title:	Stormwater Maintenance	**Project Number:**	STM-06
Project Type:	Stormwater Maintenance	**Current Year Project Cost:**	$100,000
Department:	Public Works	**Funding Source:**	General Fund
Strategic Plan Priority:	Infrastructure		

Description: Ongoing maintenance of the City's stormwater assets. This includes the replacement or lining of sections of storm pipe that have reached the end of their useful life, rehabilitation or replacement of stormwater inlets, and televised inspection stormwater assets.

Justification: The City's stormwater system consists of 121 miles of pipe below city streets, sidewalks, and between homes and businesses along with 5,272 inlets, 481 junction boxes, and 104 box culverts. Approximately 52% of the pipe is corrugated metal which rusts and ultimately fails over time. Dips in streets, curbs, and sidewalks and eventually sink holes can and do result from these defects.

Current funding levels are not sufficient to adequately maintain the City's stormwater infrastructure in a comprehensive or proactive manner. The $50,000 request will likely increase over time as the system's integrity continues to diminish.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$550,000	$100,000	$100,000	$100,000	$100,000	$100,000	$1,050,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$550,000	$100,000	$100,000	$100,000	$100,000	$100,000	$1,050,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
General Fund	$550,000	$100,000	$100,000	$100,000	$100,000	$100,000	$1,050,000
Total	$550,000	$100,000	$100,000	$100,000	$100,000	$100,000	$1,050,000

Project Title:	Rubber Tired Front End Loader	**Project Number:**	WA-03
Project Type:	Water System Equipment Replacement	**Current Year Project Cost:**	$0
Department:	Public Works – Water Maintenance	**Funding Source:**	Water Utility Fund
Strategic Plan Priority:	Infrastructure		

Description: Purchase a rubber tired front end loader to replace the existing equipment.

Justification: This piece of equipment is vital to the department to handle various construction tasks and emergency repairs. Downtime must be kept to a minimum to ensure availability when needed. By replacing this equipment every 5 years the City will maximize the initial equity gained from the municipal discounts offered by manufacturers and reap a higher return rate on trade-in or resale value while maintaining a full warranty to protect from catastrophic repairs.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$355,000	$0	$0	$0	$180,000	$0	$535,000
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$355,000	$0	$0	$0	$180,000	$0	$535,000
Op Expense	$38,993	$0	$0	$0	$0	$0	$38,993
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Trade In Value	$148,000	$0	$0	$0	$80,000	$0	$228,000
Water Utility Fund	$207,000	$0	$0	$0	$100,000	$0	$307,000
Total	$355,000	$0	$0	$0	$180,000	$0	$535,000

Project Title:	18,000lb class Hydraulic Excavator	**Project Number:**	WA-04
Project Type:	Water System Equipment Replacement	**Current Year Project Cost:**	$0
Department:	Public Works – Water Maintenance	**Funding Source:**	Water Utility Fund
Strategic Plan Priority:	Infrastructure		

Description: Purchase a hydraulic excavator to replace the existing equipment.

Justification: This piece of equipment is vital to the department to handle various construction tasks and emergency repairs. Downtime must be kept to a minimum to ensure availability when needed. By replacing this equipment every 4 years the City will maximize the initial equity gained from the steep municipal discounts offered by manufacturers and reap a higher return rate on trade-in or resale value while maintaining a full warranty to protect from catastrophic repairs.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$304,320	$0	$108,000	$0	$0	$0	$412,320
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$304,320	$0	$108,000	$0	$0	$0	$412,320
Op Expense	$34,958	$0	$0	$0	$0	$0	$34,958
Cost Savings	$5,400	$0	$0	$0	$0	$0	$5,400

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Trade In Value	$146,800	$0	$70,000	$0	$0	$0	$216,800
Water Utility Fund	$157,520	$0	$38,000	$0	$0	$0	$195,520
Total	$304,320	$0	$108,000	$0	$0	$0	$412,320

Project Title:	Miscellaneous Watermain Maintenance	**Project Number:**	WA-12
Project Type:	Water System Improvements	**Current Year Project Cost:**	$500,000
Department:	Public Works	**Funding Source:**	Water Utility Fund
Strategic Plan Priority:	Infrastructure		

Description: Upgrading of the City's aging water-infrastructure and replacement of lead service lines to comply with new regulatory standards.

Justification: Continued aging of the City's drinking water infrastructure and new regulatory requirements to meet the Lead and Copper Rule Revisions (LCRR) have resulted in the need to continue funding for WA-12 along with incremental increases in future years. HDR Engineering has completed the analysis and recommendations for a Water Distribution System Management Plan which included changes required by the LCRR in order to stay in compliance with state and Federal Drinking Water Requirements. The activities surrounding the LCRR such as increased testing, development of lead service line inventory, and the replacement of lead service lines, are not optional and have a compliance deadline of October 2024.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$5,100,000	$500,000	$750,000	$1,000,000	$1,250,000	$1,250,000	$9,850,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$5,100,000	$500,000	$750,000	$1,000,000	$1,250,000	$1,250,000	$9,850,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Water Utility Fund	$5,100,000	$500,000	$750,000	$1,000,000	$1,250,000	$1,250,000	$9,850,000
Total	$5,100,000	$500,000	$750,000	$1,000,000	$1,250,000	$1,250,000	$9,850,000

