# FY 2022 – FY 2026 Adopted Capital Improvement Program (CIP) Executive Summary

The City Council adopted the fiscal year 2022 – 2026 CIP on September 21, 2021. The adopted CIP includes non-recurring projects with a cost of at least \$300,000 and a useful life of at least five years. For 2022 through 2026, the CIP totals \$225 million and includes 39 capital projects.

### Sources of Funding

Funding for the CIP includes a diverse group of funding sources. General obligation bonds used to finance the CIP are repaid through special assessments, property taxes (the debt service mill levy is estimated at approximately 6 mills for fiscal year 2022), and stormwater fees (the equivalent dwelling unit, or EDU, fee is \$109 for fiscal year 2022).

The funding sources in the CIP are:

Funding Sources: FY 2022 - 2026 CIP		
General Fund Revenues	\$64,311,500	28%
General Obligation Bonds (includes SBD bonds)	\$60,987,302	28%
3/8-Cent Sales Tax	\$31,555,635	14%
County 1/4-Cent Sales Tax	\$16,000,000	7%
External Grants	\$12,656,287	6%
Stormwater Revenues	\$10,908,000	5%
Special Highway Fund (Gas Tax)	\$8,611,000	4%
Stormwater General Obligation Bonds	\$5,436,000	2%
TIP Impact Fees	\$3,270,081	1%
Excise Tax	\$2,923,500	1%
Other (includes CARS and SMAC revenues,	\$8,564,695	4%
Park impact fees and revenues, etc.)		
Total	\$225,224,000	100%

The general obligation bonds category includes \$39 million for the Lenexa Justice Center, \$7 million for street projects, and \$15 million for benefit district projects (repaid with special assessments). In addition, external funding sources finance 11% of the CIP for FY 2022 through FY 2026. Examples of external funding include the Special Highway Fund (gas tax), the County Assistance Road System program (CARS), the Stormwater Management Advisory Council program (SMAC), and federal grants.

#### Uses of Funding

The uses of funding by project category are:

Uses of Funding: 2022 - 2026 CIP		
Streets/Bridges/Traffic Projects	\$94,456,000	42%
Facility Projects	\$77,482,000	34%
Stormwater Projects	\$20,221,000	9%
Capital Equipment/Other Projects	\$9,550,000	4%
Parks & Recreation Projects	\$23,515,000	11%
Total	\$225,224,000	100%

# FY 2022 – FY 2026 Adopted Capital Improvement Program (CIP) Executive Summary

Highlighted projects in the adopted CIP include:

- Lenexa Justice Center to be constructed at the southwest corner of Prairie Star Parkway and Britton Street (\$65 million)
- Pavement Management Program (\$37.3 million)
- Indian Trails Aquatics Center Improvements new project (\$15 million)
- Stormwater Infrastructure Replacement (\$9.2 million)
- 87<sup>th</sup> Street Parkway Improvements Renner to Maurer (\$8.4 million)
- City Center North Scarborough/Elmridge Street benefit district (\$7.8 million)
- 99<sup>th</sup> Street and Clare Road construction (\$7.8 million)
- Community Center & Senior Center Improvements (\$7.1 million)
- Pavement Reconstruction Program new project (\$5 million)
- Ad Astra Pool Reconstruction new project (\$4 million)

Please see the "Funded Project Expenditures by Year" document for a full list of projects included in the 2022 – 2026 CIP.

#### **CIP Adoption and Amendments**

In developing communities like Lenexa, the CIP represents a "snapshot" in time. As such, it is the best plan that can be formulated today based on the information available. Staff anticipates presenting amendments as conditions change to assure the CIP continues to implement the city's Comprehensive Plan and achieve the Governing Body's goals.

