



Preliminary

04/12/2026 4:12:42 PM

LEE'S SUMMIT
MISSOURI®

CAPITAL IMPROVEMENT PLAN

2027 - 2031

Draft Print

04/12/2026 4:13:32 PM

CITY OF LEE'S SUMMIT, MISSOURI



LEE'S SUMMIT

MISSOURI

April 14, 2026

Members of the Lee's Summit Public Works Committee, Planning Commission and City Council:

Pursuant to the City of Lee's Summit Charter, Article XI, Section 11.4. Capital Program, I am pleased to submit the proposed fiscal years (FY) 2027-2031 Capital Improvement Plan (CIP). The CIP represents the multi-year scheduling of public infrastructure improvements and expansion, with much of it largely based on previously adopted master plans such as the Thoroughfare, Wastewater and Water Master Plans.

The benefits of adopting a Capital Improvements Plan are that it:

- Offers a vital link between the Comprehensive Plan and the actual construction of public improvements,
- Ensures that plans for community facilities are carried out,
- Improves coordination and scheduling of public improvements that require more than one year to complete,
- Provides an opportunity for long-range financial planning and management, and
- Offers an opportunity for residents and community interest groups to participate in decisions that impact their quality of life.

The CIP also acts as a public information document to advise residents and property owners as to how the City plans to address significant capital needs over the next five years. With growing demands for project expenditures and a limited amount of revenues available, it has become increasingly difficult to predict the availability of future funding for capital projects. As the population in Lee's Summit continues to grow, so do the demands on City services. It is imperative that our organization plan the use of our limited dollars wisely to complete this plan and ultimately benefit all citizens of the City of Lee's Summit. As has been previously reported in various community surveys, infrastructure and growth management continue to be viewed as extremely important to residents.

Draft Print

04/12/2026 4:13:13 PM

Proposed Plan

The 2027-2031 CIP totals \$746,500,000 (including funding from prior years). 20 new projects were estimated to add \$52.3 million over five years to previously authorized and funded list of projects.

The City completed 28 projects in the previous 2026 fiscal year, totaling about \$139.3 million of infrastructure placed into service. Completed projects no longer to be shown in the CIP, and New Projects, are listed below:

Completed Projects:

- Hangar 2
- Overlay & Microsurface FY26
- Annual Curb and Gutter Replacement Program FY26
- Neighborhood Traffic Safety Program FY26
- ROW Infrastructure Rehabilitation FY26
- Capital Project Planning FY26
- Pavement Marking FY26
- Crack Sealing FY26
- Community Bus Service - ATA/OATS FY26
- Chipman Rd, View High to Bent Tree
- Colbern Rd, M-350 to Douglas
- Raintree Lake Spillway Deck Rehab
- Johnson Street - 2nd Street to 3rd Street
- Third Street and Bridlewood Drive Signal
- Todd George Parkway and Chipman Road Signal
- Annual Building Equipment Replacement Program FY26
- Police South Substation
- Green Street Phase 1 - Public Infrastructure
- Green Street Phase 2 - Site Development
- Red Hawk Park (Park West Phase 1)
- Longview Pickleball Complex
- Playground Surface Replacement Program
- Neighborhood Park Improvements Program
- East Fork Little Blue/SE Country Lane
- Bowlin Tank Recoating
- Lead Service Line Inventory
- Water Main - View High Longview Golf Club to Chipman Upsizing
- Water Main Cathodic Protection Program FY24 Southeast Hangar Development

Draft Print

04/12/2026 4:13:32 PM

New Projects:

- Air Traffic Control Tower Design*
- Oldham Pkwy/US 50 S. Outer Rd Todd George to Blackwell
- Cedar Creek Interceptor Phase 4
- FY31 I/I Removal - CIPP Lining, Manhole Rehab, and LCRs
- Jacomo Watershed Improvements
- Lee's Summit Force main under Railroad
- Cathodic Protection FY31
- Maybrook Rehab
- SE System - 291 to Hamblen
- Water Main Rehab FY31
- Overlay & Microsurface FY31
- Annual Curb and Gutter Replacement Program FY31
- Residential Street Reconstruction Program FY31
- Neighborhood Traffic Safety Program FY31
- ROW Infrastructure Rehabilitation FY31
- Capital Project Planning FY31
- Pavement Marking FY31
- Crack Sealing FY31
- Community Bus Service - ATA/OATS FY31
- BERP (facilities) FY31

The following table depicts the proposed annual appropriations for the five-year period in each of the major project areas plus the Public Works, Water Utility, and Facilities Programs, which are primarily major maintenance activities on City infrastructure.

Expenditures by Year (in \$1,000's)

	PW, WU & BERP Programs	Airport	Bridge Street & Signal*	Facilities	Parks & Rec- reation	Storm- water	Sanitary Sewer	Water	Total
Prior Years	13,991	32,267	108,423	62,790	66	31,856	22,407	29,464	301,263
FY2027	14,837	3,900	50,297	25,170	3,190	3,173	21,909	13,442	135,918
FY2028	16,580	2,000	24,466	4,000	25,400	500	16,778	8,197	97,921
FY2029	14,630	1,600	16,000	1,750	13,050	500	14,225	18,276	80,031
FY2030	14,690	800	44,111	1,260	2,760	500	4,000	17,963	86,084
FY2031	14,690	3,030	8,350	-	5,480	-	1,500	12,233	45,283
Total	89,418	43,597	251,647	94,970	49,946	36,529	80,819	99,575	746,500

The majority of the capital funding continues to be allocated to the Bridges, Streets, and Signals section that includes 24 projects around the community. Programs, airport, facilities, parks, water and sanitary sewer continue to be significant portions of the plan. Among the major revenue sources for the various capital projects included in the plan are:

- 15-year Capital Improvements Sales Tax (transportation / stormwater)
- Use Tax allocated to the CIP Sales Tax Fund
- Bond Proceeds (facilities, public safety, transportation)
- 15-year Park Sales Tax (parks)
- Use Tax allocated to the Park Sales Tax Fund
- Permanent Transportation Sales Tax (transportation: roads, rail, aviation, transit)
- Use Tax allocated to the Transportation Sales Tax Fund
- Public Safety Sales Tax (Fire and Police Department Facilities)
- State & Federal Grants (airport, roads, parks, stormwater, sanitary sewer)
- TIF/TDD (roads)
- Sewer & Water Tap Fees (water & sewer system expansion)
- Sewer & Water User Fees (water & sewer system improvements)

It is important to emphasize that the CIP is a flexible plan that can be altered as conditions, funding, priorities, and regulations change. Although capital projects are scheduled throughout the five-year plan only those projects with activity scheduled during the first year (FY27) are financed and adopted as part of the City's Annual Operating Budget. Projects slated for subsequent years may be adjusted to reflect changes in priority or funding.

Preparation of the CIP is a result of considerable effort from staff in all departments in the City. Each year staff attempts to reassess overall goals for capital improvements, and the means for accomplishing them. Every project has been considered for its financial feasibility, environmental impact, conformance to previously adopted plans, priorities established from the citizen input process via committees and voter approval, and to meet the public need. Their commitment to providing accurate and understandable information is greatly appreciated.

Respectfully submitted,

Mark Dunning
City Manager

Draft Print

04/12/2026 4:13:32 PM

Preliminary

04/12/2026 4:12:43 PM

Capital Improvement Plan Summary

Fiscal Year 2027-2031

(Costs in \$1,000s)

Project	Prior Yrs.	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Public Works Programs	12,630	14,337	15,580	14,030	14,090	14,090	84,757
Water Utilities Programs	761	250	400	-	-	-	1,411
Facilities Programs	600	250	600	600	600	600	3,250
Airport	32,267	3,900	2,000	1,600	800	3,030	43,597
Bridges, Streets and Signals*	108,423	50,297	24,466	16,000	44,111	8,350	251,647
Facilities	62,790	25,170	4,000	1,750	1,260	-	94,970
Parks and Recreation	66	3,190	25,400	13,050	2,760	5,480	49,946
Storm Water**	31,856	3,173	500	500	500	-	36,529
Sanitary Sewer	22,407	21,909	16,778	14,225	4,000	1,500	80,819
Water	29,464	13,442	8,197	18,276	17,963	12,233	99,575
Total	301,263	135,918	97,921	80,031	86,084	45,283	746,500

*Costs include water and sewer funding associated with road construction.

**Costs include streets, water and sewer funding associated with stormwater construction.

Preliminary

04/12/2026 4:12:43 PM

PUBLIC WORKS PROGRAMS (Costs in \$1,000s)

Programs	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Overlay & Microsurface	6,100	6,300	6,600	6,875	6,875	6,875	39,625
Annual Curb and Gutter Replacement Program	1,000	2,000	3,800	4,000	4,180	4,180	19,160
Residential Curb Replacement (2017 CIP Sales Tax)	3,150	3,260	2,300	0	0	0	8,710
Residential Street Reconstruction Program	0	75	500	600	600	600	2,375
Neighborhood Traffic Safety Program	75	125	75	75	75	75	500
ROW Infrastructure Rehabilitation	400	425	300	305	305	305	2,040
Capital Project Planning	75	75	75	80	85	85	475
Pavement Marking	820	1,032	850	995	850	850	5,397
Crack Sealing	370	385	400	400	400	400	2,355
Community Bus Service - ATA/OATS	640	660	680	700	720	720	4,120
TOTAL	12,630	14,337	15,580	14,030	14,090	14,090	84,757

WATER UTILITIES PROGRAMS (Costs in \$1,000s)

Programs	FY2026	FY2027	FY2028	FY2029	FY2030	FY2030	Total
Equipment Replacement/Rehab	761	250	400	0	0	0	1,411
TOTAL	761	250	400	0	0	0	1,411

FACILITIES PROGRAMS (Costs in \$1,000s)

Program	FY2026	FY2027	FY2028	FY2029	FY2030	FY2030	Total
Building Equipment Replacement Program (BERP)	600	250	600	600	600	600	3,250
Total	600	250	600	600	600	600	3,250



2027-2031 Capital Improvements Plan

CAPITAL IMPROVEMENTS PLAN IMPLEMENTATION

When a project on the CIP schedule is funded, it is assigned to a project manager who will assume oversight responsibilities. A number of steps are required before a project is complete.

DESIGN

The project manager will coordinate and participate in the selection process for an engineering or architectural design firm, as appropriate. Architectural and engineering services contracts, unlike commodities contracts, are awarded based on the qualifications and expertise of the firm in the particular type of project, in accordance with state statutes. The project manager is responsible for negotiating a detailed scope and fee for the design services with the selected consultant. Design for some projects may be completed by City staff or awarded to consultants through annual on-call contracts.

The design process is typically divided into several phases: concept and/or preliminary design, right-of-way plans, right-of-way appraisal and acquisition, and final design. Plans and cost estimates are prepared, either by the consultant or City staff, for review at these project milestones. If state or federal funding is involved, plans and estimates are also provided to the appropriate agency for review. As more refined information on project scope and costs are developed, the CIP document is revised accordingly during the next annual update. Occasionally, projects may be deferred or deleted from the plan based on information gathered during the design process that indicates significant problems with pursuing the project.

One or more public meetings are held for major projects that have significant impacts on the public and affected property owners to obtain feedback and comments from the community. City staff also uses online public meetings similar to those conducted by several state and federal agencies to provide greater access to stakeholders in addition to the in-person public meetings. The online presentations have generated more public comments than usually received through in-person public meetings. Going forward, staff plans to conduct both the in-person and online forums to solicit public input.

A meeting is often held at the completion of preliminary plans in order to let residents abutting the project know how the design will affect their properties. Comments made at the meetings are considered by City staff and the design firm for inclusion in revised plans, if appropriate, prior to appraisals and property acquisition. Other meetings may be held before any design is started and just before construction begins.

Right-of-way plans define the nature and extent of property required to complete a project. Property acquisition may be in the form of right-of-way, permanent easements or temporary construction easements. The City hires professional appraisers to determine fair market value of the acquisitions, which is the basis for initial offers to property owners. The City's right-of-way agent and/or contract agents complete the negotiation and acquisition process for the projects.

Once all property is acquired, final plans and specifications can be completed. During this time, any necessary relocation of private utilities (gas, phone, power) is also accomplished. Typically, all relocations are complete prior to bidding a capital project.

ADVERTISEMENT, BID AND AWARD

Capital projects are publicly advertised through the Public Works Department. City and consultant staff members evaluate all bids for completeness, correctness, business registrations, financial viability, potential disbarment, and check references for the low bidder. Based on the review and references, the consultant or the City's project manager makes a recommendation for award to the lowest and best bidder. The award of the construction contract is made by City Council.

DESIGN/BUILD

As an alternative to the typical design-bid-build process described above, the design/build process may be used. For these projects, a Design/Build Team is selected using a qualifications-based selection process. This delivery method has one contract between the City and the Design/Build Team. Design/Build can reduce risk through the Guaranteed Maximum Price contract and reduce the overall delivery schedule for a project by overlapping the design and construction phases of the work.

CONSTRUCTION MANAGER at RISK

The third common delivery method, typically on facilities projects, is the Construction Manager at Risk. This process has some similarities to Design/Build by overlapping the design and construction phases of the work. The main difference is the City has two separate contracts. The first is Qualification Based Selection for the design professional that ends with a negotiated scope and fee. The second contract is between the City and a Construction Manager firm. This is usually conducted through Request for Proposal that evaluation qualifications and price. This will lead to a Guaranteed Maximum Price Contract in which the Construction Manager will develop the construction schedule and solicit bids from subcontractors to complete the work based on preliminary plans. The Design Professional will work closely with the Construction Manager to work through detailed design during construction.

SCHEDULE

The construction contract sets forth the required completion time for the project. Time is counted from the date of the "Notice to Proceed" to the point of substantial completion and final completion. The duration is determined by the design consultant and/or City staff based on the scope of work, seasonal constraints, coordination with property owners, and impacts on the traveling public. The order and duration of specific construction tasks are usually determined by the contractor. The assessment of liquidated damages is included in construction contracts for failure to meet required completion dates.

CONSTRUCTION ADMINISTRATION

The City's project manager for the design process or a project manager from the construction management group is typically responsible for performing or coordinating project administration during construction. Such tasks generally include monitoring project progress, schedule and costs; coordinating and facilitating communications between the design consultant, inspections staff, contractor and City staff; negotiating and coordinating approval of changes in the project scope or cost; reviewing and approving regular progress payments; and reporting on the construction progress to City Council and the public through the City's publications and website. Changes to the contract totaling up to five percent of the original bid price may be approved administratively by the appropriate

Department Director. Changes that increase the cost in excess of that amount must be approved by the City Council.

SUBSTANTIAL COMPLETION

Substantial completion is defined as the time at which the project has progressed to the point where it is sufficiently complete that it can be utilized for the intended purpose. At this time, a comprehensive inspection is performed by City staff and the design consultant to create a list of all incorrect or outstanding items (a “punch list”) remaining to be completed or corrected. The punch list items and all other deficiencies must be completed before final acceptance of the project by the City, and final payment to the contractor.

FINAL ACCEPTANCE

Final acceptance is realized when the contractor has completed all work on the project, including punch list items, has provided the City with a maintenance bond, and has submitted all other close-out documents in accordance with the construction contract. The project manager is responsible for preparing a final project report and submitting it to city and department management staff as well as to City Council. Any unspent funds authorized for a project will be returned to the appropriate funding source for reallocation to future projects.

CAPITAL IMPROVEMENT PLAN FUNDING

Revenue Sources

All funding sources that may be used for various capital improvements are reviewed each year. Much of the work to develop the CIP focuses on the balancing of available resources with the identified capital needs. Consideration must be given to factors such as annual revenue projections from various sources, restrictions on the uses of certain funds, legal limitations on debt capacity, and City policies relative to project funding. The following is a list of existing funding sources and definitions for each:

TAXES

Property Tax- Revenue from the ad valorem tax levied on all real and personal property, based upon the assessed valuation established by the County Assessor on January 1st of each year. Real property assessed valuation is determined by applying the “market value” times the appropriate assessment ratios. As follows:

- Commercial/Industrial: 32%
- Residential: 19%
- Agricultural: 12%
- Personal Property assessed valuation is set at 33% of market value and is determined by the State Tax Commission.

Sales Tax- The City imposes a total sales tax of 2.75% (Capital Improvement: 0.50%, General fund: 1.0%, Parks and Recreation: 0.25%, Transportation: 0.50%, Public Safety: 0.50%) on all goods and commodities sold within the City limits with the exception of drugs and farm machinery. The tax is also levied on all vehicles registered by residents of the City, regardless of where those vehicles were purchased. Transportation tax is not levied on utilities and is earmarked specifically for use in funding transportation projects only. The State of Missouri receives the tax from the respective business and distributes the funds monthly to the City.

Use Tax- The City imposes a use tax that mirrors the sales tax. Therefore, a use tax of 2.25% (Capital Improvement: 0.50%, General fund: 1.0%, Parks and Recreation: 0.25%, Transportation: 0.50%, Public Safety: 0.50%) is levied on all goods and commodities sold outside the City limits and delivered to locations within the City limits. This is commonly referred to as an e-commerce tax because the use tax is applied to most online purchases, but not to products purchased at a brick and mortar store. Use taxes also applies to vehicles and equipment purchased outside the City to be used and permanently located within Lee's Summit. The use tax does not apply to drugs and farm machinery. The State of Missouri receives the use tax revenues from the respective business and distributes the funds monthly to the City.

Parks & Recreation 1/4-Cent Sales Tax- Initially approved in November 1997 for 3/8-cent and renewed in 2016 for 1/4-cent, this revenue source is dedicated to Parks and Recreation improvements including completion of Legacy Park facilities, new park development, the Senior Center, and greenway development. This tax has a 15-year sunset provision, so it currently would end in 2033 unless it is renewed by the voters.

Transportation 1/2-Cent Sales Tax- Approved initially in the 1980s, this permanent tax is available to pay for transportation infrastructure improvements and major, capital maintenance. This tax supports all modes of transportation operated or maintained by the City. Transportation includes roadways, bike-ped, aviation, railroad, transit, bridges, traffic signals, master planning, other necessary work to plan, design, construct and maintain transportation infrastructure. Capital maintenance has included projects such as the annual asphalt mill and overlay, pavement marking, bridge deck rehabilitation, aviation pavements, railroad spur repairs; traffic signals; etc.).

Capital Improvement 1/2-Cent Sales Tax- Originally approved in 1997, this tax has been used in conjunction with the Road Excise tax to fund road improvements. The sales tax was renewed in 2007 with collection beginning in 2008 and ending in 2018. This renewal of the sales tax funded a second "10-year road plan". In April 2017, voters approved a 15-year extension of the tax with collection beginning in April 2018. In all, seven major road projects were identified as well as six other transportation related projects to be funded by the tax. Additionally, this renewed tax will also be used to fund stormwater infrastructure projects throughout the City.

Public Safety 1/2-Cent Sales Tax- The Public Safety Sales Tax (PSST) was approved by voters in April 2022. This tax is available to pay operational expenses and capital improvements for the Lee's Summit Fire and Police Departments. Operational expenses include salaries, training, services and equipment. These are programmed through the City's annual operation budget. Examples of capital expenses may include new facilities, facility renovations, larger equipment systems. Capital expenses larger the \$75,000 will be programmed through the annual Capital Improvement Plan process.

Road Excise Tax- Excise Tax is paid for development that generates new traffic in the City in the form of a license tax on building contractors. This revenue source is available for road improvements throughout the City that are required due to growth to at least some degree.

Transportation Development Districts/Community Improvement Districts- A geographic area may be designated to levy an additional sales or property tax assessment to pay for transportation or other applicable infrastructure improvements.

Tax Increment Financing- Provides for the capture of Economic Activity Taxes (Sales and Franchise) generated within the boundaries of a designated area to be used to finance infrastructure improvements. All of the incremental increases in real estate taxes are also captured from all taxing jurisdictions until the infrastructure is paid off.

BOND PROCEEDS

General Obligation (G.O.) Bonds- Bonds which are backed by the full faith and credit of the City and require voter approval. Limitations for bonding capacity are set by state statute.

Revenue Bonds- Bonds which are backed by the fees and charges of a business-like government function, payable only from a specific source of revenue. Simple majority voter approval required. Limitations for bonding capacity are not set by state statute but rather the entity's ability to repay the debt.

Certificates of Participation- A leasing structure that is backed by general revenues or fees and charges of a government. No voter approval is required. Limitations for financing capacity are determined by the market and the entity's ability to repay the debt.

Special Obligation Bonds- Bonds which are backed by general revenues or fees and charges of a government. No voter approval is required. Limitations for bonding capacity are determined by the market and the entity's ability to repay.

GRANT FUNDING

Grants may be received from federal, state or county governments. Grants are typically available for transportation, airport improvements, parks, and public safety equipment. The City also receives community development block grants (CDBG) for use in low-to-moderate income areas within the community. Equipment purchases and CDBG projects are not included in the CIP.

FEES AND CHARGES

Fees for direct receipt of public service by the parties who benefit from the service.

Parks and Recreation Activity Fees- Collected by Parks & Recreation Department for participation in various sports and recreation programs, aquatic instruction, and the Camp Summit and Club Summit daycare programs at the Recreation Center.

Park Impact Fees- Charges on new development that generates demand for parks facilities and services based on land use and is collected by the Parks & Recreation Department from builders. This revenue source is available for Parks and Recreation improvements throughout the City that are desired to accommodate growth to at least some degree.

Recreation Memberships- Membership fees collected for the Lee's Summit Pool and the Legacy Park Community Center.

Water Sales- Charges for supplying water to residential, commercial, industrial and wholesale customers.

Sewer Charges- Charges for providing wastewater collection and disposal services to residential, commercial and industrial customers.

Sewer Tap- The charge for a new sanitary sewer connection based on the number of drains in a structure and assessed at the time of building permit issuance.

Water Tap- The charge for a new water service connection based on the size of water meter required. Also included in the water tap fee is an amount which is intended to provide capital for the development of the City's water transmission capacity.

PRIVATE FUNDING

Amounts paid by developers, generally for specific infrastructure improvements, pursuant to development agreements between the City and those developers.

CAPITAL IMPROVEMENT PLAN FUNDING

The FY 2027-2031 Capital Improvement Plan has been divided into seven major categories, plus the Public Works and Water Utility Programs. The total estimated cost of all projects included in the five-year plan, including prior years, is \$746,500,000. A summary of the costs by category is summarized below.

2027-2031 CIP SUMMARY (Costs in \$1000s)

Category	Prior Years	% of Total	2025-29	% of Total
Public Works, WU & BERP Programs	\$ 13,991	4.6%	\$ 75,427	16.9%
Airport	\$ 32,267	10.7%	\$ 11,330	2.5%
Bridges, Streets and Signals*	\$ 108,423	36.0%	\$143,224	32.2%
Facilities	\$ 62,790	20.8%	\$ 32,180	7.2%
Parks and Recreation	\$ 66	0.0%	\$ 49,880	11.2%
Storm Water	\$ 31,856	10.6%	\$ 4,673	1.0%
Sanitary Sewer	\$ 22,407	7.4%	\$ 58,412	13.1%
Water	\$ 29,464	9.8%	\$ 70,111	15.7%
Total	\$ 301,263	100.0%	\$ 445,237	100.0%

Note:

* Costs include water and sewer funding associated with road construction.