Project Title:	Water Tank Maintenance Contract	**Project Number:**	WA-14
Project Type:	Water System Maintenance	**Current Year Project Cost:**	$216,531
Department:	Public Works – Water Maintenance	**Funding Source:**	Water Utility Fund
Strategic Plan Priority:	Infrastructure		

Description: The water maintenance division has determined that it is advantageous to place the City's most valuable water assets (the water towers and storage tanks) on a contracted maintenance/management system. Many communities throughout the United States and the state of Missouri utilize storage tank maintenance agreements to level the annual costs associated with tank ownership which include re-painting, inspection, structural repairs, cleaning, correction of vandalism, and other maintenance/repair related items. These programs ensure the tanks are always in compliance with state and federal regulations, deliver safe potable water to customers, and maintain an attractive storage facility for the community. There is a reduction in the contract amount due to the decommissioning of the downtown water tower.

Justification: The Water Department has utilized contracted maintenance for the past four years with positive results. Since the maintenance contract is perpetual and with one firm, the repetitive engineering costs are eliminated. The maintenance program allows repairs to be completed in the same season they are identified, thereby providing a higher level of maintenance to the assets. Tank and tower maintenance programs are favorably recognized by the Missouri Department of Natural Resources as beneficial to communities in delivering safe water to their customers and realizing the maximum life from their assets.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$3,387,604	$216,531	$227,357	$238,725	$250,000	$262,500	$4,582,717
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$3,387,604	$216,531	$227,357	$238,725	$250,000	$262,500	$4,582,717
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Water Utility Fund	$3,387,604	$216,531	$227,357	$238,725	$250,000	$262,500	$4,582,717
Total	$3,387,604	$216,531	$227,357	$238,725	$250,000	$262,500	$4,582,717

Project Title:	Water Infrastructure Deployment	**Project Number:**	WA-17
Project Type:	Capital Improvements	**Current Year Project Cost:**	$200,000
Department:	Public Works	**Funding Source:**	Water Utility Fund
Strategic Plan Priority:	Development and Redevelopment		

Description:

The project will fund the strategic deployment of water service infrastructure to facilitate the development of the City. It is contemplated that annual budgeted funds may go unused year-over-year and will be accessed for projects meeting certain criteria. Priority will be given to sites/projects that meet one or more of the following criteria:

- Areas in the Intent to Annex plan.
- Consistency with the Comprehensive Plan.
- Supports stated economic development objectives (e.g., job creation, business attraction and retention, shovel ready site, etc.). Provides systematic, long-term infrastructure solutions.

Justification:

The City is uniquely positioned to play a significant role in site/area development through the deployment of critical infrastructure to make areas and sites within the City marketable and ultimately developable. Dedicating resources on an on-going basis will enable the City to respond to market demands and opportunities and systematically and strategically address the infrastructure needs of the City.

The CIP includes $200,000 per year for WA-17 Water Infrastructure Deployment and will accumulate to $1,000,000 , but will not increase beyond that until funds are spent below that balance.

Projected Five-Year Cost Schedule

Cost Breakdown	Prior	2023-24	2024-25	2025-26	2026-27	2027-28	Total
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$1,500,000	$200,000	$200,000	$200,000	$200,000	$200,000	$2,500,000
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$1,500,000	$200,000	$200,000	$200,000	$200,000	$200,000	$2,500,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule

Source	Prior	2023-24	2024-25	2025-26	2026-27	2027-28	Total
Water Utility Fund	$1,500,000	$200,000	$200,000	$200,000	$200,000	$200,000	$2,500,000
Total	$1,500,000	$200,000	$200,000	$200,000	$200,000	$200,000	$2,500,000

Project Title: 1.5 Ton Service Truck

Project Number: WA-18

Project Type: Equipment Replacement

Current Year Project Cost: $0

Department: Public Works - Water

Funding Source: Water Utility Fund

Strategic Plan Priority: Infrastructure

Description: Purchase of a 17,500 GVWR cab and chassis with utility bed. This vehicle was previously funded in capital outlay FY 2018-19. Due to the $50,000 limit and inflationary cost this vehicle is being moved to CIP.

Justification: This truck is used for daily maintenance of the City's water distribution system. The existing utility trucks have a service life of twelve years in the utilities division with an additional five to eight years of service in the Streets / Parks divisions. The Water Division operates three of these vehicles resulting in a replacement purchase every four years.



Projected Five-Year Cost Schedule							
Cost Breakdown	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Land	$0	$0	$0	$0	$0	$0	$0
Design	$0	$0	$0	$0	$0	$0	$0
Equipment	$126,000	$0	$0	$0	$80,000	$0	$206,000
Landscape	$0	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0	$0
Contingency	$0	$0	$0	$0	$0	$0	$0
Total	$126,000	$0	$0	$0	$80,000	$0	$206,000
Op Expense	$0	$0	$0	$0	$0	$0	$0
Cost Savings	$0	$0	$0	$0	$0	$0	$0

Projected Five-Year Funding Schedule							
Source	**Prior**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**Total**
Water Utility Fund	$126,000	$0	$0	$0	$80,000	$0	$206,000
Total	$126,000	$0	$0	$0	$80,000	$0	$206,000