# City of Lenexa FY2022-2026 Adopted Capital Improvement Program (CIP) Sources and Uses of Funding by Year

Sources of Funding:	Prior <u>Years</u>	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	<u>Totals</u>	<u>% share</u>
General Obligation Bonds	\$428,802	\$39,015,000	\$6,833,500	\$0	\$0	\$0	\$0	\$46,277,302	22%
Stormwater Bonds	\$0	\$1,386,000	\$4,050,000	\$0	\$0	\$0	\$0	\$5,436,000	2%
Special Benefit District Bonds	\$0	\$0	\$14,710,000	\$0	\$0	\$0	\$0	\$14,710,000	7%
General Fund Revenues	\$4,582,401	\$29,114,000	\$14,779,575	\$3,826,000	\$4,255,000	\$3,754,000	\$4,000,524	\$64,311,500	29%
Stormwater Revenues	\$0	\$1,325,000	\$4,283,000	\$1,325,000	\$1,325,000	\$1,325,000	\$1,325,000	\$10,908,000	5%
Excise Tax	\$1,623,500	\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$2,923,500	1%
TIP Fees	\$1,785,070	\$265,713	\$906,831	\$312,467	\$0	\$0	\$0	\$3,270,081	2%
PRIF Fees	\$0	\$0	\$670,000	\$0	\$0	\$0	\$0	\$670,000	0%
3/8 cent sales tax	\$1,331,635	\$2,816,000	\$10,420,000	\$3,257,000	\$5,148,000	\$5,243,000	\$3,340,000	\$31,555,635	14%
County 1/4 cent sales tax	\$0	\$7,125,000	\$8,875,000	\$0	\$0	\$0	\$0	\$16,000,000	7%
Parks Revenues	\$80,000	\$50,000	\$717,000	\$235,000	\$250,000	\$189,665	\$25,000	\$1,546,665	1%
Other funding	\$0	\$0	\$2,300,000	\$0	\$0	\$0	\$0	\$2,300,000	1%
Subtotal:	\$9,831,408	\$82,396,713	\$68,544,906	\$8,955,467	\$10,978,000	\$10,511,665	\$8,690,524	\$199,908,683	89%
External sources of funding:									
Federal & State Grants	\$2,807,680	\$0	\$9,208,607	\$160,000	\$160,000	\$160,000	\$160,000	\$12,656,287	6%
CARS Program	\$0	\$0	\$1,526,000	\$0	\$0	\$0	\$0	\$1,526,000	1%
SMAC Program	\$0	\$1,345,000	\$912,000	\$0	\$0	\$0	\$0	\$2,257,000	1%
Special Highway fund (gas tax)	\$0	\$1,461,000	\$1,430,000	\$1,430,000	\$1,430,000	\$1,430,000	\$1,430,000	\$8,611,000	4%
Other local funding (Olathe School District)	\$0	\$0	\$265,030	\$0	\$0	\$0	\$0	\$265,030	0%
Total external sources of funding:	\$2,807,680	\$2,806,000	\$13,341,637	\$1,590,000	\$1,590,000	\$1,590,000	\$1,590,000	\$25,315,317	11%
Grand Total Sources of Funding:	\$12,639,088	\$85,202,713	\$81,886,543	\$10,545,467	\$12,568,000	\$12,101,665	\$10,280,524	\$225,224,000	100%

# City of Lenexa FY2022-2026 Adopted Capital Improvement Program (CIP) Sources and Uses of Funding by Year

Total Uses of Funding:	\$7,397,275	\$25,484,451	\$92,271,778	\$64,883,656	\$11,100,000	\$13,806,316	\$10,280,524	\$225,224,000	100%
Capital Equipment & Miscellaneous	\$7,382	\$0	\$4,800,000	\$610,618	\$1,832,000	\$1,050,000	\$1,250,000	\$9,550,000	4%
Parks	\$1,537,604	\$716,080	\$6,992,000	\$9,875,000	\$525,000	\$3,869,316	\$0	\$23,515,000	10%
Facilities	\$0	\$6,701,476	\$30,125,000	\$39,155,000	\$500,000	\$500,000	\$500,524	\$77,482,000	34%
Stormwater	\$256,166	\$6,527,469	\$8,237,365	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$20,221,000	9%
Traffic	\$681,473	\$489,215	\$2,379,000	\$1,155,312	\$570,000	\$570,000	\$570,000	\$6,415,000	3%
Streets & Bridges	\$4,914,650	\$11,050,211	\$39,738,413	\$12,787,726	\$6,373,000	\$6,517,000	\$6,660,000	\$88,041,000	39%
Uses of Funding:	Prior <u>Years</u>	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	<u>Totals</u>	<u>% share</u>