CIP IMPACT ON OPERATING BUDGET

As part of the Capital Improvement Plan, the impact of each project on the City's operating budget is identified. As capital improvement projects are completed, operation and maintenance of these facilities must be absorbed into the appropriate department operating budget, which provides ongoing services to citizens. These operating costs, which may include salaries, equipment, regular maintenance, and repairs, are adjusted annually to accommodate growth and inflation in maintaining or improving service levels. In some cases, elimination of high-maintenance facilities may also reduce these operating costs. It is the City of Lee's Summit's philosophy that new projects should not be constructed if operating revenues are unavailable to cover the operating costs. These must be funded with recurring (ongoing) revenues. As a result, the availability of recurring revenues must be considered in the decision to include projects in the plan.

Draft Print

CIP PUBLICLY VOTED PROJECT COMMITMENTS

Capital improvements associated with financially constrained voter approved initiatives, limited to General Obligation Bonds and the Capital Improvement Sales Tax, typically include a list of projects, whether specifically prescribed by ballot language, or more generally in the statements of purpose and intent for each measure. As such, there's a related public expectation, City commitment, and financial responsibility to deliver these particular projects. Many of these approved voter initiatives span years beyond the 5-year Capital Improvement Plan (CIP). The following tables summarize those capital project commitments for each ballot measure/question and provide project status for reference.

Projects listed are capital improvements that have an expected cost appropriate for inclusion in the CIP and identified funds for implementation. Projects are not listed in priority schedule or sequence of delivery. For listed projects that are programmed in the CIP, labeled "CIP" in the Status, more information will be available in the CIP project sheets contained herein. Categories, such as Bridges, Streets, and Signals (BSS) match categories in the CIP document. Detail for projects which are not yet programmed in the CIP can be referenced in related ballot measure materials. Programming for these unprogrammed projects are subject to occur in future years of the annual CIP process based on cash flow, bond issuance, staff resources and City Council prioritization. Completed projects associated with voter initiatives are shown for tracking and related detail may be available upon request to the City.

2023 General Obligation Bond – Emergency Preparedness

Category	Project	Status
Facilities	Facility Reinvestment (6 Public Safety Buildings)	CIP
Facilities	Fire Station No. 1 Remodel or Replacement	CIP-Design
Facilities	Joint Operations Facility	CIP-Construction
Facilities	Police/Courts Building Renovation (Phase II)	CIP-Construction
Facilities	Property Acquisition/Design: Airport Fire Station	CIP
Facilities	Police South Substation-Renovate Fire Station 5	Completed

Note: *Property Acquisition for Airport Category is in the CIP. Design of the Fire Station Facility, part of the 10-year bond issue, is not yet programmed within the next five years.

2023 General Obligation Bond – Transportation

Category	Project	Status
Airport	Airport Hanger 2	Completed
Airport	Airport Property Acquisition	Completed
BSS	Douglas St. – Fifth St. to Blue Pkwy	CIP-Design
BSS	Lakewood Way – Bowlin Rd. to North City Limits	CIP
BSS	Lakewood Way – Woods Chapel to Bowlin Rd.	CIP-Design
BSS	Langsford Rd – M291 Hwy to East City Limits*	CIP
BSS	Longview Blvd – Longview Rd. to Scherer Pkwy	CIP
BSS	Scherer Pkwy – Sampson Rd. to M-291 Hwy	CIP-Design
BSS	Todd George Pkwy – Colbern to Woods Chapel	CIP-Design
BSS	Sidewalk Gap Program	CIP-Construction
Facilities	Facility Reinvestment (Transportation Related)	CIP

Note: *Langsford Road access management and traffic safety improvements requires completing the SE 5th Terrace neighborhood connectivity project as part of this to promote access to parks and schools.

2023 General Obligation Bond – City Facilities

Category	Project	Status
Facilities	City Hall Renovations	CIP-Design
Facilities	Public Works Operations Building Renovations	CIP-Design
Facilities	History Museum Exterior Restoration	Completed
Facilities	Building Reuse Prep.–Former Water Operations	Completed
Facilities	Enterprise Resource Planning Software	Deployment

2019 General Obligation Bond – Public Safety

Category	Project	Status
Facilities	Replace Fire Station #4	Completed
Facilities	Replace Fire Station #5	Completed
Facilities	Police/Courts Building Renovation (Phase I)	Completed
Facilities	Fiber Optic Infrastructure for Public Safety	Completed
Facilities	Police Video Systems	Completed

2017 CIP ½-Cent Sales Tax (15 Year) – Transportation & Stormwater

Category	Project	Status
BSS	3rd Street – Green to M291 Hwy	CIP
BSS	3rd Street – Jefferson to US50 Hwy	Completed
BSS	Colbern Road – M350 Hwy to Douglas Street	Completed
BSS	Curb Replacements (Residential Streets)	CIP (annual)
BSS	Douglas Street – Chipman to 2nd Street	CIP-construction
BSS	Downtown Parking (Phase 1 – Lot)	Completed
BSS	Downtown Parking (Phase 2 – Garage)	CIP
BSS	Independence Ave. – Chipman to 5th Street	CIP
BSS	Pryor Road (Phase 1) – Longview to Hook	CIP-Construction
BSS	Pryor Road (Phase 2) – Hook to M150 Hwy	CIP-Design
BSS	Scherer Rd. Interim Safety Improvements	Not Applicable
BSS	Sidewalk Gap Program	CIP-Construction
BSS	Street Light System Upgrades	Completed
BSS	Street Lights (Shenandoah Dr./Lakewood Blvd.)	Completed
BSS	Ward Road (Phase 1) – 2nd/Blue to O'Brien	CIP-Construction
BSS	Ward Road (Phase 2) – O'Brien to Chipman	CIP-Design
BSS	Set Aside Funding for MoDOT Partnerships	Varies
Parks and Rec.	Rock Island Trail Head (Hartman Park)	Completed
Stormwater	Streambank Erosion Mitigations	CIP-Design
Stormwater	Stormwater Infrastructure (Structural Flooding)	CIP-Construction
Stormwater	Corrugated Metal Pipe Replacements	CIP-Construction

2013 General Obligation Bond – Cultural Arts

Category	Project	Status
Facilities	Cultural Arts Campus Downtown (Green Street)	CIP-Construction
Parks and Rec.	Legacy Amphitheater Improvements	Completed

2007 CIP ½-Cent Sales Tax (10 Year) – Roads

Category	Project	Status
BSS	Bailey Road – M291 to Hamblen Road	Completed
BSS	Chipman Rd. – View High Dr. to Bent Tree	Completed
BSS	Hook Rd. Interim Improvement – Ward to M291	Completed
BSS	Jefferson Street – Persels to Stuart	Completed
BSS	Lee’s Summit Road – Colbern Rd to City Limits	Completed
BSS	Ward Road – M150 to South City Limits	Completed
BSS	*3 rd Street – Pryor to Murray	Completed
BSS	*5 th Terrace Connectivity Project	2023 Bond Issue
BSS	*Arterial Curb Replacements	Completed
BSS	*Blackwell Livability Project (Pedestrian Median)	Completed
BSS	*Commerce Drive – Tudor to Main St.	Completed
BSS	*Hook Rd. Interim Improvement – Ward to Pryor	Completed
BSS	*Jefferson Street – Oldham to Persels	Completed
BSS	*Langsford Road Culvert Replacement	Completed

Note:

* Project Commitments Added by City Council (2016) Funded by the Sales Tax Balance Considering Completed Commitments, Outstanding Project(s) & Remaining Revenue Forecast.

<this area intentionally left blank>

CIP ALIGNMENT WITH 2020 STRATEGIC AND iGNITE PLANS

Subjective evaluations were completed to evaluate how well each project supports the City's Strategic Plan and iGNITE Comprehensive plan. Project detail sheets in the CIP show a Consumer Reports type bubble chart to indicate alignment with these guiding plans. Generally, the Strategic Plan evaluation looks at how to the projects improve existing infrastructure and neighborhoods, whereas the iGNITE Comp Plan evaluations focus for on how well the project promotes expansion or improvements to facilitate future growth outlined in the Comp Plan.

The City issued a Strategic Plan Implementation Report dated August 26, 2020. This plan worked with Citizen, City Council, Community Partners and City Staff (C4) to develop 7 critical success factors to work toward the City's Vision and Mission in accordance the City's Core Values. The Strategic Plan 7 critical success factors are shown below.



<this area intentionally left blank>

An example of the strategic plan evaluation is shown in the table below.

Blank = not part of project	○ = small impact	◐ = some impact
◑ = moderate impact	◒ = moderate to significant impact	● = significant impact

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐	○	◒		◑
How well does this project impact current infrastructure conditions?	How well does this project support educational	How well does this project promote healthy lifestyle choices	How well does this project promote cultural arts or recreational amenities	How well does this project address previous community input, or promote future input	How well does this project address current, or near-term economic needs	How well does this project promote neighborhood connectivity, or improve existing neighborhoods

The iGNITE plan identified 7 essential elements of a successful community to create “a vibrant community ensuring the finest quality of life for all generations” over the next 20 years. This plan tends to focus on opportunities for future growth and land use, so the CIP project evaluations tended to look how well a project supports this future growth instead of addressing immediate needs. Understandably, the line between immediate and future needs may be subjective, but this process supports a wholistic approach to prioritizing projects.

Many CIP projects are identified through the master planning process. Water Utilities uses Water and Waste Water Master Plans to identify infrastructure needs 20 to 40 years into the future. Public Works has adopted a Thoroughfare Master Plan and Airport Master Plans. The City also has a Parks Master Plan, Greenway Master Plan, and other infrastructure plans to guide infrastructure project selection. All of these master plans are adopted by the Planning Commission as amendments to the iGNITE Comprehensive Plan. Through this master planning process, many CIP projects do not appear directly in the iGNITE plan, but they highly aligned with the overall a plan through this master planning process.

<this area intentionally left blank>

The iGNITE 7 essential elements of success are shown below.

Fuel Our Future Plan Elements

To continue to ignite "a vibrant community ensuring the finest quality of life for all generations" over the next 20 years, the Lee's Summit community created plans around seven essential elements of a successful community.



An example of the iGNITE plan evaluation is shown in the table below.

Blank = not part of project	○ = small impact	◐ = some impact
◑ = moderate impact	◒ = moderate to significant impact	● = significant impact

iGNITE Comprehensive Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
●		◐	○	◒		◑
How well does this promote healthy lifestyles, public safety, parks, healthcare, arts, and education	How well does this project promote and preserve housing choices as well as promote mutually supportive neighborhood	How well does this project promote growth, retention, and diversification of businesses and local tax base	How well does this project promote multi-modal transportation transit and safety	How well does this project expand infrastructure to support future growth	How well does this project preserve natural resources and promote the City's long-term financial stability	How well does this project promote growth and revitalization land use planning goals outlined in the iGNITE plan

CIP IMPACT ON LIVABLE STREETS*

In accordance with Resolution 10-17, A Resolution Establishing the Livable Streets Policy for the City of Lee's Summit, the Capital Improvement Plan shall include a summary or description of the Livable Streets Elements of all Public Improvement Projects. If a Livable Streets Element identified in and required by adopted public plans or ordinance is not incorporated in the project, such omission shall be documented in the Livable Streets Summary.

Livable Streets is not applicable to all capital improvement projects. Some capital improvement projects, including water, sewer, airport, storm water and solid waste, typically do not have relevant elements to Livable Streets nor do these projects inhibit or advance the Livable Streets initiative. Consequently, water, sewer, airport, storm water and solid waste projects have not been identified in the Livable Streets Summary unless a positive or negative Livable Streets impact exists.

The Livable Streets concept and Livable Streets Elements have been considered in all Capital Improvement Projects for all modes and abilities. The following Livable Streets Summary identifies each capital improvement project that has a potential impact to Livable Streets as well as a description of the included and omitted Livable Streets Elements (elements that have been identified with an asterisk are not required, but have been included in the project scope).

Bridges, Streets and Signals

Douglas Street – Chipman Road to Second Street:

Livable Streets Elements Included: Continuous Street Lighting, Sidewalk, Bike Route Accommodation, Bike Safety Improvement, Vehicular Safety Improvement, Vehicular Capacity Improvement, ADA Compliance, Streetscape Elements

Livable Streets Elements Omitted: None

Douglas Street – Blue Parkway to 4th Street:

Livable Streets Elements Included: Continuous Street Lighting, Sidewalk, Pedestrian Accommodation, Bike Safety Improvement, Vehicular Safety Improvement, ADA Compliance, Streetscape Elements

Livable Streets Elements Omitted: None

M291 North Interchange with US50:

Livable Streets Elements Included: Continuous Street Lighting, Sidewalk, Shared-Use Path, Traffic Signal Control with Pedestrian Actuation and Bicycle Friendly Signal Detection (i.e. Video or Radar), Vehicular Safety Improvement, Vehicular Capacity Improvement, Access Management and Street Realignment, ADA Compliance.

Livable Streets Elements Omitted: None

Olive and Orchard (reconstruct and stormwater):

Livable Streets Elements Included: Sidewalk, Bike Route Accommodation, Bike Safety Improvement, Vehicular Safety Improvement, Vehicular Capacity Improvement, ADA Compliance, Streetscape Elements

Livable Streets Elements Omitted: Continuous Street Lighting

Pryor Road – M150 Hwy to Longview Road (Project is split at Hook Road into two Phases):

Livable Streets Elements Included: Continuous Street Lighting, Sidewalk, Shared-Use Path, Vehicular Safety Improvement, Vehicular Capacity Improvement, Access Management, ADA Compliance, Traffic Signal Improvements.

Livable Streets Elements Omitted: None

Scherer Road – Ward Road to Jefferson Street:

Livable Streets Elements Included: Continuous Street Lighting, Sidewalk, Shared-Use Path, Vehicular Safety Improvement, Vehicular Capacity Improvement, Access Management, ADA Compliance, Traffic Signal Improvements.

Livable Streets Elements Omitted: None

Third Street Improvements – Johnson Street to M-291:

Livable Streets Elements Included: Continuous Street Lighting, Sidewalk, Access Management (Driveway Consolidation and Access Restrictions), Vehicular Safety Improvement, Vehicular Capacity Improvement, ADA Compliance, Streetscape Elements.

Livable Streets Elements Omitted: None

Ward Road & Persels Road Traffic Signal:

Livable Streets Elements Included: Sidewalk, Shared-Use Path/Regional Trail Crossings, ADA Compliance, Access Management and Street Realignment, Intersection Lighting, Traffic Signal Control with Pedestrian Actuation and Bicycle Friendly Signal Detection (i.e. Video or Radar), Vehicular Safety Improvement, Vehicular Capacity Improvement, and Pedestrian Safety Improvement.

Livable Streets Elements Omitted: None

Ward Road – Chipman Road to O'Brien Road:

Livable Streets Elements Included: Sidewalk, Safe Routes to School, Bike Route Accommodation, Bike Safety Improvement, Vehicular Safety Improvement, Vehicular Capacity Improvement, ADA Compliance

Livable Streets Elements Omitted: None

Ward Road – O'Brien Road to Blue Parkway:

Livable Streets Elements Included: Sidewalk, Safe Routes to School, Bike Route Accommodation, Bike Safety Improvement, Vehicular Safety Improvement, Vehicular Capacity Improvement, ADA Compliance

Livable Streets Elements Omitted: None

Facilities:

Although there are no particular Livable Streets elements planned within the City's streets rights-of-way as part of the facilities projects, the following projects foster active living and may include multimodal accommodations on-site and/or connectors to off-site multimodal facilities:

Parks:

Although there are no particular Livable Streets elements are planned within the City's streets rights-of-way as part of the parks projects, the following projects foster active living and may include multimodal accommodations on-site and/or connectors to off-site multimodal facilities

Preliminary

04/12/2026 4:12:43 PM

Capital Improvement Project																																
	No Construction/No Livable Street Impact	Pedestrian Capacity Impact	Pedestrian Safety Impact	Bicycle Capacity Impact	Bicycle Safety Impact	Vehicular Capacity Impact	Vehicular Safety Impact	Transit Impact	Pedestrian Furniture	Sidewalk	ADA Compliance	Shared-Use Path	Paved Shoulder	Share-The-Road /Signed Bike Route	Wide Curb Lane (14-16 ft)	Paved Shoulder Adjacent to Curb	Official Bicycle Lane	Street Gap Connectivity	Access Management (e.g. Raised Median)	Transit Facility/Transit Stop	Transit Operation	Bicycle Parking	Residential Traffic Calming	Continuous Street Lighting	Intersection Street Lighting	Landscaping	Roundabout(s) Intersection Control	Pedestrian Signal Improvements	Traffic Signal Improvements	Signal Improvements w/Pedestrian Detection	Signal Improvements w/Bike Friendly Detection	
Programs (City-Wide)																																
Community Bus Service – ATA/OATS								+														★										
Neighborhood Traffic Safety Program			+			-	+	-															★									
Annual Curb and Gutter Replacement Program			+							●	●																					
Residential Street Reconstruction Program		+	+		+		+			●	●														●							
Sidewalk Improvements (gap connections)		+	+		+		+			●	●																					
Other Programs (e.g. Marking, Planning, Overlay, Etc.)							+																									
Bridges, Streets and Signals																																
Dick Howser Drive Bridge over Boat Channel Deck repair	X									●	●			★	★																	
Douglas Street, Second Street to Chipman Road		+	+	+	+	+	+			●	●	●		★	●										★				●			
Douglas Street, Blue Parkway to 4th Street		+	+	+	+	+	+			●	●			★	●										★							
Downtown Parking Garage			+			+	+		★	●	●								★	●	●											
Independence Ave, 5th Street to Chipman		+	+	+	+	+	+			●	●			★	●										★							
Johnson Street - 3rd Street to 2nd		+	+		+	+				●	●			★	●										★							
Lakewood Blvd. Spillway Bridge Deck Rehab	X									●	●			★	★																	
Lakewood Way - Woods Chapel Rd. to Bowlin Rd.		+	+	+	+		+			●	●	★			●										●							
Lakewood Way - Bowlin Rd. to North City Limits		+	+	+	+		+			●	●		●	★										●								

Preliminary

04/12/2026 4:12:43 PM

Capital Improvement Project	No Construction/No Livable Street Impact	Pedestrian Capacity Impact	Pedestrian Safety Impact	Bicycle Capacity Impact	Bicycle Safety Impact	Vehicular Capacity Impact	Vehicular Safety Impact	Transit Impact	Pedestrian Furniture	Sidewalk	ADA Compliance	Shared-Use Path	Paved Shoulder	Share-The-Road /Signed Bike Route	Wide Curb Lane (14-16 ft)	Paved Shoulder Adjacent to Curb	Official Bicycle Lane	Street Gap Connectivity	Access Management (e.g. Raised Median)	Transit Facility/Transit Stop	Transit Operation	Bicycle Parking	Residential Traffic Calming	Continuous Street Lighting	Intersection Street Lighting	Landscaping	Roundabout(s) Intersection Control	Pedestrian Signal Improvements	Traffic Signal Improvements	Signal Improvements w/Pedestrian Detection	Signal Improvements w/Bike Friendly Detection
Langsford Road - M291 Hwy to East City Limits			+		+	+	+			●	●							●	●									●	●	●	
Longview Blvd - Longview Road to Scherer Pkwy		+	+	+	+	+	+			●	●	●							●					●	●	●		●	●	●	
M291 North Interchange with US50		+	+	+	+	+	+	+		●	●	●													●	★				★	★
Olive and Orchard (reconstruct and stormwater)		+	+	+	+	+	+			●	●			★											●					★	
Pryor Road Widening Phase 1, Hook to Longview Road		+	+	+	+	+	+	+		●	●	●							●					★		★			★	★	
Oldham Pkwy (US 50 S. Outer Rd), Todd George to Blackwell			+		+	+	+				●		●	●											●						
Pryor Road Widening Phase 2, M-150 to Hook Road		+	+	+	+	+	+	+		●	●	●									●			★						★	★
Scherer Road Reconstruction, Sampson to M-291			+	+	+	+	+	+			●	●	●							●					●	●	●		●	●	●
Third Street Improvements, Johnson to M-291		+	+	+	+	+	+			●	●	●												★						●	
Todd George Parkway, Colbern Rd to Woods Chapel		+	+	+	+	+	+			●	●	★							●					●		●			●	●	
Ward Road & Persels Signal		+	+	+	+	+	+	+		●	●	●							●						●	★		●	●	●	★
Ward Road Ph. 1 Blue Parkway to O'Brien		+	+	+	+	+	+			●	●	●			●		★							★		★	★				
Ward Road Ph. 2 O'Brien to Chipman		+	+	+	+	+	+			●	●	●			●		★							★						●	
Parks																															
Miscellaneous Projects		+	+	+	+				●	●	●	●										★				★					
Water, Sewer, Storm Water, Solid Waste, Airport																															
Miscellaneous Projects		+	+	+	+	+	+																								

Preliminary

04/12/2026 4:12:43 PM

-  - *Project may have a positive impact to the Livable Streets transportation mode choice.*
-  - *Project may have a negative impact to the Livable Streets transportation mode choice.*
-  - *Livable Streets Element is included in project scope although it is not required by Ordinance or Adopted Plan.*
-  - *Livable Streets Element is included in project scope in accordance with Ordinance requirement or Adopted Plan.*
-  - *Livable Streets Element is omitted from project scope otherwise required by Ordinance or Adopted Plan. See Project Information listed in the Livable Streets Summary for an explanation of the omitted Livable Streets Element.*

Capital Improvement Plan *2027-2031*

AIRPORT



Preliminary

04/12/2026 4:12:43 PM

AIRPORT (Costs in \$1,000s)

Project	Prior Yrs.	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Hangar 2	14,600	-	-	-	-	-	14,600
New Airport SRE (Equipment Maintenance / Storage Facility)	-	-	-	-	300	1,700	2,000
New Fuel Farm Facility	-	-	-	-	300	1,330	1,630
New Fuel Self Serve Facility (West Side)	-	-	-	600	-	-	600
Air Traffic Control Tower Design	-	1,000	1,000	-	-	-	2,000
New Terminal Building	10,767	900	-	-	-	-	11,667
Reseal Joint and Marking South Apron	-	-	-	-	200	-	200
Site Development - East Side Terminal Area, Reseal East Apron	4,900	-	-	-	-	-	4,900
Southeast Hangar Development	2,000	2,000	-	-	-	-	4,000
West Apron Reconstruction (two phases)	-	-	1,000	1,000	-	-	2,000
Total	32,267	3,900	2,000	1,600	800	3,030	43,597

Airport Transportation Sales Tax Distribution (Costs in \$1,000s)

Project	Prior Yrs.	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Hangar 2	7,800	-	-	-	-	-	7,800
New Airport SRE (Equipment Maintenance / Storage Facility)	-	-	-	-	300	1,700	2,000
New Fuel Farm Facility	-	-	-	-	300	1,330	1,630
New Fuel Self Serve Facility (West Side)	-	-	-	600	-	-	600
Air Traffic Control Tower Design	-	1,000	1,000	-	-	-	2,000
New Terminal Building	5,563	900	-	-	-	-	6,463
Reseal Joint and Marking South Apron	-	-	-	-	50	-	50
Site Development - East Side Terminal Area, Reseal East Apron	4,900	-	-	-	-	-	4,900
Southeast Hangar Development	2,000	847	-	-	-	-	2,847
West Apron Reconstruction	-	-	550	550	-	-	1,100
Total	20,263	2,747	1,550	1,150	650	3,030	29,390
Anticipated Federal Grants		1,153	450	450	150	-	

Preliminary

04/12/2026 4:12:44 PM

AIRPORT CONCEPTUAL CALENDAR

Project	2026		2027		2028		2029		2030		2031		Out Yrs.
Hangar 2													
Site Development - East Side Terminal Area, Reseal East Apron													
New Terminal Building													
Southeast Hangar Development													
Air Traffic Control Tower Design													
West Apron Reconstruction (two phases)													
New Fuel Self Serve Facility (West Side)													
New Airport SRE (Equipment Maintenance / Storage Facility)													
New Fuel Farm Facility													
Reseal Joint and Marking South Apron													

 Pre-Construction Activities (Design, Property Acquisition, Permitting, Utility Relocation)
 Construction Activities (Construction, Utility Relocation)

Project Title: Hangar 2

Type: Airport

Project No. P-115

Project Description

This project is the construction of a additional new 40,000 SF box hangar to be constructed as part of the new development of the terminal area on the east side of Runway 18-36 for the purpose of storing aircraft. The budget includes 20,000 SF of office space (two story 10,000 SF each). 10,000 SF will be dedicated for terminal space with the remaining being used by the LSR7 School District to house an Aerospace Academy. Budget includes all furniture, technology and equipment necessary for the operation of the Hangar and terminal space.