# City of Lenexa FY2022 - 2026 Adopted Capital Improvement Program (CIP) Funded Project Expenditures by Year

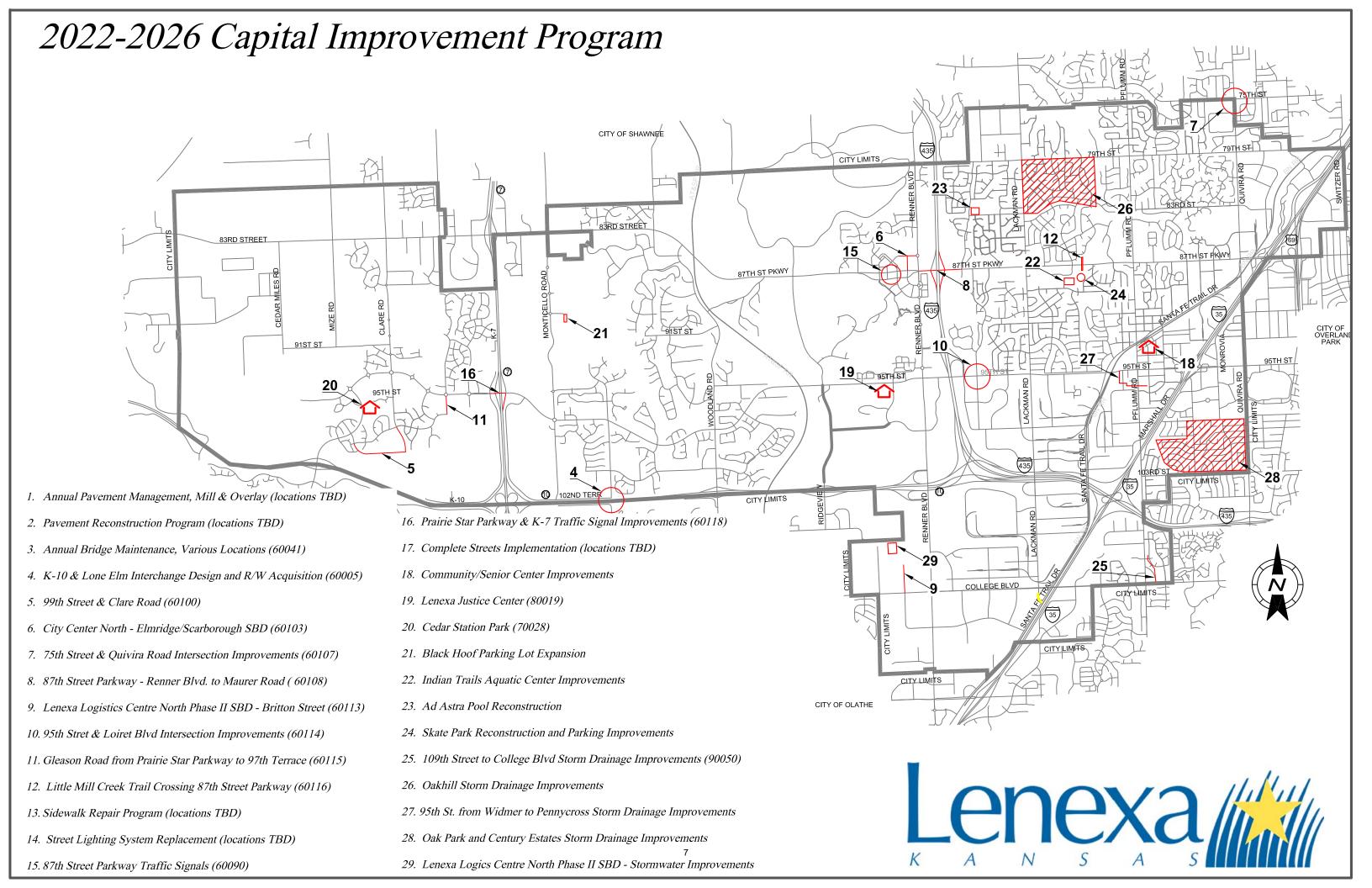
### Year Capital Expenditures are Incurred