Project Purpose

The Airport provides aircraft storage facilities for various size aircraft. This project would provide additional storage space for large corporate aircraft which the Airport currently only has one hangar facility that is capable to perform this function. Hangar 1 on the westside of the Airport is full and unable to handle any additional aircraft. This facility is a revenue generator that is expected to pay for itself over the life of the facility. This facility will also be used for terminal and Aerospace Academy.

Estimated Schedule

Design	2023/2024
Construction	2024/2025

Funding Sources

Transportation Sales Tax (F320)	\$7,800,000 (FY23-26)
2023 NTIB Transportation (F340)	\$6,000,000 (FY25)
Partnership	\$ 800,000 (FY25)
Total Lifetime Budget	\$14,600,000

Estimated Annual Operating and Maintenance

\$40,000.00

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
	●			●	●	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
●		●		●	●	

Project Title: New Airport SRE (Equipment Maintenance/Storage Facility)

Type: Airport	Project No.han
---------------	----------------

Project Description

This project includes a new Airport Equipment Maintenance/Storage facility to be constructed as shown in the adopted Master Plan Update. This project also includes the funding for infrastructure development necessary for the construction of the Airport Equipment Facility.

Project Purpose

The relocation of the west parallel taxiway resulted in the demolition of two rows of existing hangars, some of which were used for equipment storage and maintenance. This project provides the new facility to replace the existing spaces that were lost.

Estimated Schedule

Design and Right of Way Acquisition	2029
Construction	2030

Funding Sources

Transportation Sales Tax (F320)	\$2,000,000
Total Lifetime Budget	\$2,000,000

Estimated Annual Operating and Maintenance

\$16,000

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●					◐	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
●		◐			●	●

Project Title: New Fuel Farm Facility

Type: Airport	Project no.
---------------	-------------

Project Description

This project includes a new fuel farm facility to be constructed as shown in the adopted Master Plan Update. This project also includes the funding for infrastructure development necessary for the construction of the fuel farm Facility.

Project Purpose

The relocation and construction of the middle section of Taxiway A results in the demolition of the existing fuel facility. This project replaces the fuel facility.

Estimated Schedule

Design	2029
Construction	2029-2030

Funding Sources

Transportation Sales Tax (F320)	\$1,630,000
Total Lifetime Budget	\$1,630,000

Estimated Annual Operating and Maintenance

No change to current maintenance costs.

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
	●			●	●	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
		●		●	●	●

Project Title: New Fuel Self Serve Facility (West Side)

Type: Airport

Project No.

Project Description

This project includes the replacement of the two existing underground fuel tanks and dispensing systems that are located North of the existing Administration building. Both tanks will be replaced with above ground self contained automated dispensing fuel systems. The two existing tanks must be removed as part of the construction of the Middle Section of Taxiway A project as well as the removal of the existing Terminal building project. One of the existing underground tanks will be over 40-years old and the other 35-years by the time they are replaced. Both existing tanks are of the age that they are subject to denile of their annual operations renewal by the State Agriculuture Department.

Project Purpose

The construction of the middle section of Taxiway Alpha and the relocation of the existing Terminal building to the east side of the Airport results in the requirement of the removal of the two underground fuel systems. This project provides the replacement of two new fuel dispensing systems that will be removed.

Estimated Schedule

Design	2029
Construction	2029

Funding Sources

Transportation Sales Tax (F320)	\$600,000
Total Lifetime Budget	\$600,000

Estimated Annual Operating and Maintenance

\$3,500

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
					●	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
		●		●	○	●

Project Title: Air Traffic Control Tower Design	
Type: Airport	Project No.fuel

Project Description
This project is for the design of an air traffic contraol tower at the Kansas City-Lee's Summit Regional Airport. The airport was recently accepted in the FAA Tower Program due to the continued growth at the airport.

Project Purpose
The Airport Master Plan Update includes an air traffic control tower to promote aviation safety. Moving forward with design will allow the City to compete for grant funding to contrurct the tower.

Estimated Schedule	
Design	2027-28

Funding Sources	
Transportation Sales Tax (F320)	\$2,000,000
Total Lifetime Budget	\$2,000,000

Estimated Annual Operating and Maintenance
\$30,000

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	●			●	●	

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
●		●		●	●	●

Project Title: New Terminal Building

Type: Airport

Project No. P-102

Project Description

This project is for the design and construction of a new terminal building to be constructed as part of the east side terminal area development . This project is eligible for ATP Funds thru the Bipartisan Infrastructure Law.

Project Purpose

The Airport Master Plan Update includes a modern terminal building as part of the east side development. The new facility will include modern day design and material considerations. It will also enable the future relocation of the remainder of Parallel Taxiway A to meet C-II design.

Estimated Schedule

Design	2024
Construction	2025-2026

Funding Sources

Transportation Sales Tax (F330)	\$6,463,000
State/Federal	\$5,204,000
Total Lifetime Budget	\$11,667,000

Estimated Annual Operating and Maintenance

\$30,000

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	●			●	●	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
●		●		●	●	●

Project Title: Reseal Joint and Marking of South Apron

Type: Airport	Project No.
---------------	-------------

Project Description

This project consists of the removal and replacement of joint seal material, spall repairs and remarking of South Apron area.

Project Purpose

The existing concrete apron is over nineteen years old and as part of the airport's pavement maintenance program the joint seal material requires replacement periodically throughout the life of the pavement. Daily pavement inspections provide feedback on the condition of pavement conditions. Based on observations this apron area is nearing that period which will require the replacement of the joint seal material, and spall repair of any concrete areas that are breaking up as well as the remarking of the pavement. Activity on this apron was light to moderate until the purchase of Hangar 1 in late 2016. This apron area now handles the majority of all transient traffic including all corporate jet aircraft traffic. This work is necessary to prevent Foreign Object Damage (FOD) from becoming an issue which could result in damage to jet aircraft engines.

Estimated Schedule

Design	2029
Construction	2029

Funding Sources

Transportation Sales Tax (F300)	\$ 50,000
State/Federal	\$150,000
Total Lifetime Budget	\$200,000

Estimated Annual Operating and Maintenance

No change to current maintenance costs.

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●				●	●	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustainable	Land Use & Design
		●			●	

Project Title: Site Development – East Side Terminal Area

Type: Airport	Project No. P-103
---------------	-------------------

Project Description

This project consists of the construction of infrastructure to support development of the east side Terminal area.

Project Purpose

Provide infrastructural development of the East Terminal area to support development of the new Hangar 2 / Terminal space and aviation facilities in the south quadrant. Improvements consist of water, sewer, gas, road access and parking area.

Estimated Schedule

Design	2024
Construction	2024 - 2025

Funding Sources

Transportation Sales Tax (F300)	\$4,900,000
Total Lifetime Budget	\$4,900,000

Estimated Annual Operating and Maintenance

\$2,000

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	●		●	●	●	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
●		●	●	●	●	●

Project Title: Southeast Hangar Development

Type: Airport

Project No. P-293

Project Description

This project consists of constructing the necessary public infrastructure to support the southeast hangar development as shown in the adopted Airport Master Plan Update. Specifically, this project will include grading for eight hangar pads, taxilanes, access roads, drainage and utilities.

Project Purpose

With the construction of the Eastside Terminal Area well underway, demand for hangars on the east side of the airport has increased significantly. To meet this demand, the public infrastructure necessary to support the hangar construction must be completed.

Estimated Schedule

Design

2025-26

Construction

2027

Funding Sources

Transportation Sales Tax (F300)

\$ 4,000,000

Total Lifetime Budget

\$ 4,000,000

Estimated Annual Operating and Maintenance

10,000

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	●		●		●	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
		●	●	●	●	●

Project Title: West Apron Reconstruction

Type: Airport	Project No.
---------------	-------------

Project Description

This project consists replacing the west asphalt apron area. Much of this pavement was part of the original airport and is nearing the end of its useful life. The construction of a new hangar along this ramp space will also increase the amount of traffic this apron is currently seeing. This project will be broken into two phases to utilize the City's Non Primary Entitlement grant funds.

Project Purpose

Removal of the current asphalt ramp that is nearing the end of its useful life and replace with new. This new ramp will better service our customers utilizing the west side of the field as well as the two FBO's currently providing A&P and Avionics repair services.

Estimated Schedule

Design	2026 - 2027
Construction	2026 - 2027

Funding Sources

Transportation Sales Tax (F320)	\$ 1,100,000
State/Federal	\$ 900,000
Total Lifetime Budget	\$ 2,000,000

Estimated Annual Operating and Maintenance

No change to current maintenance costs.

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●				●	●	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustainable	Land Use & Design
-----------------	---------------	----------------------	-------------	--------------------------	-------------	-------------------

Capital Improvement Plan *2027-2031*

BRIDGE, STREETS, and SIGNALS



CONSTRUCTION 2026 - 27

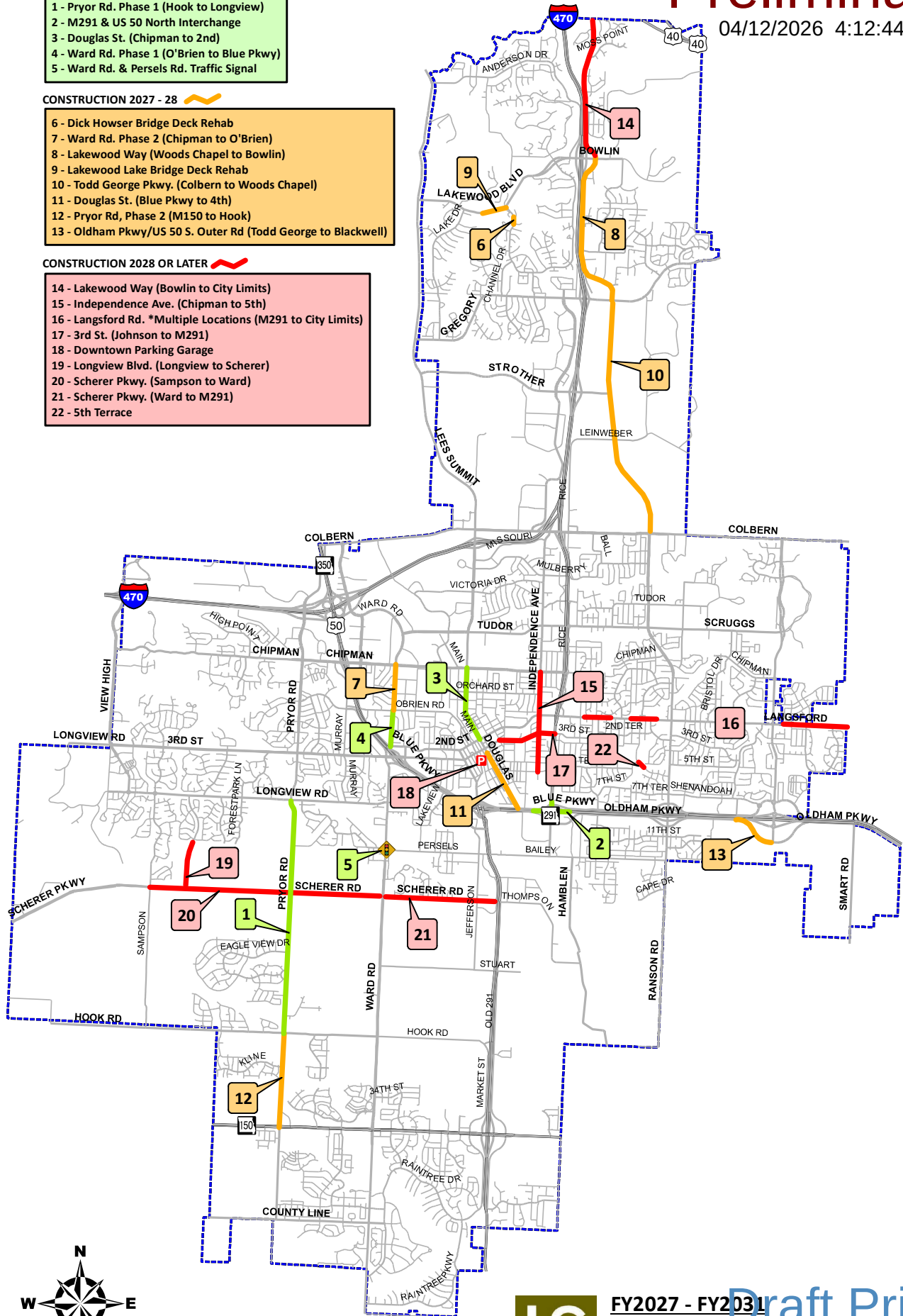
- 1 - Pryor Rd. Phase 1 (Hook to Longview)
- 2 - M291 & US 50 North Interchange
- 3 - Douglas St. (Chipman to 2nd)
- 4 - Ward Rd. Phase 1 (O'Brien to Blue Pkwy)
- 5 - Ward Rd. & Persels Rd. Traffic Signal

CONSTRUCTION 2027 - 28

- 6 - Dick Howser Bridge Deck Rehab
- 7 - Ward Rd. Phase 2 (Chipman to O'Brien)
- 8 - Lakewood Way (Woods Chapel to Bowlin)
- 9 - Lakewood Lake Bridge Deck Rehab
- 10 - Todd George Pkwy. (Colbern to Woods Chapel)
- 11 - Douglas St. (Blue Pkwy to 4th)
- 12 - Pryor Rd. Phase 2 (M150 to Hook)
- 13 - Oldham Pkwy/US 50 S. Outer Rd (Todd George to Blackwell)

CONSTRUCTION 2028 OR LATER

- 14 - Lakewood Way (Bowlin to City Limits)
- 15 - Independence Ave. (Chipman to 5th)
- 16 - Langsford Rd. *Multiple Locations (M291 to City Limits)
- 17 - 3rd St. (Johnson to M291)
- 18 - Downtown Parking Garage
- 19 - Longview Blvd. (Longview to Scherer)
- 20 - Scherer Pkwy. (Sampson to Ward)
- 21 - Scherer Pkwy. (Ward to M291)
- 22 - 5th Terrace



FY2027 - FY2031

STREET AND SIGNAL

CAPITAL IMPROVEMENTS

Draft Print

04/12/2026 4:13:34 PM

Preliminary

04/12/2026 4:12:44 PM

BRIDGES, STREETS & SIGNALS

(Costs in \$1,000s)

Project	Prior Yrs.	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Chipman Road Signal Controller & Detection Upgrades	125	200	-	-	-	-	325
Dick Howser Drive Bridge over Boat Channel Deck Rehab	100	2,300	-	-	-	-	2,400
Douglas Street - Chipman Road to 2nd Street	11,352	-	-	-	-	-	11,352
Douglas Street - Blue Parkway to 4th Street	1,550	5,500	-	-	-	-	7,050
Downtown Parking Garage	-	1,500	-	2,000	5,000	-	8,500
Independence Ave - Phase 1: 2nd St to Chipman Rd	-	500	500	3,500	1,000	2,500	8,000
Lakewood Lake Spillway Bridge Deck Rehab	700	310	-	-	-	-	1,010
Lakewood Way - Woods Chapel Rd. to Bowlin Rd.	350	4,436	4,515	-	-	-	9,301
Lakewood Way - Bowlin Rd. to North City Limits	-	500	500	1,000	7,250	-	9,250
Langsford Road - 291 Hwy to East City Limits	-	-	750	1,500	2,750	-	5,000
Longview Blvd - Longview Road to Scherer Pkwy	-	-	-	-	1,500	2,350	3,850
M291 North Interchange with US50	29,641	-	-	-	-	-	29,641
Oldham Pkwy/US 50 S. Outer Rd Todd George to Blackwell	-	-	1,500	3,000	-	-	4,500
Pryor Road Widening Phase 1 - Hook to Longview	34,097	-	-	-	-	-	34,097
Pryor Road Widening Phase 2 - M150 to Hook	4,217	1,000	4,603	2,000	-	-	11,820
Scherer Road Reconstruction - Ward Road to M291 Hwy	2,675	2,800	7,788	-	-	-	13,263
Scherer Pkwy Reconstruction - Sampson Road to Ward Road	690	-	2,310	3,000	25,111	-	31,111
Sidewalk Improvements	5,000	1,500	2,000	-	-	-	8,500
Third Street Improvements (east) - Johnson St to M-291	906	-	-	-	1,500	3,500	5,906
Thoroughfare Master Plan and Construction Specs Rewrite	-	500	-	-	-	-	500
Todd George Parkway - Colbern Road to Woods Chapel Road	-	24,000	-	-	-	-	24,000
Ward Road & Persels Road Signal	8,566	1,648	-	-	-	-	10,214
Ward Road Phase 1 - NW O'Brien Road to Blue Parkway	6,000	157	-	-	-	-	6,157
Ward Road Phase 2- Chipman Road to NW O'Brien	2,454	3,446	-	-	-	-	5,900
Subtotal	108,423	50,297	24,466	16,000	44,111	8,350	251,647
Less water and sewer funds included in totals	10,123	1,188	1,009	0	0	0	12,320
Total Transporation Funding	98,300	49,109	23,457	16,000	44,111	8,350	239,327

Preliminary

04/12/2026 4:12:44 PM

BRIDGE, STREET & SIGNAL CONCEPTUAL CALENDAR

Project	2026	2027	2028	2029	2030	2031	Out Yrs.
Chipman Road Signal Controller & Detection Upgrades							
Pryor Road Widening Phase 1 - Hook to Longview							
M291 North Interchange with US50							
Douglas Street - Chipman Road to 2nd Street							
Sidewalk Improvements							
Ward Road & Persels Road Signal							
Ward Road Phase 2- Chipman Road to NW O'Brien							
Chipman Road Signal Controller & Detection Upgrades							
Dick Howser Drive Bridge over Boat Channel Deck Rehab							
Douglas Street - Blue Parkway to 4th Street							
Lakewood Lake Spillway Bridge Deck Rehab							
Lakewood Way - Woods Chapel Rd. to Bowlin Rd.							
Pryor Road Widening Phase 2 - M150 to Hook							
Scherer Road Reconstruction - Ward Road to M291 Hwy							
Todd George Parkway - Colbern Road to Woods Chapel Road							
Thoroughfare Master Plan and Construction Specs Rewrite							
Downtown Parking Garage							
Independence Ave - Phase 1: 2nd St to Chipman Rd							
Lakewood Way - Bowlin Rd. to North City Limits							
Langsford Road - 291 Hwy to East City Limits							
Oldham Pkwy/US 50 S. Outer Rd Todd George to Blackwell							
Scherer Pkwy Reconstruction - Sampson Road to Ward Road							
Longview Blvd - Longview Road to Scherer Pkwy							
Third Street Improvements (east) - Johnson St to M-291							

 Pre-Construction Activities (Design, Property Acquisition, Permitting, Utility Relocation)
 Construction Activities (Construction, Utility Relocation)

Project Title: Chipman Road Signal Controller and Detection

Type: BSS

Project No. P-268

Project Description

The project includes replacing aging traffic signal infrastructure. Detection systems and controllers will be replaced on various signals based on the condition of assets.

Project Purpose

This project is a necessary part of asset management for life-cycle replacement of vital components that are part of the City's transportation infrastructure.

Estimated Schedule

Procure and Install equipment 2026 - 2027

Anticipated Delivery Method: Job Order (e.g. Indefinite or On-Call)

Funding Sources

Transportation Sales Tax (F320) \$ 125,000

CMAQ – 3338(405) Grant \$ 200,000

Total Lifetime Budget \$ 325,000

Estimated Annual Operating and Maintenance

\$ 3,500

Capitalization: Procured Materials/Supplies Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	○	◐	◐	○		○

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
◐	○		●		●	

Dick Howser Drive Bridge Deck Rehabilitation

Type: Bridges, Streets & Signals | Project No. P-269

Project Description

This project will repair the roadway bridge deck, joint seals, rockers, for bridge on Dick Howser Drive over the boat channel. The City completed a study through MoDOT's Bridge Engineering Assistance Program (BEAP). The study was paid by MoDOT as part of the BEAP program. That study recommended repairs to extend the life if the bridge.

Project Purpose

The project will extend the life of the bridge on Dick Howser Drive at a fraction of the cost to replace the structure.

Estimated Schedule

Design/Bid	2026
Construction	2027

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

CIP Sales Tax Renewal (2017) (F300)	\$ 2,100,000 (FY26-27)
Water Construction Fund (F503)	\$ 300,000

Total Lifetime Budget	\$ 2,400,000
------------------------------	---------------------

Estimated Annual Operating and Maintenance

\$0 - Rehab Reduces O&M

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		●		○		○

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	○		●		○	...

Project Title: Douglas Street Improvements – Chipman Road to 2nd Street

Type: Bridges, Streets & Signals | Project No. P-106

Project Description

This project will improve Douglas Street from 2nd Street to Chipman Road. The project includes, but is not limited to, paving, sidewalks, curb, storm drainage work, street lighting.

Project Purpose

This project will re-construct the existing infrastructure that has been deteriorated over the long life of the pavement. Records do not indicate when the street was built, but the recorded plats and home building permits date from 1887 through the 1920's. Over time, filling the underlying curb with asphalt, soil settlement, tree root damage, and age have created failed sidewalks and poor drainage in this area. The street was built long before the City adopted a livable streets policy and the recent downtown revitalization efforts identified gateways to downtown. Douglas Street is one of the downtown gateway projects approved by voters as part of the 2017 CIP Sales Tax renewal. The project supports the City's Livable Streets Policy.

Estimated Schedule

Design and Right of Way Acquisition	2023-2026
Construction	2026-2027

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

CIP Sales Tax Renewal (2017) (F300)	\$7,314,000
TAP Grant Funding (F300)	\$ 900,000
Water Construction (F503)	\$1,300,000 (FY24-27)
Sewer Construction (F504)	\$ 60,000 (FY24-27)
Total Lifetime Budget	\$ 9,574,000

Estimated Annual Operating and Maintenance

\$30,000

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	○	◐	◐	◐		●

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
●	●		●	◐	◐	◐

Project Title: Douglas Street Improvements – Blue Parkway to 4th Street

Type: Bridges, Streets & Signals | Project No. P-178

Project Description

This project will improve Douglas Street from Blue Parkway to 4th Street and pedestrian access along SW 4th Street between West Main and East Main streets. The project includes, but is not limited to, paving, sidewalks, curb, storm drainage work, street lighting.

Project Purpose

This project will re-construct the existing infrastructure that has deteriorated over the long life of the roadway. The City has received many service requests in this area related to roadside ditching, stormwater, sidewalks, routes to school. The project supports the City's Livable Streets Policy.

Estimated Schedule

Design and Right of Way Acquisition	2024-2026
Construction	2026-2027

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

April 2023 NTIB – Transportation (F340)	\$5,300,000 (FY25-28)*
TAP Grant (F300)	\$1,500,000 (FY27-28)
Water Construction (F503)	\$ 250,000 (FY26-27)

Total Lifetime Budget \$ 7,050,000

*Note: Bond issue projects include maximum issuance approved by voters plus bond premiums to offset impacts of inflation, design modifications, and unknowns at time of bond election.

Estimated Annual Operating and Maintenance

\$20,000

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	●	●	●	●		●

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
●	●		●	○	●	●

Project Title: Downtown Parking Garage

Type: Bridges, Streets & Signals | Project No. P-270

Project Description

This project will result in additional public parking in the downtown central business district. This project will be split into phases, with the intent of acquiring the property early due to increasing real estate prices.

Project Purpose

Provide additional public parking within the downtown area to meet current and future parking demand. More public parking will also better accommodate downtown economic growth and re-development activity. Additional public parking has consistently been recommended in various downtown parking studies and downtown master plans since 2001.

Estimated Schedule

Property Acquisition	2026-2028
Construction	2030-2032

Anticipated Delivery Method: Public-Private Partnership

Funding Sources

CIP Sales Tax Renewal (2017)	\$8,500,000 (FY26, 29-30)
Total Lifetime Budget	\$8,500,000

Estimated Annual Operating and Maintenance

\$10,000

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
			●	●	●	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
○		●		●		●

Project Title: Independence Avenue – Phase 1 2nd Street to Chipman Road

Type: Bridges, Streets & Signals | Project No. P-271-1

Project Description

This project will improve Independence Avenue from 5th Street to Chipman Road in two phases. This project will add sidewalks, curb, storm drainage work, and street lighting.

Project Purpose

This project will re-construct the existing infrastructure that has deteriorated over the long life of the pavement. Independence Avenue will be the last minor arterial / collector road in the downtown core area to be improved to current standards with curb, gutter, street lighting, and other amenities to walkable neighborhoods..

Estimated Schedule

Design and Right of Way Acquisition	2026-2029
Construction	2029-2030

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

CIP Sales Tax Renewal (2017) (F300)	\$4,500,000 (FY27-30)
Total Lifetime Budget	\$ 4,500,000

Estimated Annual Operating and Maintenance

\$20,000

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	○	●	◐	○		●

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
●	●		●	○	◐	◐

Project Title: Independence Avenue – Phase 2 2nd St to 5th Street

Type: Bridges, Streets & Signals | Project No. P-271-2

Project Description

This project will improve Independence Avenue from 5th Street to Chipman Road in two phases. This project will add sidewalks, curb, storm drainage work, and street lighting.

Project Purpose

This project will re-construct the existing infrastructure that has deteriorated over the long life of the pavement. Independence Avenue will be the last minor arterial / collector road in the downtown core area to be improved to current standards with curb, gutter, street lighting, and other amenities to walkable neighborhoods..

Estimated Schedule

Design and Right of Way Acquisition	2026-2029
Construction	2029-2030

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

CIP Sales Tax Renewal (2017) (F300)	\$3,500,000 (FY32 and later))
Total Lifetime Budget	\$ 3,500,000 (Phase 2)

Estimated Annual Operating and Maintenance

\$20,000

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	○	●	◐	○		●

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
●	●		●	○	◐	◐

Lakewood Blvd. Spillway Bridge Deck Rehabilitation

Type: Bridges, Streets & Signals | Activity # 1087.32272

Project Description

This project will repair the roadway bridge deck, and structural supports, for the segment of Lakewood Blvd. that passes over the spillway on the Lakewood Dam. The dam and spillway are privately owned, but the roadway is maintained by the City. The City completed a study through MoDOT's Bridge Engineering Assistance Program (BEAP). The study was paid by MoDOT as part of the BEAP program. That study recommended repairs to extend the life of the bridge.

Project Purpose

The project will extend the life of the bridge on Lakewood Blvd. Parkway at a fraction of the cost to replace the structure.

Estimated Schedule

Design	2025
Construction	2026

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

CIP Sales Tax Renewal (2017) (F300)	\$ 1,010,000
Total Lifetime Budget	\$ 1,010,000

Estimated Annual Operating and Maintenance

\$0 - Rehab Reduces O&M

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐		◐		◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
◐	◐		●		●	

Project Title: Lakewood Way – Woods Chapel to Bowlin Road (Phase 1)

Type: Bridges, Streets & Signals | Project No. P-215

Project Description

This project will improve Lakewood Way from Woods Chapel to Bowlin Road. This project will add curb along the east side, turn lanes and sidewalks. This segment provides access to a middle school, commercial and industrial areas along the road, as well as residential. The west side of the road abuts MoDOT right of way along I-470, so improvement along the west edge of the roadway may be limited. Also, sections of the pavement need significant rehabilitation work that is beyond the normal mill and overlay program.

Project Purpose

Improve safety, traffic operations, improve accessibility, provide multimodal transportation options, and rehabilitate the existing pavement.

Estimated Schedule

Design and Right of Way Acquisition	2026-2027
Construction	2027-2029

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

April 2023 NTIB (F340)	\$4,786,000* (FY26-27)
STBG Grant (F300)	\$1,190,000 (Federal FY27)
2017 CIP Sales Tax Renewal (F300)	\$3,325,000 (FY28)

Total Lifetime Budget \$9,301,000

*Note: Bond issue projects include maximum issuance approved by voters plus bond premiums to offset impacts of inflation, design modifications, and unknowns at time of bond election.

Estimated Annual Operating and Maintenance

\$15,000

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	○	●		●		●

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
●	●	○	●	●	●	○

Project Title: Lakewood Way – Bowlin Road to North City Limits (Phase 2)	
Type: Bridges, Streets & Signals	Project No. P-264

Project Description
This project will improve Lakewood Way from Bowlin Road to the North City Limits. This project may add curb or shoulders in some areas, add turn lanes, and add sidewalks. This segment provides access to residential areas and US 40 Highway north of the City limits. There may be some slight realignment or improvements near the Bowlin Road signal. The southern portion roadway needs rehabilitation work that is beyond the normal mill and overlay program. The northern segment may only need edge drains and re-surfacing due to the rock base underlying the pavement.

Project Purpose
Improve safety, traffic operations, improve accessibility, provide multimodal transportation options, and rehabilitate the existing pavement.

Estimated Schedule	
Design and Right of Way Acquisition	2027-2028
Construction	2029-2030
Anticipated Delivery Method: Design-Bid-Build	

Funding Sources	
April 2023 NTIB (F340)	\$7,040,000* (FY27-30)
2017 CIP Sales Tax Renewal (F300)	\$2,210,000 (FY30)
Water Construction (F316)	TBD
Total Lifetime Budget	\$9,250,000

*Note: Bond issue projects include maximum issuance approved by voters plus bond premiums to offset impacts of inflation, design modifications, and unknowns at time of bond election.

Estimated Annual Operating and Maintenance
\$25,000
Capitalization: Constructed Infrastructure Only

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
○		○		◐		○

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
			◐	○		

Project Title: Langsford Road – 291 Hwy to East City Limits & 5th Terrace

Type: Bridges, Streets & Signals Project No. P-265

Project Description

This project will improve sections of Langsford Road through access management. The project will add turn lanes, add medians to restrict turning movements, and reduce vehicular conflicts at key intersections: Noeleen, Bordner, Brentwood, Winburn and Crestwood. In order to sustain neighborhood access and emergency response access, the 5th Terrace gap will be closed. Curbs, sidewalks and lighting will be added east of Blackwell within City limits. This project supports the City's Livable Streets Policy, improves safety, improves access, and preserves roadway capacity.

Project Purpose

Improve safety, traffic operations, and emergency response..

Estimated Schedule

Design and Right of Way Acquisition	2026-2028
Construction	2029-2030

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

April 2023 NTIB (Transportation) (F340)	\$5,500,000* (FY27-30)
2017 CIP Sales Tax Renewal (F300)	\$3,500,000 (FY30)

Total Lifetime Budget	\$9,000,000
------------------------------	-------------

*Note: Bond issue projects include maximum issuance approved by voters plus bond premiums to offset impacts of inflation, design modifications, and unknowns at time of bond election.

Estimated Annual Operating and Maintenance

\$10,000

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		●	●	●		●

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
●	●		●	●	●	●

Project Title: Longview Blvd – Scherer Pkwy to Longview Rd	
Type: Bridges, Streets & Signals	Project No. P-262

Project Description
This project will be construction approximately ½-mile of two lane roadway as the first phase for the final completion of a 4-lane, divide arterial roadway. The initial construction will include turn lanes, curb, lighting, sidewalks and shared-use paths.

Project Purpose
This project supports improved safety, operations, community growth in southwest Lee's Summit, and livability. The project is identified in the Thoroughfare Master Plan, the Greenway Master Plan and Bicycle Transportation Plan. The later phase(s) of the project will connect with M-150 Highway.

Estimated Schedule	
Design and Right of Way Acquisition	2026-2027
Utility Relocations	2027-2028
Construction	2029-2031
Anticipated Delivery Method: Design-Bid-Build	

Funding Sources	
April 2023 NTIB (F340)	\$ 3,850,000*
Water Construction (F503)	\$
Total Lifetime Budget	\$ 3,850,000

*Note: Bond issue projects include maximum issuance approved by voters plus bond premiums to offset impacts of inflation, design modifications, and unknowns at time of bond election.

Estimated Annual Operating and Maintenance
\$5,000
Capitalization: Constructed Infrastructure Only

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	◐	●	◐	○	◐	◐

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
◐	◐	●	●	◐	○	◐

Project Title: M291 North Interchange with US50	
Type: Bridges, Streets & Signals	Project No. P-111

Project Description
This project is the reconstruction of the interchange at M291 North Junction and 50 Highway, including relocation of the north outer road (Blue Parkway), improvements to 7 th Terrace and work along US 50 Highway. This project will be competed in a partnership with MoDOT among other entities.

Project Purpose
This is a project to improve traffic operations and safety of the local and state roadway network along the US 50 Corridor and M-291 Corridor in Lee's Summit. Current traffic congestion creates significant delays and safety issues that impede travel, detract from the local quality of life and depress property values. This project will also improve opportunities for (re)development, add multi-modal access and replace aging infrastructure. This project is funded, in part, by a City initiated TIF. Additional funds are sought from multiple state partnerships, cost share, excise tax, and sales tax.

Estimated Schedule	
Design and Right of Way Acquisition	2021-2024
Construction	2025
Anticipated Delivery Method: Design-Bid-Build	

Funding Sources	LSMO	MoDOT
2017 CIP Sales Tax Renewal (F300)*	\$ 4,000,000	
Excise Tax (F310)	\$ 6,000,000	
TIF (Fund 360)*	\$ 3,000,000	
STBG Grant		\$ 6,400,000
MoDOT Cost Share		\$ 9,000,000**
Water Construction (F503)	\$ 991,000 (FY23-26)	
Sewer Construction (F504)	\$ 250,000 (FY25)	
Total Lifetime Budget	\$14,241,000	\$ 15,400,000

*NOTE: Fund F300 will initially contribute \$7M as of FY26. TIF fund 360 will reimburse \$3M Fund F300 over time as revenue becomes available. **Pendin cost share applications may also reimburse Fund F300

Estimated Annual Operating and Maintenance
\$3,358
Capitalization: Constructed Infrastructure Only

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	◐		○	◐	●	

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
		●	◐	●	◐	◐

Project Title: Oldham Pkwy / US 50 South Outer Road – Todd George Pkwy to Blackwell Rd

Type: Bridges, Streets & Signals | Project No. Pending

Project Description

This project roadway will build one-half mile of new roadway to complete the south outer road connection between Todd George and Blackwell. The right of way was acquired as part of the Blackwell Interchange project. The road will be two lanes, have paved shoulders, and open ditch for drainage. Most of the grading was completed as part of the interchange project.

Project Purpose

This project primarily promotes economic development and public safety. The existing outer road ends halfway between Todd George and Blackwell. Several potential development applications near Todd George and US 50 have not gone forward due to the cost required to build this road. Recent construction has added senior living and assisted living facilities along this outer road. Completing this road will provide emergency access from two directions. This road would also serve as a bypass if an incident closes eastbound US 50.

Estimated Schedule

Design and Right of Way Acquisition	2028
Construction	2029

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

Excise Tax (F310)	\$4,500,000 (FY29-29)
Total Lifetime Budget	\$4,500,000

Estimated Annual Operating and Maintenance

\$15,000

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
		⚙️	🕒	🕒	●	🕒

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
○	○	●	🕒	🕒		

Project Title: Pryor Road (Phase 1) - Hook Rd to Longview Rd

Type: Bridges, Streets & Signals	Project No. P-105
----------------------------------	-------------------

Project Description

This project is the first of two phases to complete committed improvements to Pryor Road from M-150 Highway to Longview Road. This first phase project will widen Pryor Road as a four-lane facility with turn lanes, sidewalk, shared-use path, curb, and street lighting from Hook Road to Longview Road. The project will also include permanent traffic signal installations at the Hook Road and Scherer Road intersections along Pryor Road, with interconnect to the traffic signal at Longview. The permanent traffic signals may be preceded by temporary traffic signals.

Project Purpose

This project supports improved safety, operations, community growth in southwest Lee's Summit, and livability. The project is identified in the Thoroughfare Master Plan. The path is also included in the Greenway Master Plan and Bicycle Transportation Plan. Increased traffic demand and use by cyclists and pedestrians along this corridor will cause capacity issues and impediment to development nearby.

Estimated Schedule

Design and Right of Way Acquisition	2020-2023
Construction	2023-2024

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

2017 CIP Sales Tax Renewal (F300)	\$ 13,633,000
Federal (STBG Funds) (to fund F300)	\$ 17,412,500
Development Road & Bridge Escrow (F230)	\$ 200,000
Water Construction (F503)	\$ 926,000 FY23-25
Water Tap (F501)	\$ 1,925,000 FY24
Total Lifetime Budget	\$34,096,500

Estimated Annual Operating and Maintenance

\$65,000

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
○	◐	◑	◐	◐	●	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
◑		●	●	●	○	

Project Title: Pryor Road (Phase 2) – M150 Hwy to Hook Rd	
Type: Bridges, Streets & Signals	Project No. P-109

Project Description
This project is the second of two phases to complete committed improvements to Pryor Road from M-150 Highway to Longview Road. This second phase of the project will add at third lane and turn lanes to Pryor Road along with, sidewalk, shared-use path, curb, and street lighting from M-150 Highway to Hook Road. Future development and growth patterns may, or may not, warrant additional lanes and medians. As part of this project, a future alignment study will be completed so future development along the corridor can planned to support future transportation improvements.

Project Purpose
This project supports improved safety, operations, community growth in southwest Lee's Summit, and livability. The project is identified in the Thoroughfare Master Plan. The path is also included in the Greenway Master Plan and Bicycle Transportation Plan. Increased traffic demand and use by cyclists and pedestrians along this corridor will cause capacity issues and impediment to development nearby.

Estimated Schedule	
Design and Right of Way Acquisition	2024-26
Construction	2027-28
Anticipated Delivery Method: Design-Bid-Build	

Funding Sources	
2017 CIP Sales Tax Renewal (F300)	\$11,200,000 (FY25-29)
Water Construction (F503)	\$ 590,000 (FY28)
Sewer Construction Fund (F504)	\$ 30,000 (FY28)
Total Lifetime Budget	\$11.820.000

Estimated Annual Operating and Maintenance
\$45,000
Capitalization: Constructed Infrastructure Only

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
○	◐	◑	◐	◐	●	

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
◑		●	●	●	○	

Project Title: Scherer Road Reconstruction – Ward Road to Jefferson Street

Type: Bridges, Streets & Signals

Project No. P-116

Project Description

This project is the first phase to complete committed improvements to Scherer Road between Sampson and Jefferson Street. This first phase of the project will widen Scherer Road to three or four lanes with turn lanes, sidewalk, shared-use path, curb, and street lighting from Ward Road to M-291 Highway.

Project Purpose

This project supports improved safety, operations, community growth in southwest Lee's Summit, and livability. The project is identified in the Thoroughfare Master Plan, the Greenway Master Plan and Bicycle Transportation Plan. Phase 1 intersects the Rock Island Trail and future trailhead. The later phase(s) of the project will connect with Longview Lake. Increased land development, traffic demand and use by cyclists and pedestrians along this corridor is cause for its forthcoming capacity issues and impediment to further community growth.

Estimated Schedule

Design and Right of Way Acquisition	2025-27
Utility Relocations	2027
Construction	2028

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

2017 CIP Sales Tax Renewal (F300)	\$ 56,000 (FY25)
STBG Grant (F322)	\$ 4,100,000 (FY28)
April 2023 NTIB (F340)	\$ 8,344,000 (FY26-28)
Water Construction (F503)	\$ 763,000 (FY26-27)
Total Lifetime Budget	\$13,263,000

*Note: Bond issue premiums received from Phase 1 will be added to Phase 2 to offset inflationary costs

Estimated Annual Operating and Maintenance

\$25,000

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		●	◐	○	◐	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
◐		●	●	◐	○	○

Project Title: Scherer Road Reconstruction – Sampson Road to Ward Road

Type: Bridges, Streets & Signals

Project No. P-130

Project Description

This project will be subsequent phases to complete committed improvements to Scherer Road between Sampson and Jefferson Street. These phases will create Scherer Parkway as a 4-lane, divided roadway along a new alignment that will connect with the future interchange near M-291 Highway and Hook Road. The segment of Scherer Road extending west of Pryor Road the new Scherer Parkway will also be improved. The final roads will include curb, enclosed stormwater systems, turn lanes, street lighting, sidewalks, bicycle accommodations.

Project Purpose

This project supports improved safety, operations, community growth in southwest Lee's Summit, and livability. The project is identified in the Thoroughfare Master Plan, the Greenway Master Plan and Bicycle Transportation Plan. Phase 1 intersects the Rock Island Trail and future trailhead. The later phase(s) of the project will connect with Longview Lake. Increased land development, traffic demand and use by cyclists and pedestrians along this corridor is cause for its forthcoming capacity issues and impediment to further community growth.

Estimated Schedule

Design and Right of Way Acquisition	2025-2028
Utility Relocations	2027-2028
Construction	2028-2030

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

April 2023 NTIB (Transportation)	\$31,111,000*
Total Lifetime Budget	\$31,111,000

*Note: Bond issue projects include bond premiums to offset inflationary costs. This Phase 2 includes premiums earned from the \$24M voter approved issuance for Todd George Pkwy, and premiums from Phase 1

Estimated Annual Operating and Maintenance

\$45,000

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		●	◐	○	◐	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
◐		●	●	◐	○	○

Project Title: Sidewalk Improvements

Type: Bridges, Streets & Signals

Project No. P-110

Project Description

This project to complete sidewalk gaps throughout the City. The project schedule indicated below may be accelerated should funding be available.

Project Purpose

Over the years, as property developed throughout the City, a variety of different policies toward requirements for sidewalk construction resulted in disconnected or gaps in the sidewalk system. The intent of this program is to connect many of these gaps to the existing sidewalk system, resulting in a safer circulation path for those using the sidewalk system. The project supports the City's Livable Streets Policy and the City's Americans with Disabilities (ADA) Transition Plan for Public Rights-of-Way.

Estimated Schedule

Design and Right of Way Acquisition	2023
Construction	2024-2029

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

CIP Sales Tax Renewal	\$3,500,000
April 2023 NTIB (Transportation)	\$5,000,000

Total Lifetime Budget \$8,500,000

Estimated Annual Operating and Maintenance

\$17,000

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	○	●	◐	●		●

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
●	●		●		○	

Project Title: Third Street Improvements (East) Johnson Street to M-291 Highway

Type: Bridges, Streets & Signals

Project No. P-273

Project Description

This project will improve 3rd Street from Green Street to M-291. The project includes, but is not limited to, paving, sidewalks, curb, storm drainage work, street lighting. This project has been split into 2 segments. The first phase will improve Third Street from Green to Johnson as part of the Downtown Market plaza project. The budget is included in that project. The 2nd phase will re-construction Third Street from Johnson to M-291.

Project Purpose

This project will re-construct the existing infrastructure that has been deteriorated over the long life of the pavement. Records do not indicate when the street was built, but the recorded plats and home building permits date from 1887 through the 1960's. Over time, filling the underlying curb with asphalt, soil settlement, tree root damage, and age have created failed sidewalks and poor drainage in this area. The street was built long before the City adopted a livable streets policy. This project will add the livable street elements such as sidewalks, lighting and bike accommodations. This project will improve a major entrance to the downtown area and support the upcoming Downtown Market Plaza project.

Estimated Schedule

Design and Right of Way Acquisition	2028-30
Construction	2029-30

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

CIP Sales Tax Renewal (2017)	\$5,500,000 (FY29-28)
Water Construction	\$ 406,000 (FY26)

Total Lifetime Budget \$5,906,000

Estimated Annual Operating and Maintenance

\$30,000

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		●	●	●	●	●

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
●	●	○	●	○	●	●

Project Title: Thoroughfare Master Plan and Construction Specifications Re-write

Type: Bridges, Streets & Signals

Project No. (pending)

Project Description

This project will update the 2016 Thoroughfare Master Plan (TFMP) to project future roadway and traffic safety needs for the City. The work will include traffic modeling, functional classification of roads, projecting City growth, and proposing future roadway and signal project to support the anticipated growth.

The Construction Specifications Re-write will reconfigure the specs to align with the City's infrastructure asset inventory. Standardizing bid items will directly correlate to the City's GIS tracking system of infrastructure assets.

Project Purpose

The TFMP is necessary to guide future capital improvements and requirements for new development. The TFMP plan is update about every ten years. Since the 2016 TFMP, the City has developed a new comprehensive land use plan (iGNITE) that will provide context for the new TFMP.

The main purpose of specifications re-write is to improve asset management of public infrastructure, reduce cost due to errors in contract documents, and improve the final quality of construction.

Estimated Schedule

Design

2026-28

Anticipated Delivery Method: To Be Determined (RFQ/In-house staff)

Funding Sources

Transporation Sales Tax (F310)

\$500,000 (FY27-28)

Total Lifetime Budget \$500,000

Estimated Annual Operating and Maintenance

\$n/a

Capitalization: Not Applicable

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		●	◐	◐	●	●

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
●	●	●	●	●	●	●

Project Title: Todd George Parkway – Colbern Road to Woods Chapel

Type: Bridges, Streets & Signals

Project No. P-263

Project Description

This project will improve Todd George Parkway by adding lanes, medians, curb, enclosed stormwater, sidewalk, shared use path and lighting. Similar improvements along Strother Road between Todd George and I-470 are also included in the scope of this project.