Prj		Prior	Budget						
No.	Project Title	Years	2021	2022	2023	2024	2025	2026	Total
	/BRIDGES	10010	ZUZ I	LULL	2020	2024	2020	2020	Total
60120	Pavement Management Program	0	8,252,000	5,538,000	5,668,000	5,803,000	5,947,000	6,090,000	37,298,000
New	Pavement Reconstruction Program	0	0	2,500,000	2,500,000	0	0	0	5,000,000
60041	Bridge Maintenance	0	460,000	270,000	270,000	270,000	270,000	270,000	1,810,000
60005	K-10 & Lone Elm Interchange Design and ROW Acquisition	3,434,274	0	0	4,049,726	0	Ó	0	7,484,000
60100	99th Street & Clare Road	97,937	833,563	6,833,500	0	0	0	0	7,765,000
60103	City Center North Scarborough/Elmridge Street SBD	242,168	0	7,557,832	0	0	0	0	7,800,000
60107	75th Street & Quivira Road Intersection Improvements	0	50,000	388,000	0	0	0	0	438,000
60108	87th Street Parkway Improvements - Renner Blvd. to Maurer Road	895,709	89,910	7,414,381	0	0	0	0	8,400,000
60113	Lenexa Logistics Centre North Phase II - Britton St. Improvements	0	0	5,140,000	0	0	0	0	5,140,000
60114	95th Street & Loiret Boulevard Intersection Improvements	0	278,000	1,570,000	0	0	0	0	1,848,000
60115	Gleason Road from Prairie Star Parkway to 97th Terrace	142,124	669,176	180,700	0	0	0	0	992,000
60116	Little Mill Creek Trail Crossing 87th Street Parkway	102,438	117,562	2,046,000	0	0	0	0	2,266,000
60117	Sidewalk Repair Program	0	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
	Subtotals	4,914,650	11,050,211	39,738,413	12,787,726	6,373,000	6,517,000	6,660,000	88,041,000
TRAFFIC		•	^	400.000	400.000	400.000	400.000	400.000	0.000.000
60042	Street Lighting System Replacement	0	0	460,000	460,000	460,000	460,000	460,000	2,300,000
60090	87th Street Parkway Traffic Signals	610,688	0	260,000	315,312	0	0	0	1,186,000
60118	Prairie Star Parkway & K-7 Traffic Signal Improvements	70,785	129,215	1,549,000	270,000	0	0	0	2,019,000
60119	Complete Streets Implementation	0	360,000	110,000	110,000	110,000	110,000	110,000	910,000
	Subtotals	681,473	489,215	2,379,000	1,155,312	570,000	570,000	570,000	6,415,000
PUBLIC B	BUILDINGS								
Fund 73	Facilities Improvements & Maintenance	0	2.378.476	500,000	500.000	500.000	500.000	500.524	4,879,000
80018	Traffic Maintenance & Sign Shop Study	0	0	50,000	0	0	0	0	50,000
New	Old City Hall Facility Renovation Study	0	0	50,000	50,000	0	0	0	100,000
New	Fire Station #6 Apparatus Covered Storage	0	175,000	200,000	0	0	0	0	375,000
80019	Community Center and Senior Center Improvements	0	0	3,714,000	3,364,000	0	0	0	7,078,000
80020	Lenexa Justice Center	0	4,148,000	25,611,000	35,241,000	0	0	0	65,000,000
	Subtotals	0	6,701,476	30,125,000	39,155,000	500,000	500,000	500,524	77,482,000
	RECREATION								
70012	Playground Equipment Replacement	1,493,684	0	0	210,000	225,000	169,316	0	2,098,000
70028	Cedar Station Park Development	43,920	61,080	872,000	0	0	0	0	977,000
New	Black Hoof Park Parking Lot Expansion	0	25,000	315,000	0	0	0	0	340,000
New	Indian Trails Aquatics Center Improvements	0	630,000	5,640,000	8,730,000	0	0	0	15,000,000
New	Ad Astra Pool Reconstruction	0	0	0	0	300,000	3,700,000	0	4,000,000
New	Skate Park Reconstruction and Parking Improvements	0	0	65,000	935,000	0	0	0	1,000,000
70029	Parks and Recreation Master Plan Update	0	0	100,000	0	0	0	0	100,000
	Subtotals	1,537,604	716,080	6,992,000	9,875,000	525,000	3,869,316	0	23,515,000