Project Purpose

Improve safety, traffic operations, improve accessibility, provide multimodal transportation options, and support economic development along the corridor.

Estimated Schedule

Design and Right of Way Acquisition

2026-2027

Construction

2027-2028

Anticipated Delivery Method: Public-Private Partnership

Funding Sources

April 2023 NTIB (Transportation)

\$ 24,000,000 (FY27-30)

Total Lifetime Budget \$ 24,000,000

Estimated Annual Operating and Maintenance

\$40,000

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
○		○	◐	◐	●	○

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
◐		●	◐	○		●

Project Title: Ward Road & Persels Road Signal

Type: Bridges, Streets & Signals

Project No. P-112

Project Description

This project is the installation of a permanent traffic signal to replace the temporary span wire traffic signal at the intersection of Ward Road and Persels Road. The project will include relocation of Persels Road, north intersection at Ward Road, to align with Persels Road, south intersection at Ward Road; addressing the operational and safety issues related to the existing offset intersections. The project will also include left-turn lanes along Ward Road at Persels Road.

Project Purpose

The existing offset intersection with temporary span wire traffic signal control and shared use lanes for left-turn and through traffic has become a high crash location. This intersection often experiences significant delay and congestion; especially for left-turn traffic. The offset requires an extended green signal operation to clear vehicle queues between side street services or gridlock can occur. The Rock Island Corridor Trail passes through this intersection. Improvements have been requested by City Council, residents and school district officials. The project will improve safety and traffic operations for all roadway users.

Estimated Schedule

Design and Right of Way Acquisition	2022-2026
Construction	2026-2027

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

2017 CIP Sales Tax Renewal (F300)	\$7,950,000
CMAQ Grant (to fund F300 CIP Sales Tax))	\$1,250,000 (FY26)
Water Construction (F503)	\$ 814,000 (FY24-25)
Sewer Construction (F504)	\$ 200,000 (FY24-25)
Total Lifetime Budget	\$10,214,000

Estimated Annual Operating and Maintenance

\$17,000

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	○	●	●	●		~

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
○	○		●		●	

Project Title: Ward Road Improvements – NW Blue Parkway to NW O’Brien Road (Phase 1)	
Type: Bridges, Streets & Signals	Project No. P-127

Project Description
This project will improve Ward Road from NW O’Brien to Blue Parkway. The project includes, but is not limited to, paving, sidewalks, curb and enclosed storm drains, street lighting and other livable street components.

Project Purpose
This project will enhance safety and operations by improving the Ward Road corridor to include livable street components that will accommodate vehicles, cyclists and pedestrians. The project supports the City’s Livable Streets Policy.

Estimated Schedule	
Design and Right of Way Acquisition	2023-2025
Construction	2026-2027
Anticipated Delivery Method: Design-Bid-Build	

Funding Sources	
2017 CIP Sales Tax Renewal (F300)	\$4,433,000
Water Construction (F503)	\$ 763,000 (FY23-FY24)
Sewer Construction (F504)	\$ 171,000 (FY23)
TAP Grant (F300 – CIP Sales Tax)	\$ 900,000 (FY25)
Total Lifetime Budget	\$6,267,000

Estimated Annual Operating and Maintenance
\$10,000
Capitalization: Constructed Infrastructure Only

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	●	●	●	●		●

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
●	●		●	●	●	

Project Title: Ward Road Improvements – Chipman Road to NW O'Brien (Phase 2)

Type: Bridges, Streets & Signals

Project No. P-113

Project Description

This project will improve Ward Road from Chipman Road to NW O'Brien. The project includes, but is not limited to, paving, sidewalks, curb and enclosed storm drains, street lighting and other livable street components.

Project Purpose

This project will enhance safety and operations by improving the Ward Road corridor to include livable street components that will accommodate vehicles, cyclists and pedestrians. The project supports the City's Livable Streets Policy.

Estimated Schedule

Design and Right of Way Acquisition	2024-2026
Construction	2027-2028

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

CIP Sales Tax Renewal (2017)	\$5,464,000
Water Construction	\$ 436,000 (FY25-26)
Total Lifetime Budget	\$5,900,000

Estimated Annual Operating and Maintenance

\$10,000

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	●	●	●	●		●

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
●	●		●	●	○	

Program Title: Pavement Maintenance Programs Overlay & Surface Seal; Crack Sealing

Type: Bridges, Streets & Signals

Project No. (see below)

Program Description

The City's Pavement Management Program performs capital maintenance to extend the useful life of streets. The Overlay Program mills (removes) the top 1.5 - 2 inches of pavement and replaces the surface with new asphalt. The Surface Seal Program applies a thin, mixed layer of aggregate, oil and asphalt binders over existing street pavement. The Crack Seal program applying asphalt-rubber into a road crack to seal it and prevent water from entering below the road surface.

Program Purpose

Timely maintenance will extend the life of streets at a fraction of the cost to rebuild streets. The various methods

Estimated Schedule

Annual Program

Anticipated Delivery Method: Design-Bid-Build

	Year	Overlay & Surface Seal	Crack Seal
½-Cent Transportation Sales Tax (F320)	FY27	(P-296) \$6,300,000	(P-298) \$ 385,000
	FY28	\$6,600,000	\$ 400,000
	FY29	\$6,875,000	\$ 400,000
	FY30	\$6,875,000	\$ 400,000
	FY31	\$6,875,000	\$ 400,000

Estimated Annual Operating and Maintenance

\$0 – Maintenance Reduces O&M

Capitalization: Not Applicable

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	○	◐		●	◐	○

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi- modal	Infrastructure. Capacity	Sustain- able	Land Use & Design
◐	○	◐	●	●	●	◐

Program Title: Annual Curb Replacement Program

Type: Bridges, Streets & Signals

Project No. (see below)

Program Description

The City's curb replacement program removes and replaces large sections of curb in advance of the annual overlay program, for both residential and arterial streets. From the mid 1980's through 2008, more than 550 miles of curb were constructed using concrete which contained a soft limestone aggregate. While the aggregate still met local specifications, and worked well for buildings, curb constructed with this type of aggregate is susceptible to a process called D-cracking. The aggregate in the concrete absorbs water, and the concrete cracks when the contained water freezes. Over time, the concrete disintegrates from the inside out. Curb with soft limestone aggregate failed within 10 years or less. As such, this program focuses on large areas of curb failure that would shorten the life of subsequent street resurfacing.

Program Purpose

Timely maintenance will extend the life of streets at a fraction of the cost to rebuild streets.

Estimated Schedule

Annual Program

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

	FY	Project No.	F320	F300
½-Cent Transportation Sales Tax (F320)	27	P-297	\$2,000,000	\$3,260,000
	28		\$3,800,000	\$2,300,000
2017 CIP Sales Tax (F300)	29		\$4,000,000	--
	30		\$4,180,000	--
	31		\$4,180,000	--
	Totals		\$18,160,000	\$5,560,000

Estimated Annual Operating and Maintenance

\$0 – Replacement Reduces O&M

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	○	◐		●	◐	○

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
◐	○	◐	●	●	●	◐

Bridge, Street & Signals

Program Title: Neighborhood Traffic Safety Program

Type: Bridges, Streets & Signals

Project No. (see Below)

Program Description

The Neighborhood Traffic Safety Program was created over 15 years ago as an opportunity to address residential street traffic safety concerns through education, enforcement and engineering strategies. A more comprehensive description and program project history is available at: <https://cityofls.net/public-works/traffic-transit/neighborhood-traffic-safety-program>

Program Purpose

Address residential traffic concerns; particularly speeding and cut-through traffic, to improve public safety through an objective professional study and analysis, scoring criteria, and required resident engagement.

Estimated Schedule

Annual Program

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

½-Cent Transportation Sales Tax (Fund F320)	FY27	\$125,000 (pending)
	FY28	\$75,000
	FY29	\$75,000
	FY30	\$75,000
	FY31	\$75,000

Estimated Annual Operating and Maintenance

Project Scopes Varied. Some years there may be no projects depending on applications received, study recommendations and support of impacted residents.

Capitalization: Constructed Infrastructure Only

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
		●	○	●		●

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
●	●		●		●	

Program Title: ROW Infrastructure Program	
Type: Bridges, Streets & Signals	Project No. (see below)

Program Description
The Right of Way (ROW) Infrastructure Program funds critical maintenance, repairs, removal and construction of ROW assets with individual scope and cost that may otherwise be eligible for CIP inclusion and that are association with transportation and transportation support functions. This also includes necessary design, analysis, utility relocation and property acquisitions to complete the work. These City owned transportation related assets within City ROW (or property) include, but are not limited to, guardrail, rail spurs, roadside retaining walls, roadway culvert crossings, pavement subgrade stabilization, and bridges.

Program Purpose
Maintain and improve significant support infrastructure associated with or crossing transportation networks for public safety, function and continued use of intended purposes. Repair or replace damages, assets that reach end of service life, failed performance, etc. Remove unnecessary infrastructure and infrastructure improvements where needed or in compliance with new regulations, standards, etc.

Estimated Schedule
Annual Program
Anticipated Delivery Method: To Be Determined

Funding Sources	
½-Cent Transportation Sales Tax (F320)	FY27 \$425,000
	FY28 \$300,000
	FY29 \$305,000
	FY30 \$305,000
	FY31 \$305,000

Estimated Annual Operating and Maintenance
A sustainable program applicable to existing infrastructure.
Capitalization: Constructed Infrastructure Only

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			◑	○

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
◐	○	◑	●	◑	●	

Program Title: Capital Project Planning	
Type: Bridges, Streets & Signals	Project No. (see below)

Program Description
Planning city transportation and transportation related infrastructure, master planning of transportation systems, forecasting associated capital improvement needs, budgeting funds for transportation capital projections, pre-project scoping, and CIP preparations.

Program Purpose
Support for capital transportation improvements before a capital project is programmed and support for general capital planning activities associated with transportation.

Estimated Schedule
Annual Program
Anticipated Delivery Method: To Be Determined

Funding Sources	
½-Cent Transportation Sales Tax (F320)	FY27 \$75,000
	FY28 \$75,000
	FY29 \$80,000
	FY30 \$85,000
	FY31 \$85,000

Estimated Annual Operating and Maintenance
Not Applicable
Capitalization: Not Applicable

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	○	◐		●	◐	○

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
◐	○	◐	●	●	●	◐

Program Title: Community Bus Service Program ATA / OATS

Type: Bridges, Streets & Signals

Project No. (see below)

Program Description

Transit services contracted by the City of Lee's Summit. Includes contracted transit administration and management of federal transit funds, as well as transit planning and maintenance of transit facilities (e.g. Park and Ride Lot). Current services include morning and afternoon weekday commuter express transit from the Park and Ride Lot near Chipman/US50 to Downtown Kansas City and On-Demand intra-City door-to-door service by reservation. KCATA has been designated the administrator of transit funding and services for the City. KCATA is the current operator of the commuter service and OATS is the current operator of the on-demand service. More information is available at: <https://cityofls.net/public-works/traffic-transit>

Program Purpose

Provide transit service to the community. Offer an alternative form of public transportation in support of multi-modal transportation system.

Estimated Schedule

Annual Program

Anticipated Delivery Method: Job Order (e.g. Indefinite or On-Call)

Funding Sources

½-Cent Transportation Sales Tax (F320) FTA Grant Other transit grants	FY27	\$660,000
	FY28	\$680,000
	FY29	\$700,000
	FY30	\$720,000
	FY31	\$720,000

Estimated Annual Operating and Maintenance

Transit program annual operating costs are shown in the program tables.

Capitalization: Not Applicable

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
○		●			◐	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
◐		◐	●	◐	●	

Program Title: Pavement Marking Program	
Type: Bridges, Streets & Signals	Project No. (see below)

Program Description
Pavement markings, including maintenance and installation work, of all longitudinal lines, symbols, stop lines, crosswalks, etc. throughout the City. These work activities are contracted annually.

Program Purpose
Maintain regulatory compliance with pavement marking standards, traffic control requirements defined in the Manual on Uniform Traffic Control Devices, and minimum performance specifications (e.g. visibility, retro-reflectivity) for traffic safety.

Estimated Schedule
Annual Program
Anticipated Delivery Method: Job Order (e.g. Indefinite or On-Call)

Funding Sources	
½-Cent Transportation Sales Tax (F320)	FY27 \$1,032,000
	FY28 \$850,000
	FY29 \$995,000
	FY30 \$850,000
	FY30 \$850,000

Estimated Annual Operating and Maintenance
This maintenance program reduces long-term annual operating and maintenance costs based on an appropriate life cycle of the asset.
Capitalization: Not Applicable

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		●				

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
●			●	●	●	

Capital Improvement Plan *2027-2031*

FACILITIES



Preliminary

04/12/2026 4:12:46 PM

FACILITIES and TECHNOLOGY (Costs in \$1,000s)

Project	Prior Yrs.	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Enterprise Resource Planning (ERP) Replacement	7,463	-	-	-	-	-	7,463
Facility Reinvestment: Emergency Preparedness	390	197	-	750	-	-	1,337
Facility Reinvestment: Transportation	430	600	-	1,000	1,000	-	3,030
Facility Reinvestment: City Hall Renovations	1,540	4,318	4,000	-	-	-	9,858
Facility Reinvestment: City Facilities	2,610	-	-	-	260	-	2,870
Fire Station 1 Replacement*	7,000	11,307	-	-	-	-	18,307
Joint Operations Facility Buiding	29,855	5,420	-	-	-	-	35,275
2023 Bond Issue for Public Safety Technology	4,750	2,000	-	-	-	-	6,750
Design for Airport Fire Station	-	1,080	-	-	-	-	1,080
Police/Court Building Renovation Phase II**	6,752	248	-	-	-	-	7,000
Public Roadway and Infrastructure Safety**	2,000	-	-	-	-	-	2,000
Total	62,790	25,170	4,000	1,750	1,260	-	94,970

*NOTE: JOF project includes main facility, IT network infrastructure, IT Network Security, Technology for EOC, and Remote sensors for roads and streams

Preliminary

04/12/2026 4:12:46 PM

FACILITIES CONCEPTUAL CALENDAR

Project	2026	2027	2028	2029	2030	2031	Out Yrs.
Police/Court Building Renovation Phase II**							
Public Roadway and Infrastructure Safety**							
Enterprise Resource Planning (ERP) Replacement							
Facility Reinvestment: City Hall Renovations							
Facility Reinvestment: Emergency Preparedness							
Facility Reinvestment: Transportation							
Facility Reinvestment: City Facilities							
Joint Operations Facility Buiding							
2023 Bond Issue for Public Safety Technology							
Fire Station 1 Remodel*							
Public Roadway and Infrastructure Safety**							

 Pre-Construction Activities (Design, Property Acquisition, Permitting, Utility Reolcation)
 Construction Activities (Construction, Utility Relocation)

Program Title: Facility Reinvestments Program

Type: Facilities	Activity #
------------------	------------

Program Description

Projects Include:

- City Hall Renovations
- City Hall Roof Replacement
- Building Reuse Preparations (Former WU Operations)
- ERP (Split into two NTI Sources)
- Six (6) Public Safety Buildings (Existing Fire, Police and Animal Control Facilities)

Specific Improvements Planned for FY26 may include, but shall not be limited to:

- Maintenance Facility concrete and plumbing repair
- Evaluation/Replace of Maintenance Facility fire alarm panel

Program Purpose

Larger projects that support the Building Equipment Replacement Program (BERP) to properly maintain City facilities. Work includes Roofing, HVAC, Security, Access, Technology, Interior/Exterior Renovations, Flooring, Concrete Repair/Replacement, Office Furniture/Equipment, Etc.

Estimated Schedule

FY26-FY31 Projects Complete	2025-2031
-----------------------------	-----------

Anticipated Delivery Method: To Be Determined

Funding Sources

2023 GO Bonds:

- | | |
|--|---------------|
| - (Emergency Preparedness) | \$ 1,337,000 |
| - (Transportation) | \$ 3,030,000 |
| - (City Facilities & City Hall Renovations)) | \$ 12,728,000 |

Total Lifetime Budget	\$17,095,000
------------------------------	--------------

Estimated Annual Operating and Maintenance

\$

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		●	●	●	○	●

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
●	●	○		●	○	

Project Title: Fire Station 1 Replacement

Type: Facilities

Project No. P-121

Project Description

Fire Station 1 remodel or replacement project

- Remodel existing structure or move to new location
- Replace aging infrastructure within the facility
- Provide modern fire service facility
- Resolve outstanding code noncompliance issues (ICC, IFC, ADA)
- Maintain downtown presence
- Maintain response times from the existing location
- Provide more efficient design
- Create additional capacity for future increase in staffing

Project Purpose

Fire station 1 is the oldest building in use by the fire department, and possibly within the city as a municipal building. Fire station 1, built in 1973, has never had a renovation or complete remodel of the interior of the building and there are extensive maintenance and repair needs that warrant a rebuild of the station in the current location or relocation to an alternate site downtown based upon completed condition assessment and cost-feasibility study.

Estimated Schedule

Right of Way Acquisition

FY25-FY26

Design and Construction

FY26-FY28

Anticipated Delivery Method: Construction Manager At Risk

Funding Sources

2023 GO Bond (Emergency Preparedness)

\$18,307,000 (FY 23-26)

Total Lifetime Budget

\$18,307,000

Estimated Annual Operating and Maintenance Expense

\$

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	◐	◐	◐	◐	◐	◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
○	◐	◐	○	●	●	○

Project Title: Joint Operations Facility	
Type: Facilities	Project No. P-122

Project Description
- Joint operations facility for police, fire, public works, and information technology services - Houses fire administration, training, an emergency operations center, public safety communications, traffic monitoring center, and information technology resources - FEMA hardened structure for EOC, server room, and dispatch; standard construction at offices and ancillary areas

Project Purpose
- Police and fire communications housed together provides efficiency in both: - Operations – ability for communications dispatchers to work closely during incidents. - Technology – shared technology resources, such as public safety radio and computer aided dispatching software, housed in a single resource and avoid duplication. - Need for a co-located communications center indicated in the Mission Critical Partners independent study of Lee’s Summit public safety communications in 2021 - Allows for expansion of communication services when needed - Provides better training opportunities for fire and police safety dispatchers

Estimated Schedule	
Design and Right of Way Acquisition	FY24-FY25
Construction	FY25-FY26
Anticipated Delivery Method: Construction Manager At Risk	

Funding Sources	
2023 GO Bond (Emergency Preparedness)	\$30,275,000 (FY 23-26)
State Funding	\$5,000,000
Total Lifetime Budget	\$35,275,000

Estimated Annual Operating and Maintenance Expense
\$

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	●	●	●	○	●	●
iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
○	●	●	●	●	○	●

Project Title: Police/Court Building Renovation Phase II

Type: Facilities

Project No. P-123

Project Description

Complete renovation of the Police/Courts building renovation, to include:

- Additional vehicle processing evidence bay
- Glass partition wall on top of briefing wall creating a needed sound barrier
- Additional employee parking, front lot mill/overlay, covered outdoor EV parking
- Real-time crime center (within existing footprint)
- Fuel Pump Relocation to NW Sloan to allow for large vehicle access/secondary fueling
- Additional security fencing for new access points to the campus, Access to Main St.
- New roof, HVAC replacement and fan replacement

Project Purpose

Interior space renovations of the Police/Courts Building were completed in 2021, providing for increase security and improved workflow. This renovation completed some of the most urgent needs to address security. At the time, additional projects were removed from the plan due to a lack of funding. These projects have increased in importance due to the passage of the public safety sales tax which will increase police department staffing and equipment.

Estimated Schedule

Design and Right of Way Acquisition	FY23-FY24
Construction	FY24-FY27

Anticipated Delivery Method: Design/Build**Funding Sources**

2023 GO Bond (Emergency Preparedness)	\$7,000,000 (FY 23-25)
Total Lifetime Budget	\$7,000,000

Estimated Annual Operating and Maintenance Expense

\$

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		●				

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
○			●	●	○	●

Project Title: Enterprise Resource Planning Software	
Type: Facilities	Project No.

Project Description
Project will replace the City Enterprise Resource Planning (ERP) Software

Project Purpose
The existing Enterprise Resource Planning (ERP) Software will no longer be supported and is outdated; requiring replacement. The ERP Software is the backbone of the City's Finance and Human Resource systems. Replacement with a modern solution will allow the City the continue critical business functions, increase productivity and build resiliency within the organization.

Estimated Schedule
Project Complete FY24-FY27

Funding Sources	
2023 GO Bonds:	
- (Emergency Preparedness)	\$3,673,000
- (City Facilities)	\$3,790,000
Total Lifetime Budget	\$7,463,000

Estimated Annual Operating and Maintenance
\$

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐	◑	◑	○	◐

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
◐	◑	○		◑	○	

Preliminary

04/12/2026 4:12:46 PM

Capital Improvement Plan 2027-2031

PARKS & RECREATION



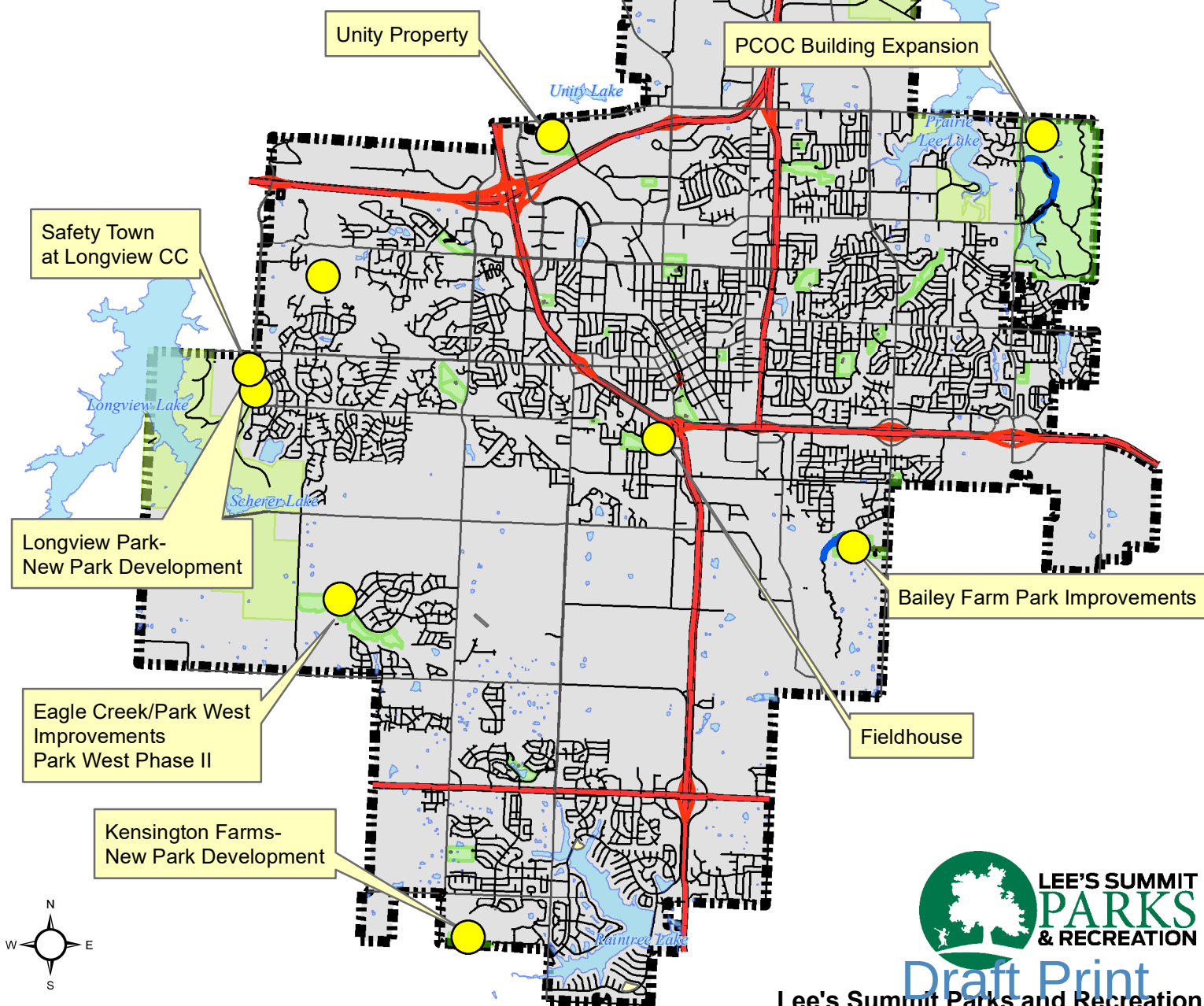
Draft Print

04/12/2026 4:13:37 PM

Art in the Parks Location TBD
Playground Surface Replacement (all park locations)
Neighborhood Park Renovations TBD

Preliminary

04/12/2026 4:12:46 PM



Draft Print

Lee's Summit Parks and Recreation
Capital Improvement Plan FY27-31
Prepared: February 2026

04/12/2026 4:13:37 PM

Preliminary

04/12/2026 4:12:46 PM

PARKS and RECREATION (Costs in \$1,000s)

Project	Prior Yrs.	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Red Hawk Park/Mouse Creek Trail	780	430					1,210
Field House	1,000	21,000	9,000	0			31,000
Playground Surface Replacement Program	640	410	400	0			1,450
Park Operations Center Building Expansion		300					300
Neighborhood Park Improvements	450	250	420	0			1,120
Longview Park-New Park Development	250	2,500	0	0			2,750
Safety Town	30	0	470	1,500			2,000
Park West Phase 2 (Comm. Park)		0		500	500	2,700	3,700
Bailey Park Development/Nature Center		500	2,750	750	4,000		8,000
Unity Property- New Park Development	30	0		0	470	1,500	2,000
Kensington Farms- New Park Development				0	500	1,500	2,000
Arts in Parks	10	10	10	10	10		50
Total	3,190	25,400	13,050	2,760	5,480	5,700	55,580

Indicates new project added to CIP this year

Preliminary

04/12/2026 4:12:46 PM

PARKS CONCEPTUAL CALENDAR

Parks Conceptual Project Calendar	2026	2027	2028	2029	2030	2031
Red Hawk Park/Mouse Creek Trail						
Playground Surface Replacement Program						
Neighborhood Park Improvements						
Longview Park-New Park Development						
Safety Town						
Park Operations Center Building Expansion						
Field House						
Unity Property- New Park Development						
Park West Phase 2 (Comm. Park)						
Bailey Park Development/Nature Center						
Kensington Farms- New Park Development						
Arts in Parks						

 Pre-Construction Activities (Design, Property Acquisition, Permitting, Utility Relocation)
 Construction Activities (Construction, Utility Relocation)

Project Title: Arts in Parks	
Type: Parks & Recreation	Activity #

Project Description
In August 2016, Lee's Summit voters approved a continuation of the ¼-cent sales tax for parks capital projects through 2033. One of the projects identified in the capital campaign was Arts in Parks. This project serves as a placeholder for arts in parks as opportunities arise.

Project Purpose
Provide Arts in Parks as opportunities arise and as committed to the voters in August 2016.

Estimated Schedule	
Design & Construction	TBD
Anticipated Delivery Method: To Be Determined	

Funding Sources	
Park Sales Tax FY 27	\$ 10,000
Park Sales Tax FY 28	\$ 10,000
Park Sales Tax FY 29	\$ 10,000
Park Sales Tax FY 30	\$ 10,000
Park Sales Tax FY 31	\$ 10,000
Park Sales Tax FY 32	\$ 10,000
Total Lifetime Budget	\$ 60,000

Estimated Annual Operating and Maintenance
\$1,000

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
○	◐	◐	◐	◐	◐	◐

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
◐	◐	◐	○	○	◐	◐

Project Title: Bailey Park Development

Type: Parks & Recreation

Activity

Project Description

In August 2016, Lee's Summit voters approved a continuation of the ¼-cent sales tax for parks capital projects through 2033. Development of Park on 50-acre site including nature center, outdoor events space, native habitat restoration, community gardens, small amphitheater, and amenities geared toward festival programming.

Project Purpose

To provide amenities with a nature theming and to provide educational and interpretive opportunities focused on the agricultural history of the region. Follow through on commitment to Legacy for Tomorrow and Beyond Park Sales Tax initiative. A master plan of improvements was completed by consulting firm BBN Architects in February of 2017. Construction to begin during FY2027. Project costs for development of the park in 2017 were estimated at approximately \$5,500,000.

Estimated Schedule

Design	January-June 2027
Construction	June 2027-Sept 2029

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

Park Sales Tax FY 2027	\$ 500,000
Park Sales Tax FY 2028	\$2,750,000
Park Sales Tax FY 2029	\$ 750,000
Park Sales Tax FY 2030	\$4,000,000

Total Lifetime Budget \$8,000,000

Estimated Annual Operating and Maintenance

\$100,000

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design

Project Title: Red Hawk Park and Mouse Creek Trail

Type: Parks & Recreation

Activity #

Project Description

In August 2016, Lee's Summit voters approved a continuation of the ¼ cent sales tax for parks capital projects through 2033. Construct approximately 6,200 lf of trail east and west of Eagle Creek greenway. Develop neighborhood park space on east side of Park West property.

Project Purpose

To provide additional trail and park amenities along Mouse Creek stream corridor for southern portion of Lee's Summit. Trail would connect from Sampson Road through Park West and Eagle Creek Park and east to Pryor Road. Design for the trail and park are in progress. In October 2023, LSPR was awarded a Recreational Trails Grant for the project in the amount of \$250,000

Estimated Schedule

Planning and Design

January 2025-December 2025

Construction

June 2026-November 2026

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

Previous Year(s)

\$ 847,515

Park Sales Tax FY 27

\$ 900,000

RTP Trails Grant

\$ (250,000)

Hunt Midwest Contributions

\$ (190,000)

Total Lifetime Budget

\$ 460,000

Estimated Annual Operating and Maintenance

\$10,000

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design

Project Title: Field House	
Type: Parks & Recreation	Activity #

Project Description
In August 2016, Lee's Summit voters approved a continuation of the ¼-cent sales tax for parks capital projects through 2033. One of the projects identified in the capital campaign was construction of an indoor field house for competitive and recreational sports and year-round training. Construction of a field house would be approximately 100,000 square feet. Final location is determined to be at SW corner of US Highway 50 and MO-291 South in Oldham Village development.

Project Purpose
Project is necessary to serve demands of growing youth sports associations in Lee's Summit and for year-round training and practice.

Estimated Schedule	
Design	Sept 2025-June 2026
Construction	June 2026-December 2027
Anticipated Delivery Method: Public-Private Partnership	

Funding Sources	
Previous Year(s)	\$ 1,000,000
Park Sales Tax FY 27	\$ 21,000,000
Park Sales Tax FY 28	\$ 9,000,000
Total Lifetime Budget	
	\$ 31,000,000

Estimated Annual Operating and Maintenance
\$250,000

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
						

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
						

Project Title: Neighborhood Park Improvements

Type: Parks & Recreation

Activity #

Project Description

In August 2016, Lee's Summit voters approved a continuation of the ¼-cent sales tax for parks capital projects through 2033. A portion of this funding is dedicated to neighborhood park renovations. The final scope of each project will be determined based on priorities and neighborhood input. Parks designated for playground renovations include Dyke Playground, Harris South Playground, Legacy Picnic Venue Playground, Deer Valley Park Playground, Arborwalk Park Playground, Happy Tails Park Playground, Logan Soccer Commons Playground, and Harris North Playground

Project Purpose

To maintain high quality neighborhood parks and amenities including but not limited to playgrounds, trails, restrooms, shelters, site furnishings.

Estimated Schedule

Planning and Design

January 2025-January 2027

Construction

July 2025-October 2027

Anticipated Delivery Method: To Be Determined

Funding Sources

Previous Year(s)

\$ 450,000

Parks Sales Tax FY 2027

\$ 250,000

Parks Sales Tax FY 2028

\$ 420,000

Total Lifetime Budget \$ 1,120,000

Estimated Annual Operating and Maintenance

\$ 20,000

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustainable	Land Use & Design

Project Title: Playground Surface Replacement Program

Type: Parks & Recreation	Activity #
--------------------------	------------

Project Description

Funding will come from ¼ cent Park Sales Tax for capital projects. Funding will transition 22 playgrounds from engineered wood fiber to unitary playground turf for improved accessibility, appearance, safety, and a reduction in maintenance costs. Remaining park playgrounds scheduled for resurfacing include Harris North and South Playgrounds, Dyke Playground, Langsford Park, Deer Valley Park, South Lea Park, Howard Park, Legacy Picnic Venue, Arborwalk Park, Happy Tails Park, Legacy Commons

Project Purpose

Playground surface replacement will reduce maintenance and operations cost and improve safety and accessibility on all of the park playgrounds

Estimated Schedule

Planning and Design	January 2024-June 2028
Construction	July 2024-June 2028
Anticipated Delivery Method: To Be Determined	

Funding Sources

Previous Year(s)	\$ 640,000
Parks Sales Tax FY 2027	\$ 410,000
Parks Sales Tax FY 2028	\$ 400,000
Total Lifetime Budget	\$2,000,000

Estimated Annual Operating and Maintenance

\$ 10,000

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design

Project Title: Safety Town

Type: Parks & Recreation

Activity #

Project Description

In August 2016, Lee's Summit voters approved a continuation of the ¼-cent sales tax for parks capital projects through 2033. A portion of this funding is dedicated to community facilities. The final scope of this project will be determined during the planning phase at a later date

Project Purpose

Safety Town is a miniature town designed to introduce children to the importance of safety, both personal and public safety topics. Amenities would include sidewalks, crosswalks, street signs, traffic signals and replica buildings. Areas of focus include rules of the road, playground and water safety, gun and fire safety. Stranger danger and cyber safety. Household safety including being home alone, answering the phone and memorizing home address and important phone numbers. The targeted age group would be 4-9 year olds. A site selection study was completed in December 2025 with Longview Community Center being location

Estimated Schedule

Planning	September 2025-December 2025
Design and Construction	July 2027-October 2028

Anticipated Delivery Method: To Be Determined

Funding Sources

Previous Year(s)	\$ 30,000
Park Sales Tax FY 2028	\$ 470,000
Park Sales Tax FY 2029	\$ 1,500,000
Total Lifetime Budget	\$ 2,000,000

Estimated Annual Operating and Maintenance

\$ 20,000

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design

Project Title: Unity Property	
Type: Parks & Recreation	Activity #

Project Description
In August 2016, Lee's Summit voters approved a continuation of the ¼-cent sales tax for parks capital projects through 2033. A 30-acre tract was donated to LSPR with the annexation of Unity Village properties in 2015. Initial funding would prepare a master plan of the park with destination types of uses due to the unique nature of the property

Project Purpose
To provide a unique parks activity area with adventure theming due to the topography and dense vegetation on the site. Area is rapidly developing with road improvements on Colbern Road and development of Discovery Park, a 120-acre mixed use development. A parks master plan was completed in December 2025.

Estimated Schedule	
Park Master Plan	June 2025-December 2025
Design and Construction	July 2028-March 2030
Anticipated Delivery Method: Design-Bid-Build	

Funding Sources	
Previous Year(s)	\$ 30,000
Parks Sales Tax FY 2029	\$ 470,000
Parks Sales Tax FY 2030	\$ 1,500,000
Total Lifetime Budget	\$ 2,000,000

Estimated Annual Operating and Maintenance
\$ 20,000

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	●	●	●	●	●	●

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
●	●	●	●	●	●	●

Project Title: Park West Phase 2 Community Park	
Type: Parks & Recreation	Activity #

Project Description
In August 2016, Lee's Summit voters approved a continuation of the ¼ cent sales tax for parks capital projects through 2033. Park West is a 50-acre tract in southwestern Lee's Summit. The property was acquired in 2011. A parks master plan was prepared in 2023. Preliminary cost estimates for the western portion of the site were approximately \$3,700,000

Project Purpose
To provide additional recreational trails and youth practice field space along with other park amenities in southern Lee's Summit in a rapidly growing area.

Estimated Schedule	
Design	February 2026-December 2027
Construction	September 2026-March 2030
Anticipated Delivery Method: Design-Bid-Build	

Funding Sources	
Parks Sales Tax FY 2029	\$ 500,000
Parks Sales Tax FY 2030	\$ 500,000
Parks Sales Tax FY 2031	\$ 2,700,000
Total Lifetime Budget	\$ 3,700,000

Estimated Annual Operating and Maintenance
\$50,000

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	●	●	●	●	●	●

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
●	●	●	●	●	●	●

Project Title: Longview Park New Development Phase II	
Type: Parks & Recreation	Activity #N/A

Project Description
In August 2016, Lee's Summit voters approved a continuation of the ¼ cent sales tax for parks capital projects through 2033. A park master plan was prepared in December of 2024 for the newly acquired 13 acres adjacent to the Longview Community Center near the Longview Community College campus.

Project Purpose
The second phase of park development will serve residents on the west end of Lee's Summit but include destination park amenities for the community as a whole. Park development will include walking trails, destination playground, observation area, park pavilion and smaller shelters, restrooms, and ADA parking improvements

Estimated Schedule	
Planning and Design	June 2025-September 2027
Construction	October 2025-September 2028
Anticipated Delivery Method: Design-Bid-Build	

Funding Sources	
Previous Year(s)	\$ 250,000
Parks Sales Tax FY 2027	\$ 2,500,000
Total Lifetime Budget	\$ 2,750,000

Estimated Annual Operating and Maintenance
\$20,000

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design

Project Title: Kensington Farms- New Park Development

Type: Parks & Recreation

Activity #N/A

Project Description

In August 2016, Lee's Summit voters approved a continuation of the ¼ cent sales tax for parks capital projects through 2033. Kensington Farms is a partially built out residential tract with new development and a relocation of the parks/open space parcel to improve visibility and access from local streets. Park site is approximately 25 acres

Project Purpose

Future park development will serve new residential areas in southern Lee's Summit south of the MO-150 corridor. Amenities will likely include walking trails, vehicle parking, open play field space, playground, shelters, and other site amenities

Estimated Schedule

Planning and Design	September 2028-June 2029
Construction	July 2029-October 2030

Anticipated Delivery Method: To Be Determined

Funding Sources

Parks Sales Tax FY 2030	\$ 500,000
Parks Sales Tax FY 2031	\$ 1,500,000
Total Lifetime Budget	\$ 2,000,000

Estimated Annual Operating and Maintenance

\$20,000

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	●	●	●	●	●	●

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
●	●	●	●	●	●	●

Project Title: Park Operations Building Expansion

Type: Parks & Recreation	Activity #
--------------------------	------------

Project Description

Funding will come from ¼ cent Park Sales Tax for capital projects. Funding will provide resources to renovate the existing Park Operations and Construction Center to allow for additional human resource space, storage, and equipment space to keep up with community growth and resource allocations

Project Purpose

Provide additional space for offices, storage, and equipment

Estimated Schedule

Planning and Design	August 2026-December 2026
Construction	January 2027-June 2027

Anticipated Delivery Method: To Be Determined

Funding Sources

Parks Sales Tax FY 2027	\$ 300,000
Total Lifetime Budget	\$300,000

Estimated Annual Operating and Maintenance

\$ 10,000

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods

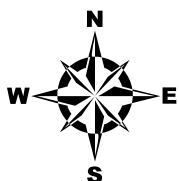
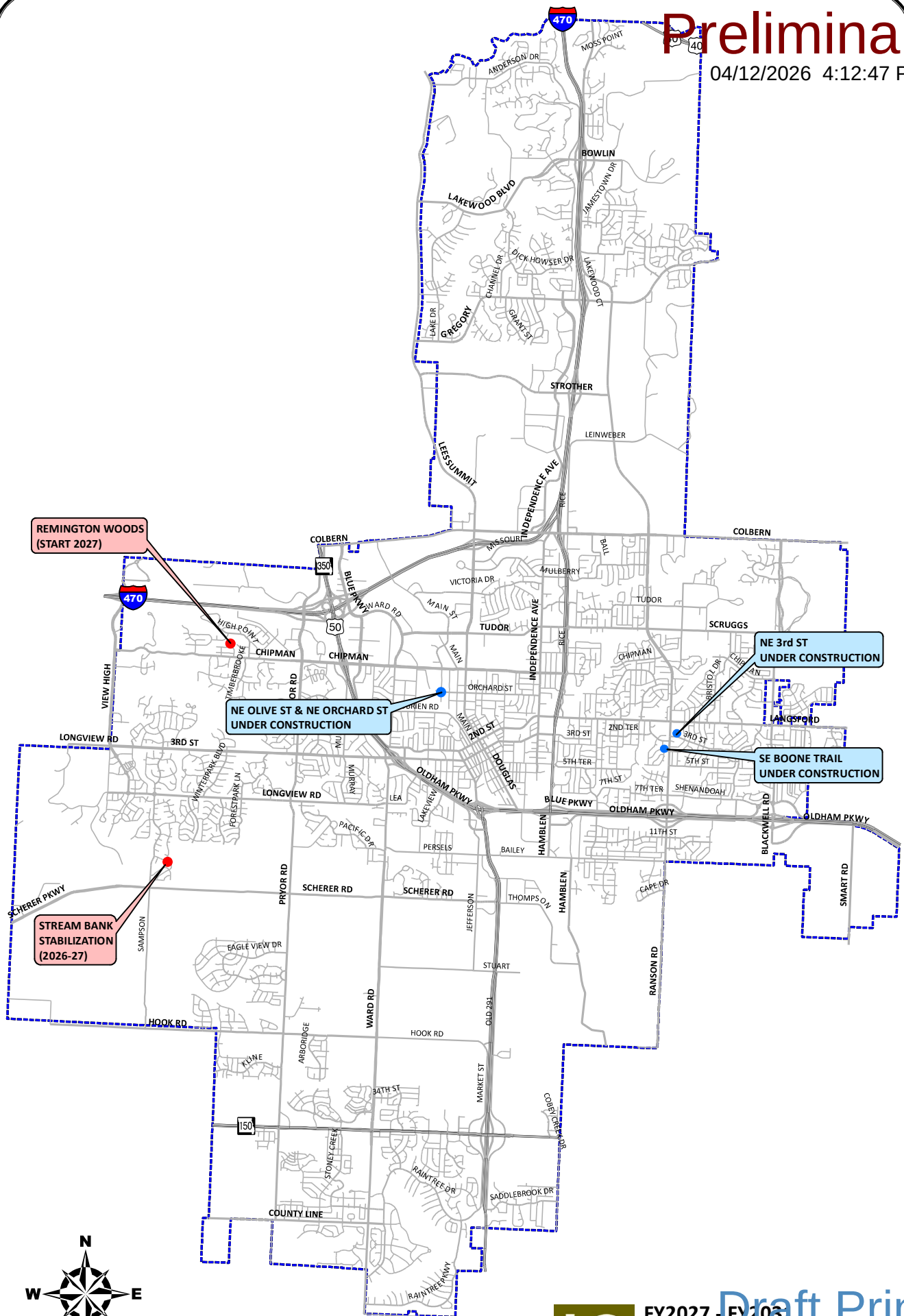
iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design

Capital Improvement Plan *2027-2031*

STORMWATER IMPROVEMENTS





April 2026



FY2027 - FY2031

STORMWATER

CAPITAL IMPROVEMENTS

Draft Print

2/2026 4:13:38 PM

Preliminary

04/12/2026 4:12:47 PM

STORM WATER (Costs in \$1,000s)

Project	Prior Yrs.	FY2027	FY2028	FY2029	FY2030	FY2031	Total
CMP rehab / replacement	1,250	2,250	500	500	500	-	5,000
MARC / USACE Little Blue Watershed CIP Plan	745	-	-	-	-	-	745
Olive and Orchard (reconstruct streets & stormwater)	8,078	-	-	-	-	-	8,078
Sampson Road Stormwater	4,201	-	-	-	-	-	4,201
Stormwater Infrastructure Improvements (2017)	17,082	548	-	-	-	-	17,630
Streambank Stabilization	-	375	-	-	-	-	375
Stormwater Utility Implementation Study	500	-	-	-	-	-	500
Subtotal	31,856	3,173	500	500	500	-	36,529
Less street construction funds included in totals	2,675	-	-	-	-	-	2,675
Less Stormwater Utility Rate Study Fund	500	-	-	-	-	-	500
Less MDNR stormwater grant included in totals	4,546	-	-	-	-	-	4,546
Less water and sewer funds included in totals	1,023	-	-	-	-	-	1,023
TOTAL Stormwater funding	23,112	3,173	500	500	500	-	27,785

Preliminary

04/12/2026 4:12:47 PM

STORMWATER CONCEPTUAL CALENDAR

Project	2026		2027		2028		2029		2030		2031		Out Yrs.
CMP rehab / replacement													
MARC / USACE Little Blue Watershed CIP Plan													
Olive and Orchard (reconstruct streets & stormwater)													
Sampson Road Stormwater													
Stormwater Infrastructure Improvements (2017)													
Streambank Stabilization													
Stormwater Utility Implementation Study													



Pre-Construction Activities (Design, Property Acquisition, Permitting, Utility Relocation)

Construction Activities (Construction, Utility Relocation)

Project Title: Corrugated Metal Pipe (CMP) Rehabilitation / Replacement	
Type: Stormwater, Public Works	Project No. P-176

Project Description
This project will rehabilitate or replace aging and failing CMP. CMP was used for many years in construction storm sewers. The local soil conditions are corrosive to steel products. The bottom channel of the pipe disintegrates as the metal rusts out along the length of the pipe. The failed pipes lead to more catastrophic failures such as sinkholes. This program will replace failing pipe based on a maintenance history, services requests, and a limited system inventory. Funding for this program was approved by the voters in the November 2017 CIP Sales Tax Renewal election.

Project Purpose
To reduce ongoing maintenance costs, and reduce the risk to catastrophic failures of metal pipes.

Estimated Schedule	
Inventory / Evaluation	2021
Construction	2022-2033
Anticipated Delivery Method: To Be Determined	

Funding Sources	
2017 CIP Sales Tax	\$5,000,000
Total Lifetime Budget	\$5,000,000

Estimated Annual Operating and Maintenance
No impact on maintenance costs.

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		○		◐		◐

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
◐	◐			●	●	

MARC / USACE Little Blue Watershed CIP Plan	
Type: Stormwater, Public Works	Project No. P-118

Project Description
Study of the Little Blue River Watershed, that includes Mouse Creek, Cedar Creek, Maybrook Creek, East Fork of the Little Blue River, the Prairie Lee Lake watershed, etc. The last stormwater study was based on the US Army Corps of Engineers (USACE) Little Blue flood control projects in the early 1970s. This project will update the watershed based on development, iGNITE comp plan, updated rainfall data, and updated water quality standards. This study is partnership, along with shared fund among USACE, MARC, and local agencies within the water shared. The total cost of study is about \$3 million, of which USACE pays 50%. The remanaing \$1.5M will be split among 7 agencies (cities and County). Lee's Summit cost will not exceed \$450,000 and the amount can be reduced by in-kind contribution.

Project Purpose
Plan Capital Projects to mitigate flooding and create master plan to guide future development policies that mitigate offsite flooding and improve water quality.

Estimated Schedule	
Scoping with MARC/USACE	2022
Study, Analysis, and Report	2022-2027
Anticipated Delivery Method: By Others	

Funding Sources	
2017 CIP Sales Tax	\$745,000
Total Lifetime Budget	\$745,000

Estimated Annual Operating and Maintenance
No impact on maintenance costs.

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	○	○	●	●		●

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
●	●			●	●	●

Project Title: Olive and Orchard (Local Road Reconstruction and Stormwater)

Type: Stormwater

Project No. P-117

Project Description

This project will reconstruct Orchard from Olive to Douglas, reconstruct Olive from Orchard to Chipman, and install stormwater infrastructure in the area. Olive and Orchard are mapped as a bike/ped route in the City's Greenway Master Plan to provide a safe connection to Chipman Road at a signalized intersection. The streets will be rebuilt as improved urban streets with curb, gutter, sidewalks, enclosed stormwater systems, and pavement to accommodate mixed, local traffic.

Project Purpose

Provide bike/ped connections to Chipman Road Trail and Commerce Drive to the north at the signalized intersection; provide bike/ped connection to parks and schools in area; mitigate structural flooding; rehabilitate aging infrastructure; and provide neighborhood connectivity.

Estimated Schedule

Design and Right of Way Acquisition 2023-2025

Construction 2026-2027

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

Transportation Sales Tax \$2,675,000 (324)

CIP Sales Tax Renewal \$4,430,000 (322)

Water Construction \$ 954,000 (316) (FY23-24)

Sewer Construction \$ 19,000 (317) (FY23-24)

Total Lifetime Budget \$8,078,000

Estimated Annual Operating and Maintenance

\$15,500

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	○	◐	◐	●	○	●

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
●	●	○	●	●	◐	◐

Sampson Road Stormwater Improvements

Type: Stormwater, Public Works

Project No. P-119

Project Description

Restore the natural stream channel and remove the waterway restriction by raising and widening the bridge over Mouse Creek, remove invasive plant species, construct a floodway bench, and install stormwater BMP's. The existing bridge along Sampson Road crosses over Mouse Creek a single lane, wood deck bridge on abutments installed over 100 years ago. These abutments restrict the channel causing stream degradation, erosion around the abutments, and flooding upstream. The channel degradation has created a large plume of silt deposits in Longview Lake where Mouse Creek empties into the Lake. The silt adversely affects natural habits and reduces the flood storage volume of Longview Lake. The project will construct a bridge to accommodate pedestrians and cyclists; restore and stabilize the natural stream channel; open the floodway to reduce backwater flooding upstream; install stormwater BMPs; and construct a Mouse Creek Trail crossing for Parks Department to support the Greenway Master Plan.

Project Purpose

The primary purpose is to restore the natural stream channel to reduce silt transport into Longview Lake, re-establish native habitats, and reduce the risk of flooding upstream. Secondary benefits will provide a multi-modal crossing over Mouse Creek.

Estimated Schedule

Design	2023-2024
Construction	2025-2026

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

2017 CIP Sales Tax	\$4,061,208
MDNR Stormwater Grant	\$ 139,404
Total Lifetime Budget	\$4,200,612

*Note: Total MDNR Grant = \$4,546,000. \$139,404 allocated to Sampson Rd project, \$4,406,596 allocated to Stormwater Infrastructure Improvements.

Estimated Annual Operating and Maintenance

No impact on maintenance costs.

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐	●	◐		

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
●			●	●	●	●

Project Title: Stormwater Infrastructure Improvements

Type: Stormwater, Public Works

Project No. P-108

Project Description

This program will upgrade and/or improve the existing City stormwater system to relieve structural flooding throughout the City of Lee's Summit. Funding for this program is through the 2017 CIP Sales Tax Fund.

Project Purpose

To reduce or eliminate structural flooding throughout the City. Locations of past flooding are outlined by the City's Stormwater Master Plan and/or provided through citizen and Staff input.

Estimated Schedule

Design and Right of Way Acquisition	2018-2028
Construction	2018-2030

Anticipated Delivery Method: To Be Determined

Funding Sources

2017 CIP Sales Tax (F300)	\$13,223,404
MDNR Stormwater Grant	\$ 4,406,596*
Total Lifetime Budget	\$17,630,000

*Note: Total MDNR Grant = \$4,546,000. \$139,404 allocated to Sampson Rd project, \$4,406,596 allocated to Stormwater Infrastructure Improvements.

Estimated Annual Operating and Maintenance

No impact on maintenance costs.

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
○		○		◐	●	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
		●	◐	●		◐

Project Title: Streambank Stabilization Phase 2	
Type: Stormwater, Public Works	Project No. (pending)

Project Description
This project will stabilize streambanks at the outfall of a City owned concrete channel located in the Longview Farms Subdivision. The stormwater flows leaving the channel have created erosion to the stream and are undermining the ground supporting the channel.

Project Purpose
To protect the downstream end of the channel and the receiving stream.

Estimated Schedule	
Design and Easement Acquisition	2026
Construction	2026-27
Anticipated Delivery Method: Job Order (e.g. Indefinite or On-Call)	

Funding Sources	
2017 CIP Sales Tax (F300)	\$375,000
Total Lifetime Budget	\$375,000

Estimated Annual Operating and Maintenance Expense
No impact on maintenance costs.
Capitalization: Not Applicable

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●			◐	●		◐

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
○	◐			●	●	

Stormwater Utility Implementation Study

Type: Stormwater, Public Works

Project No. P-177

Project Description

Conduct study and public engagement to create a new stormwater utility that will fund stormwater management activities through user fees. The study will conduct extensive engagement with stakeholders, elected officials, and the public to develop level of service goals and policies related to stormwater management. Phase 1 will culminate with a public election on the proposed fee structures. If approved, Phase 2 will move to starting up the utility through hiring staff, procuring equipment, and establishing a billing system.

Project Purpose

Provide a sustainable funding source to manage, maintain, and improve the City's stormwater infrastructure.

Estimated Schedule

Phase1: Public Engagement & Election 2022-2026

Phase 2: Startup and Transition 2026-2027

Anticipated Delivery Method: To Be Determined

Funding Sources

Stormwater Utility Fund (540) \$500,000

Total Lifetime Budget \$500,000

Estimated Annual Operating and Maintenance

No impact on maintenance costs.

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●	○	◐	○	●		◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
○	◐	◐		●	●	●

Capital Improvement Plan *2027-2031*

SANITARY SEWER IMPROVEMENTS



Preliminary

04/12/2026 4:12:47 PM

SANITARY SEWER

(Costs in \$1,000s)

Project	Prior Yrs.	FY2027	FY2028	FY2029	FY2030	FY2031	Total
5A/5B Interceptor Rehabilitation	-	637	-	-	-	-	637
Big Creek EFHB & Pump Station	-	1,274	-	12,475	-	-	13,749
Cedar Creek Interceptor Phase 4	900	3,600	-	-	-	-	4,500
Community Sewer Lines	500	-	-	-	-	-	500
Community Sewer Lines - Phase II	-	-	500	-	-	-	500
Flow Monitoring	-	-	50	-	-	-	50
Forcemain/Interceptor/Under Lake Repair Program	-	-	-	-	1,000	-	1,000
FY24 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs	1,570	-	-	-	-	-	1,570
FY25 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs	1,600	-	-	-	-	-	1,600
FY26 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs	1,500	-	-	-	-	-	1,500
FY27 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs	-	1,000	-	-	-	-	1,000
FY28 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs	-	-	1,000	-	-	-	1,000
FY29 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs	-	-	-	1,500	-	-	1,500
FY30 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs	-	-	-	-	1,500	-	1,500
FY31 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs	-	-	-	-	-	1,500	1,500
HCA EFHB Decommissioning	171	-	-	-	-	-	171
I-470 Bore - St Lukes to Colbern	1,698	-	-	-	-	-	1,698
Jacomo Watershed Improvements	1,000	9,400	-	-	-	-	10,400
Lee's Summit LS Forcemain Under RR	-	701	-	-	-	-	701
Little Cedar Interceptor Rehabilitation	-	-	650	-	-	-	650
Maybrook Watershed Capacity Improvements	-	-	750	-	-	-	750
Maybrook Watershed Knife Valve Replacement	-	-	500	-	-	-	500
MBC-Winnebago EFHB	1,270	-	-	-	-	-	1,270
Oaks Ridge Meadows Pump Stations Wetwell Rehab	-	-	128	-	-	-	128
Sewer Improvements - Cedar Creek MH (30-321 to 30 -145)	550	-	-	-	-	-	550
Sewer Main Cathodic Protection	600	-	-	-	-	-	600
Sewer Main Rehab and Creek Stabilization	450	-	-	-	-	-	450
Tudor Force Main - Air Relief & Control Valve Update	57	-	-	-	-	-	57
Tudor Force Main - Rehab	1,513	3,747	-	-	-	-	5,260
Tudor Road Pump Station Improvements	-	1,550	13,200	-	-	-	14,750
Wastewater Master Plan Update	-	-	-	250	-	-	250
Water Utilities Service Center Expansion	-	-	-	-	1,500	-	1,500
Water Utilities Service Center Parking Lot Expansion	150	-	-	-	-	-	150
West Prairie Lee Sewer Capacity Improvements	8,878	-	-	-	-	-	8,878
TOTAL	22,407	21,909	16,778	14,225	4,000	1,500	80,819

Indicates new project added to CIP this year

Preliminary

04/12/2026 4:12:47 PM

SANITARY SEWER CONCEPTUAL CALENDAR

Project	2026	2027	2028	2029	2030	2031	Out Yrs.
FY24 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs							
FY25 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs							
Sewer Improvements - Cedar Creek MH (30-321 to 30 -145)							
I-470 Bore - St Lukes to Colbern							
Sewer Main Rehab and Creek Stabilization							
Tudor Force Main - Air Relief & Control Valve Update							
Water Utilities Service Center Parking Lot Expansion							
West Prairie Lee Sewer Capacity Improvements							
HCA EFHB Decommissioning							
MBC-Winnebago EFHB							
Community Sewer Lines							
Sewer Main Cathodic Protection							
FY26 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs							
Tudor Force Main - Rehab							
Cedar Creek Interceptor Phase 4							
5A/5B Interceptor Rehabilitation							
FY27 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs							
Tudor Road Pump Station Improvements							
Lee's Summit LS Forcemain Under RR							
Jacomo Watershed Improvements							
Big Creek EFHB & Pump Station							
Flow Monitoring							
Oaks Ridge Meadows Pump Stations Wetwell Rehab							
Little Cedar Interceptor Rehabilitation							
Maybrook Watershed Knife Valve Replacement							
FY28 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs							
Maybrook Watershed Capacity Improvements							
Community Sewer Lines - Phase II							
Wastewater Master Plan Update							
FY29 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs							
FY30 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs							
Water Utilities Service Center Expansion							
Forcemain/Interceptor/Under Lake Repair Program							
FY31 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs							

 Pre-Construction Activities (Design, Property Acquisition, Permitting, Utility Relocation)
 Construction Activities (Construction, Utility Relocation)

Project Title: 5A/5B Interceptor Rehabilitation	
Type: Sanitary Sewer	Activity #96731783

Project Description
Rehabilitate approximately 4,050 linear feet of 30" reinforced concrete pipe (RCP) that runs from the 5A/5B Excess Flow Holding Basins to the Tudor Road Pump Station.

Project Purpose
Lining of the RCP will reduce the effects from H2S corrosion, improving the structural integrity of the pipe and extending the useful life.

Estimated Schedule	
Construction	2027
Anticipated Delivery Method: To Be Determined	

Funding Sources	
Sewer Construction Fund	\$637,000
Total Lifetime Budget	\$637,000

Estimated Annual Operating and Maintenance
No additional operating/maintenance costs

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			○	◐

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	◐	○		●	◐	

Project Title: Big Creek EFHB and Pump Station

Type: Sanitary Sewer

Activity #1003.31583

Project Description

This project includes the construction of an Excess Flow Holding Basin (EFHB) within the Big Creek watershed. The pump station will convey flow from the Big Creek Interceptor to the EFHB.

Project Purpose

The Big Creek Interceptor conveys flow from the Big Creek watershed to the Greenwood Pump Station, which is owned and operated by the Middle Big Creek sub-district of the Little Blue Valley Sewer District. The Big Creek Interceptor is divided into three segments, of which Segments 1 and 2 are owned and operated by the City of Lee's Summit while Segment 3 is owned and operated by Greenwood. There are existing capacity constraints on the Big Creek Interceptor in Segment 2. The EFHB will store peak flows during wet weather events until the event has subsided and can be released back into the gravity system.

Estimated Schedule

Design	2026
Construction	2028-2029

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Tap Fund	\$13,749,000
----------------	--------------

Total Lifetime Budget \$13,749,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			◐	○

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	○	◐		●	○	

Project Title: Cedar Creek Interceptor Phase 4	
Type: Sanitary Sewer	Activity #New

Project Description
This sanitary sewer project addresses capacity constraints within the Cedar Creek Watershed.

Project Purpose
This project is being designed and constructed by the City. Reimbursement for this work will be by the developer via a development agreement.

Estimated Schedule	
Design	2026-2027
Construction	2027-2028
Anticipated Delivery Method: To Be Determined	

Funding Sources	
Sewer Construction Fund	\$4,500,000
Total Lifetime Budget	\$4,500,000

Estimated Annual Operating and Maintenance
No additional operating/maintenance costs

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			◐	○

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	○	◐		●	○	

Project Title: Community Sewer Lines

Type: Sanitary Sewer

Activity #75831783

Project Description

Replacement of privately owner sewer lines serving multiple properties with a public line.

Project Purpose

Throughout the city there are residential properties where the homes sanitary sewer service is connected to a line that is not owned and maintained by the city. These lines generally do not meet the City's standard for sewer mains and are in poor condition. This program will identify these lines, attempt to acquire easements and work to replace these with public infrastructure.

Estimated Schedule

Design and Construction

2023-2027

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund

\$500,000

Total Lifetime Budget \$500,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐		◐		◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	◐			◐	◐	

Project Title: Community Sewer Lines – Phase II	
Type: Sanitary Sewer	Activity # 1101.31783

Project Description
Replacement of privately owner sewer lines serving multiple properties with a public line.

Project Purpose
Throughout the city there are residential properties where the homes sanitary sewer service is connected to a line that is not owned and maintained by the city. These lines generally do not meet the City's standard for sewer mains and are in poor condition. This program will identify these lines, attempt to acquire easements and work to replace these with public infrastructure.

Estimated Schedule	
Design and Construction	2028
Anticipated Delivery Method: To Be Determined	

Funding Sources	
Sewer Construction Fund	\$500,000
Total Lifetime Budget	\$500,000

Estimated Annual Operating and Maintenance
No additional operating/maintenance costs

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐		◐		◐

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	◐			◐	◐	

Project Title: Flow Monitoring	
Type: Sanitary Sewer	Activity #903.31783

Project Description
This project consists of flow and rainfall monitoring throughout the City.

Project Purpose
The data collected through this project will be used to calibrate the Wastewater Master Plan model in its 5-year update.

Estimated Schedule	
Data Collection	2028
Anticipated Delivery Method: To Be Determined	

Funding Sources	
Sewer Construction Fund	\$50,000
Total Lifetime Budget	\$50,000

Estimated Annual Operating and Maintenance
No additional operating/maintenance costs

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		●			●	○

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	○	●		●	●	

Project Title: Forcemain/Interceptor/Under Lake Repair Program	
Type: Sanitary Sewer	Activity #New

Project Description
Rehabilitation of forcemains, large diameter interceptors, and interceptors located under ponds or lakes.

Project Purpose
The size and location of the sanitary infrastructure would be costly to replace, therefore, a targeted rehabilitation will reduce the effects from H2S corrosion, improve the structural integrity of the pipe, and extend the useful life in a cost effective manner.

Estimated Schedule	
Construction	2030
Anticipated Delivery Method: To Be Determined	

Funding Sources	
Sewer Construction Fund	\$1,000,000
Total Lifetime Budget	\$1,000,000

Estimated Annual Operating and Maintenance
No additional operating/maintenance costs

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			○	◐

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	◐	○		●	◐	

Project Title: FY24 I/I Removal - CIPP Lining, Manhole Rehab, and LCRs

Type: Sanitary Sewer

Activity #962.31783

Project Description

Project is a multi-year rehabilitation of clay tile pipe, manholes and substandard sewer taps in service throughout the City that allow inflow and infiltration (I/I) to enter into the system.

Project Purpose

Lining of sanitary sewer pipes will reduce the I/I and the potential for blockages.
Rehabilitation of manholes to reduce I/I and H₂S corrosion.
Repair of substandard sewer taps to reduce I/I and the potential for blockages.

Estimated Schedule

Design and Right of Way Acquisition

N/A

Construction

2023-2024

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund

\$ 113,000

MDNR Legislative Priority Grant

\$1,457,000

Total Lifetime Budget \$1,570,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			○	◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	◐	○		●	◐	

Project Title: FY25 I/I Removal - CIPP Lining, Manhole Rehab, and LCRs

Type: Sanitary Sewer

Activity #96331783

Project Description

Project is a multi-year rehabilitation of clay tile pipe, manholes and substandard sewer taps in service throughout the City that allow inflow and infiltration (I/I) to enter into the system.

Project Purpose

Lining of sanitary sewer pipes will reduce the I/I and the potential for blockages.
Rehabilitation of manholes to reduce I/I and H₂S corrosion.
Repair of substandard sewer taps to reduce I/I and the potential for blockages.

Estimated Schedule

Design and Right of Way Acquisition

N/A

Construction

2024-2025

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund

\$ 382,000

MDNR Legislative Priority Grant

\$1,218,000

Total Lifetime Budget \$1,600,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			○	◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	◐	○		●	◐	

Project Title: FY26 I/I Removal - CIPP Lining, Manhole Rehab, and LCRs

Type: Sanitary Sewer

Activity #96431783

Project Description

Project is a multi-year rehabilitation of clay tile pipe, manholes and substandard sewer taps in service throughout the City that allow inflow and infiltration (I/I) to enter into the system.

Project Purpose

Lining of sanitary sewer pipes will reduce the I/I and the potential for blockages.
Rehabilitation of manholes to reduce I/I and H₂S corrosion.
Repair of substandard sewer taps to reduce I/I and the potential for blockages.

Estimated Schedule

Design and Right of Way Acquisition

N/A

Construction

2025-2026

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund

\$1,500,000

Total Lifetime Budget \$1,500,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			○	◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	◐	○		●	◐	

Project Title: FY27 I/I Removal - CIPP Lining, Manhole Rehab, and LCRs

Type: Sanitary Sewer

Activity #96531783

Project Description

Project is a multi-year rehabilitation of clay tile pipe, manholes and substandard sewer taps in service throughout the City that allow inflow and infiltration (I/I) to enter into the system.

Project Purpose

Lining of sanitary sewer pipes will reduce the I/I and the potential for blockages.
Rehabilitation of manholes to reduce I/I and H2S corrosion.
Repair of substandard sewer taps to reduce I/I and the potential for blockages.

Estimated Schedule

Design and Right of Way Acquisition

N/A

Construction

2026-2027

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund

\$1,000,000

Total Lifetime Budget \$1,000,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			○	◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	◐	○		●	◐	

Project Title: FY28 I/I Removal - CIPP Lining, Manhole Rehab, and LCRs

Type: Sanitary Sewer

Activity #New

Project Description

Project is a multi-year rehabilitation of clay tile pipe, manholes and substandard sewer taps in service throughout the City that allow inflow and infiltration (I/I) to enter into the system.

Project Purpose

Lining of sanitary sewer pipes will reduce the I/I and the potential for blockages.
Rehabilitation of manholes to reduce I/I and H₂S corrosion.
Repair of substandard sewer taps to reduce I/I and the potential for blockages.

Estimated Schedule

Design and Right of Way Acquisition

N/A

Construction

2027-2028

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund

\$1,000,000

Total Lifetime Budget \$1,000,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			○	◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	◐	○		●	◐	

Project Title: FY29 I/I Removal - CIPP Lining, Manhole Rehab, and LCRs

Type: Sanitary Sewer

Activity #1102.31783

Project Description

Project is a multi-year rehabilitation of clay tile pipe, manholes and substandard sewer taps in service throughout the City that allow inflow and infiltration (I/I) to enter into the system.

Project Purpose

Lining of sanitary sewer pipes will reduce the I/I and the potential for blockages.
Rehabilitation of manholes to reduce I/I and H₂S corrosion.
Repair of substandard sewer taps to reduce I/I and the potential for blockages.

Estimated Schedule

Design and Right of Way Acquisition

N/A

Construction

2028-2029

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund

\$1,500,000

Total Lifetime Budget

\$1,500,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			○	◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	◐	○		●	◐	

Project Title: FY30 I/I Removal - CIPP Lining, Manhole Rehab, and LCRs

Type: Sanitary Sewer

Activity #New

Project Description

Project is a multi-year rehabilitation of clay tile pipe, manholes and substandard sewer taps in service throughout the City that allow inflow and infiltration (I/I) to enter into the system.

Project Purpose

Lining of sanitary sewer pipes will reduce the I/I and the potential for blockages.
Rehabilitation of manholes to reduce I/I and H2S corrosion.
Repair of substandard sewer taps to reduce I/I and the potential for blockages.

Estimated Schedule

Design and Right of Way Acquisition

N/A

Construction

2029-2030

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund

\$1,500,000

Total Lifetime Budget \$1,500,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			○	◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	◐	○		●	◐	

Project Title: FY31 I/I Removal - CIPP Lining, Manhole Rehab, and LCRs

Type: Sanitary Sewer

Activity #New

Project Description

Project is a multi-year rehabilitation of clay tile pipe, manholes and substandard sewer taps in service throughout the City that allow inflow and infiltration (I/I) to enter into the system.

Project Purpose

Lining of sanitary sewer pipes will reduce the I/I and the potential for blockages.
Rehabilitation of manholes to reduce I/I and H₂S corrosion.
Repair of substandard sewer taps to reduce I/I and the potential for blockages.

Estimated Schedule

Design and Right of Way Acquisition

N/A

Construction

2030-2031

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund

\$1,500,000

Total Lifetime Budget

\$1,500,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			○	◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	◐	○		●	◐	

Project Title: HCA EFHB Decommissioning	
Type: Sanitary Sewer	Activity #96831783

Project Description
Decommission the HCA Excess Flow Holding Basin (EFHB), including eliminating the overflow pipe and pumping facilities.

Project Purpose
The upgrade of specific sections of the South Prairie Lee interceptor sewer will increase the capacity of the interceptor, eliminating the need to store peak flows at the HCA EFHB.

Estimated Schedule	
Design and Construction	2023
Anticipated Delivery Method: To Be Determined	

Funding Sources	
Sewer Construction Fund	\$171,000
Total Lifetime Budget	\$171,000

Estimated Annual Operating and Maintenance
No additional operating/maintenance costs

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		○				○

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	○			◐		

Project Title: I-470 Bore – St. Lukes to Colbern

Type: Sanitary Sewer

Activity #1004.31783

Project Description

This project will include the bore and casing pipe across I-470 to provide a sanitary sewer line that will replace the Douglas Pump Station.

Project Purpose

The Douglas Pump Station currently collects a portion of the commercial flow generated by the development at Douglas and I-470. This project will provide the bore and casing pipe for the future sewer main that will allow the Douglas Pump Station to be decommissioned. A gravity alternative is cheaper to maintain than a pump station and force main.

Estimated Schedule

Design	2024
Construction	2024-2025

Anticipated Delivery Method: Design-Bid-Build

Funding Sources

Sewer Construction Fund	\$ 903,000
MDNR Legislative Priority Grant	\$ 795,000
Total Lifetime Budget	\$1,698,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			◐	○

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	○	◐		●	○	

Project Title: Jacomo Watershed Improvements	
Type: Sanitary Sewer	Activity #New

Project Description
Project consists of the design and construction of wastewater infrastructure to serve the Jacomo Watershed. This includes two submersible pump stations with excess flow holding basin storage and force mains.

Project Purpose
The Jacomo Watershed does not currently have any sanitary sewer infrastructure. The infrastructure is necessary to serve the watershed. The watershed flows naturally to the east, which is Lake Jacomo. The pump station and force main will convey watershed flows to the west to the existing Maybrook collection system.

Estimated Schedule	
Design and Right of Way Acquisition	2026
Construction	2027-2029
Anticipated Delivery Method: To Be Determined	

Funding Sources	
Sewer Tap	\$10,400,000
Total Lifetime Budget	\$10,400,000

Estimated Annual Operating and Maintenance
Estimated at \$60,000

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			○	◐

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	◐	○		●	◐	

Project Title: Lee's Summit LS Forcemain Under RR	
Type: Sanitary Sewer	Activity #New

Project Description
Project will reroute the existing Lee's Summit Lift Station forcemain from its current alignment to the Little Cedar Interceptor, to eliminate the section of the existing forcemain that is under the Rail Road.

Project Purpose
The existing 12" forcemain located under the rail road is inaccessible for rehabilitation, repair, or replacement. The proposed project will avoid the constraints of working under the railroad.

Estimated Schedule	
Design and Right of Way Acquisition	2026-2027
Construction	2027-2028
Anticipated Delivery Method: To Be Determined	

Funding Sources	
Sewer Construction Fund	\$701,000
Total Lifetime Budget	\$1,500,000

Estimated Annual Operating and Maintenance
No additional operating/maintenance costs

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			○	◐

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustainable	Land Use & Design
	◐	○		●	◐	

Project Title: Little Cedar Creek Interceptor Rehabilitation	
Type: Sanitary Sewer	Activity #96931783

Project Description
Rehabilitate the Little Cedar Creek Interceptor, which is approximately 21,000 linear feet of reinforced concrete pipe (RCP) that ranges in size from 21" diameter to 42" diameter. The Little Cedar Creek Interceptor extends from the discharge of the 20" force main from the Tudor Road Pump Station. The rehabilitation will be phased, with the first portion being approximately 3,700 linear feet of 21" to 30" diameter pipe, immediately downstream of the force main discharge.

Project Purpose
Lining of the RCP will reduce the effects from H2S corrosion, improving the structural integrity of the pipe and extending the useful life. The project will be phased to line the sections of pipe with the most evidence of H2S corrosion first.

Estimated Schedule	
Construction	2028
Anticipated Delivery Method: To Be Determined	

Funding Sources	
Sewer Construction Fund	\$650,000
Total Lifetime Budget	\$650,000

Estimated Annual Operating and Maintenance
No additional operating/maintenance costs

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			○	◐

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	◐	○		●	◐	

Project Title: Maybrook Watershed Capacity Improvements

Type: Sanitary Sewer

Activity #76031783

Project Description

Upgrade of specific sections of the Maybrook interceptor sewer to eliminate hydraulic constraints.

Project Purpose

A section of the Maybrook Interceptor, around MH 10-220 to MH 10-221, has a history of backups and/or overflows. Eliminating the hydraulic constraints would improve system performance and capacity.

Estimated Schedule

Design and Construction

2028

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund

\$750,000

Total Lifetime Budget \$750,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			◐	○

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	○	◐		●	○	

Project Title: Maybrook Knife Valve Replacement

Type: Sanitary Sewer

Activity #76131783

Project Description

A study to evaluate the condition of the knife valves and vault on the Maybrook Interceptor sewers located under Lakewood Lake and to provide a recommendation on replacement.

Project Purpose

In the event of a pipe break on the mains under the lake, the valves are a critical component of the replacement process, minimize the amount of lake water that could enter the downstream system. The existing knife valves were installed in the early 1970's.

Estimated Schedule

Study 2028

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund \$500,000

Total Lifetime Budget \$500,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●						○

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	○			●	○	

Project Title: MBC-Winnebago EFHB	
Type: Sanitary Sewer	Activity # 1104.31583

Project Description
This project includes a study and design for the construction of an Excess Flow Holding Basin (EFHB) within the Middle Big Creek watershed.

Project Purpose
The EFHB will address capacity concerns for the subwatershed under future development conditions and will store peak flows during wet weather events until the event has subsided and can be released back into the gravity system. The study will include sizing and layout recommendations and will culminate in the design of the EFHB.

Estimated Schedule	
Study Phase	2025
Design	2025
Anticipated Delivery Method: To Be Determined	

Funding Sources	
Sewer Tap Fund	\$1,270,000
Total Lifetime Budget	\$1,270,000

Estimated Annual Operating and Maintenance
\$1,000

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			◐	○

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure . Capacity	Sustain-able	Land Use & Design
	○	◐		●	○	

Project Title: Oaks Ridge Meadows Pump Stations Wetwell Rehabilitation

Type: Sanitary Sewer

Activity #905.31883

Project Description

Project consists of applying a protective coating to the existing Oaks Ridge Meadows Pump Stations wet wells.

Project Purpose

To extend the useful life of the pump stations by applying a protective coating to the concrete walls of the wet wells, which are vulnerable to deterioration from H₂S gases.

Estimated Schedule

Construction

2028

Anticipated Delivery Method: To Be Determined

Funding Sources

ERP Fund

\$128,000

Total Lifetime Budget \$128,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			◐	○

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	○	◐		●	○	

Project Title: Sewer Improvements – Cedar Creek (MH 30-321 to 30-145)	
Type: Sanitary Sewer	Activity #97031783

Project Description
This sanitary sewer project addresses a 10" sanitary sewer pipe that is a source of I/I by replacing approximately 750 linear feet of pipe and relocating it away from a storm channel.

Project Purpose
Identify improvements that will increase the conveyance of sewer to meet current and future needs within the West Prairie Lee watershed as redevelopment occurs.

Estimated Schedule	
Design and Construction	2023-2026
Anticipated Delivery Method: To Be Determined	

Funding Sources	
Sewer Construction Fund	\$550,000
Total Lifetime Budget	\$550,000

Estimated Annual Operating and Maintenance
No additional operating/maintenance costs

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			◐	○

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	○	◐		●	○	

Project Title: Sewer System Cathodic Protection

Type: Sanitary Sewer

Activity #96631783

Project Description

Project Consists of installing cathodic protection in the form of sacrificial anodes on existing metallic pipes in the sewer system.

Project Purpose

The condition assessment program has identified that the corrosive soils found in and around Lee's Summit is having a detrimental corrosive effect on the sewer systems metallic pipes. These pipes require protection from this corrosion and the simplest form of this protection on existing facilities is Cathodic Protection.

Estimated Schedule

Design	2024
Construction	2024-2025

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction	\$600,000
Total Lifetime Budget	\$600,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐				◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustainable	Land Use & Design
	◐			●	◐	

Project Title: Sewer Main Rehabilitation and Creek Stabilization

Type: Sanitary Sewer

Activity #48531783

Project Description

Protection of sewer infrastructure impacted at stream bed crossings.

Project Purpose

Across the city sanitary sewers cross streams in order to reach outfall locations. Occasionally these streams erode and threaten to impact the sanitary sewers. This project will adjust the sewer location or stream location depending on a number of factors to protect these existing city assets.

Estimated Schedule

Plan Creation

2021-2025

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund

\$700,000

Total Lifetime Budget \$700,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐		○		◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	◐			○	◐	

Project Title: Tudor Road Pump Station Force Main Air Relief and Control Valve Update

Type: Sanitary Sewer

Activity #76431783

Project Description

Replacement and retrofitting of the Tudor Road Pump Station's force mains air relief and control valves.

Project Purpose

The Tudor Road Pump Station has a large diameter force main that conveys its flows to gravity sewers for disposition to the treatment facility. This main utilizes air relief valves at high points to help maintain system efficiency. These have been modified over time and need to be reviewed and replaced.

Estimated Schedule

Plan Creation

2021

Construction

2023

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund

\$230,000

Total Lifetime Budget \$230,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐				○

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	○			●	◐	

Project Title: Tudor Road Force Main Rehabilitation

Type: Sanitary Sewer

Activity # 1105.31783

Project Description

This project will include the rehabilitation of approximately 6,400 linear feet of 30 inch diameter force main from the Tudor Road Pump Station. The nature of the rehabilitation will be identified in the Tudor Road Pump Station Facility Plan.

Project Purpose

The Tudor Road Force Main leaves the pump station as a single force main before splitting into a 20" and 30" force main. The combined force main is approximately 6,400 linear feet and was installed in the early 1990s. Rehabilitation of the combined portion of the force main will extend the useful life of the pipe.

Estimated Schedule

Design	2026
Construction	2026-2027

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund	\$5,260,000
Total Lifetime Budget	\$5,260,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			◐	○

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	○	◐		●	○	

Project Title: Tudor Road Pump Station Improvements

Type: Sanitary Sewer

Activity # 1107.31783

Project Description

This project will include the upgrade of the existing Tudor Road Pump Station as recommended per the Tudor Road Pump Station Facility Plan.

Project Purpose

The Tudor Road Pump Station is a 24 MGD pump station that was put into service in 1993. This pump station has been identified as a high consequence of failure facility. The Tudor Road Pump Station Facility Plan identified components that are nearing the end of their useful life and recommended upgrades to the existing pumps, controls, and improvements to bring the facility into compliance with current codes.

Estimated Schedule

Design	2027
Construction	2027-2028

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund	\$14,750,000
Total Lifetime Budget	\$14,750,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			◐	○

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	○	◐		●	○	

Project Title: Wastewater Master Plan Update

Type: Sanitary Sewer

Activity #908.31783

Project Description

This project consists of an update of the 2022 Wastewater Master Plan. The Master Plan shall be reviewed and updated every five years and includes analysis, modeling, and evaluation of the Sanitary Sewer System.

Project Purpose

This project will ensure that the City's wastewater system is adequately prepared to meet future growth needs through an analysis of the current infrastructure and considering the number of improvements that have been made to the system. Reviewing and updating the Master Plan every five years keeps the Utility current with the changing needs of the future.

Estimated Schedule

Plan Creation

2029

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund

\$250,000

Total Lifetime Budget

\$250,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●				◐	◐	○

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	○	◐		●	◐	

Project Title: Water Utilities Service Center Expansion

Type: Sanitary Sewer

Activity #New

Project Description

Expansion of the Water Utilities Service Center building.

Project Purpose

The Water Utilities Service Center was planned for expansion for growth with the Utility and to accomodate a variety of uses. Current Staffing and equipment levels require further expansion of the warehouse areas.

Estimated Schedule

Design	2029
Construction	2029-2030

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund	\$750,000
Water Construction Fund	\$750,000
Total Lifetime Budget	\$1,500,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●					●	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
		●		●	●	

Project Title: Water Utilities Service Center Parking Lot Expansion

Type: Sanitary Sewer

Activity #New

Project Description

Expansion of the Water Utilities Service Center parking lot.

Project Purpose

The Water Utilities Service Center was planned for expansion for growth with the Utility and to accomodate a variety of uses. Current Staffing and equipment levels require further expansion of the site parking for employee vehicles as well as city equipment.

Estimated Schedule

Design	2025
Construction	2025-2026

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund	\$150,000

Total Lifetime Budget	\$150,000
------------------------------	-----------

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●					●	

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
		●		●	●	

Project Title: West Prairie Lee Sewer Capacity Study, Upgrade Design and Construction

Type: Sanitary Sewer

Activity #72031783

Project Description

This sanitary sewer project consists of modeling of the upper reaches of areas to the west of Highway 291 to identify capacity issues in the existing system that may affect redevelopment in the downtown core.

Project Purpose

Identify improvements that will increase the conveyance of sewer to meet current and future needs within the West Prairie Lee watershed as redevelopment occurs.

Estimated Schedule

Study	2022
Design & Construction	2022-2025

Anticipated Delivery Method: To Be Determined

Funding Sources

Sewer Construction Fund (F317)	\$3,592,000
MDNR Legislative Priority Grant (F317)	\$5,286,000
Total Lifetime Budget	\$8,878,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			◐	○

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	○	◐		●	○	

Capital Improvement Plan *2027-2031*

WATER IMPROVEMENTS



Preliminary

04/12/2026 4:12:49 PM

WATER (Costs in \$1,000s)

Project	Prior Yrs.	FY2027	FY2028	FY2029	FY2030	FY2031	Total
Cathodic Protection	2,462	637	650	663	676	690	5,778
Bowlin Tank - Recoating	1,147	-	-	-	-	-	1,147
Harris Park Standpipe - Demolition	287	250	-	-	-	-	537
KC Supply Phase IV	-	800	-	7,660	6,860	-	15,320
Maybrook Rehab	-	75	-	-	-	-	75
Ralph Powell Road Valve	150	-	-	-	-	-	150
SE System - 291 to Hamblen	-	-	-	-	315	2,269	2,584
Velie Rehab	-	3,000	-	-	-	-	3,000
Water Main Rehabilitation – Dick Howser Bridge Phase 1	150	-	-	-	-	-	150
Water Main Rehabilitation – Dick Howser Bridge Phase 2	-	450	-	-	-	-	450
Water Main – Lakewood Way – Ridgewood to Bowlin Rd	466	-	-	-	-	-	466
Water Main Rehabilitation Program	24,802	8,230	7,547	9,953	10,112	9,274	69,918
TOTAL	29,464	13,442	8,197	18,276	17,963	12,233	99,575

Preliminary

04/12/2026 4:12:49 PM

WATER SUPPLY CONCEPTUAL CALENDAR

Project	2026	2027	2028	2029	2030	2031	Out Yrs.
Bowlin Tank - Recoating							
Ralph Powell Road Valve							
Water Main – Lakewood Way – Ridgewood to Bowlin Rd							
Harris Park Standpipe - Demolition							
KC Supply Phase IV							
Velie Rehab							
Maybrook Rehab							
Water Main Rehabilitation – Dick Howser Bridge Phase 1							
Water Main Rehabilitation – Dick Howser Bridge Phase 2							
SE System - 291 to Hamblen							
Cathodic Protection							
Water Main Rehabilitation Program							

Pre-Construction Activities (Design, Property Acquisition, Permitting, Utility Relocation)
Construction Activities (Construction, Utility Relocation)

Project Title: Cathodic Protection Program (annual)

Type: Water Utilities

Activity # (see below)

Project Description

Project Consists of installing cathodic protection in the form of sacrificial anodes on a portion of the system which is showing signs of corrosion to slow the loss of the wall on the metallic water lines.

Project Purpose

Watermain break data indicates that we are seeing wall degradation on lines installed as recently as 20 years ago. This is due to the type of materials and construction methods used at that time. This corrosive degradation is creating a potential for an increased main break rate in the near future and the need for a rapid expansion in main replacement. The use of cathodic protection is expected to slow this corrosion and allow us to replace these mains at a more reasonable rate.

Estimated Schedule

Design

2026

Construction

2026-2030

Funding Sources

Water Construction	\$1,213,000 FY25, Activity #97831683
Water Construction	\$1,249,000 FY26, Activity #97931683
Water Construction	\$ 637,000 FY27, Activity #98031683
Water Construction	\$ 650,000 FY28, Activity #100931683
Water Construction	\$ 663,000 FY29, Activity # (pending)
Water Construction	\$ 676,000 FY30, Activity # (pending)
Water Construction	\$ 690,000 FY31, Activity # (pending)

5-year Program Budget \$ 5,778,000**Estimated Annual Operating and Maintenance**

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐				◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	◐			○	●	

Project Title: Bowlin Tank - Recoating	
Type: Water Utilities	Activity #New

Project Description
Project consists of recoating the interior and making spot repairs to the exterior coating of Bowlin Tank

Project Purpose
Bowlin Tank provides water storage during the summer.

Estimated Schedule	
Design	2026
Construction	2026

Funding Sources	
Water ERP	\$1,447,100
Total Lifetime Budget	\$1,447,100

Estimated Annual Operating and Maintenance
\$0

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐		○		

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
				◐	●	

Project Title: Harris Park Standpipe - Demolition	
Type: Water Utilities	Activity #43031883

Project Description
Project consists of demolishing the standpipe located in Harris Park.

Project Purpose
The updated water master plan concludes that the the Harris Park Standpipe is no longer needed.

Estimated Schedule	
Design	2025
Construction	2026

Funding Sources	
Water ERP	\$537,000
Total Lifetime Budget	\$537,000

Estimated Annual Operating and Maintenance
No additional operating/maintenance costs

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐		○		

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
				◐	●	

Project Title: KC Supply Phase IV

Type: Water Utilities

Activity (Pending)

Project Description

Paying for improvements to the Kansas City Water System to increase supply to the South Terminal.

Project Purpose

Continued efforts to maintain and strengthen our water distribution system.

Estimated Schedule

Design and Right of Way Acquisition

2027

Construction

2029-2030

Funding Sources

Water Tap

\$ 15,320,000

Total Lifetime Budget

\$15,320,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			◐	◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	◐	◐		●	◐	

Project Title: Maybrook Rehab	
Type: Water Utilities	Activity #

Project Description
Project consists of replacing one or two sections of 16" PCCP pipe.

Project Purpose
An internal inspection of the 16" PCCP water main revealed damage to the concrete core at a location.

Estimated Schedule	
Design	2027
Construction	2027

Funding Sources	
Water Construction	\$75,000
Total Lifetime Budget	\$75,000

Estimated Annual Operating and Maintenance
No additional operating/maintenance costs

Strategic Plan Elements						
Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		●				

iGNITE Comp Plan Elements						
Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	●			●	●	

Project Title: Ralph Powell Road Valve

Type: Water Utilities

Activity #

Project Description

Project consists of installing a valve, concrete vault and necessary equipment to operate the valve using the City's Supervisor Control and Data Acquisition (SCADA) system.

Project Purpose

This valve is located at the boundary of the City's northern and southern pressure zones. Opening the valve will provide an additional water supply to the north zone when needed.

Estimated Schedule

Design 2024

Construction 2026

Funding Sources

Water Construction \$150,000

Total Lifetime Budget \$150,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		●				●

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	●			●	●	

Project Title: SE System – 291 to Hamblen

Type: Water Utilities

Activity #

Project Description

Install a waterline as part of a proposed looped system.

Project Purpose

This project will strengthen our water distribution system.

Estimated Schedule

Design

2030

Construction

2031

Funding Sources

Water Tap

\$2,584,000

Total Lifetime Budget \$2,584,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		●				●

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustainable	Land Use & Design
	●			●	●	

Project Title: Velie Rehab

Type: Water Utilities

Activity #

Project Description

Project consists of replacing a portion of the Velie Water Main.

Project Purpose

The project will help maintain our water system.

Estimated Schedule

Design

2027

Construction

2027

Funding Sources

Water Construction

\$3,000,000

Total Lifetime Budget \$3,000,000**Estimated Annual Operating and Maintenance**

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		●				

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	●			●	●	

Project Title: Water Main Rehabilitation – Dick Howser Bridge Phase 1

Type: Water Utilities

Activity # (Pending)

Project Description

- As part of a condition assessment program, recommendations were made to rehabilitate the 30-inch water transmission main attached under the Dick Howser Bridge. Work will include replacing nuts, bolts and rebuilding vertical supports

Project Purpose

Continued efforts to maintain and strengthen our water distribution system.

Estimated Schedule

Design and Right of Way Acquisition	2025
Construction	2026

Funding Sources

Water Construction	\$ 150,000
Total Lifetime Budget	\$150,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐				◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	◐			○	●	

Project Title: Water Main Rehabilitation – Dick Howser Bridge Phase 2

Type: Water Utilities

Activity # (Pending)

Project Description

- As part of a condition assessment program, recommendations were made to rehabilitate the 30-inch water transmission main attached under the Dick Howser Bridge. Work will include coating the 30-inch water main.

Project Purpose

Continued efforts to maintain and strengthen our water distribution system.

Estimated Schedule

Design and Right of Way Acquisition 2027

Construction 2027

Funding Sources

Water Construction \$ 450,000

Total Lifetime Budget \$450,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐				◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	◐			○	●	

Project Title: Water Main – Lakewood Way – Ridgewood to Bowlin Rd

Type: Water Utilities

Activity #49031483

Project Description

Connect existing Waterlines and Ridgewood and Bowlin Road to create a looped system.

Project Purpose

Continued efforts to maintain and strengthen our water distribution system.

Estimated Schedule

Design and Right of Way Acquisition	2025
Construction	2026-2027

Funding Sources

Water Tap	\$466,000
Total Lifetime Budget	\$466,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health& Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐			◐	◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure. Capacity	Sustain-able	Land Use & Design
	◐	◐		●	◐	

Project Title: Water Main Rehabilitation (annual)

Type: Water Utilities

Activity # (see below)

Project Description

- Watermain break data indicates water main segments that have a high break history and should be replaced. The water main degradation is primarily caused by corrosive soils that can rust hole through the pipe. This program replaces aging water mains with non-corrosive materials. Both trenchless pipe bursting and open cut trenching are used to replace the mains as part of this program. The use of cathodic protection is expected to slow this corrosion and allow us to replace these mains at a more reasonable rate.

Project Purpose

Continued efforts to maintain and strengthen our water distribution system.

Estimated Schedule

Design and Right of Way Acquisition	2025
Construction	2025-2030

Funding Sources

Water Construction	\$ 8,507,000 FY25, Activity #76831683
Water Construction	\$ 8,668,000 FY26, Activity #911.31683
Water Construction	\$ 8,230,000 FY27, Activity # (pending)
Water Construction	\$ 7,547,000 FY28, Activity # (pending)
Water Construction	\$ 9,953,000 FY29, Activity # (pending)
Water Construction	\$10,112,000 FY30, Activity # (pending)
Water Construction	\$9,274,000 FY31, Activity # (pending)
Total 5-year program Budget	\$60,644,000

Estimated Annual Operating and Maintenance

No additional operating/maintenance costs

Strategic Plan Elements

Infrastructure Condition	Education Partners	Health & Well-being	Amenities	Community Engage	Economic Development	Neighborhoods
●		◐				◐

iGNITE Comp Plan Elements

Quality of Life	Neighborhoods	Economic Development	Multi-modal	Infrastructure Capacity	Sustainable	Land Use & Design
	◐			○	●	