# City of Lenexa FY2022 - 2026 Adopted Capital Improvement Program (CIP) Funded Project Expenditures by Year

### Year Capital Expenditures are Incurred

Prj		Prior	Budget						
No.	Project Title	Years	2021	2022	2023	2024	2025	2026	Total
STORMW	/ATER								
90055	Stormwater Infrastructure Replacement	0	2,686,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	9,186,000
90050	109th Street to College & Pflumm Storm Drainage Improvements	66,203	1,433,797	1,175,000	0	0	0	0	2,675,000
90057	Oakhill Storm Drainage Improvements	189,963	1,912,037	618,000	0	0	0	0	2,720,000
New	95th/Widmer to Pennycross Storm Drainage Repair	0	145,000	1,900,000	0	0	0	0	2,045,000
New	Oak Park & Century Estates Storm Drainage Improvements	0	150,000	1,675,000	0	0	0	0	1,825,000
90059	Lenexa Logistics Centre North Phase II - Stormwater Improvements		200,635	1,569,365	0	0	0	0	1,770,000
	Subtotals		6,527,469	8,237,365	1,300,000	1,300,000	1,300,000	1,300,000	20,221,000
<b>MAJOR</b> C	CAPITAL EQUIPMENT & OTHER PROJECTS								
85039	Gateway Monument Program	7,382	0	0	610,618	232,000	0	0	850,000
10037	Fire Apparatus Annual Replacement	0	0	2,500,000	0	1,600,000	1,050,000	1,250,000	6,400,000
85040	City Center East Lot 1 project	0	0	2,300,000	0	0	0	0	2,300,000
	Subtotals	7,382	0	4,800,000	610,618	1,832,000	1,050,000	1,250,000	9,550,000
	Total Cost Funded Projects	7,397,275	25,484,451	92,271,778	64,883,656	11,100,000	13,806,316	10,280,524	225,224,000





# ANNUAL PAVEMENT MANAGEMENT PROGRAM

# **Project Purpose**

The annual Pavement Maintenance Program (PMP) will maintain roadways during their useful life (Pavement Condition Index above 55). Current maintenance procedures include curb & gutter replacement, crack sealing, micro seals, mill & overlay and asphalt surface replacement using ultra-thin bonded asphalt surface (UBAS).

# **Project Description**

In an effort to maintain quality roadways, the City of Lenexa takes a proactive approach to pavement maintenance. Using the GBA Street Master Pavement Maintenance Program, we are able to evaluate alternative maintenance techniques, such as crack sealing, slurry seal, and mill & overlay to create a cost effective program. A portion of funds in the pavement management program will be dedicated towards maintenance of trails and City owned parking lots.



#### Location

Various locations throughout Lenexa

# **Designer**

In-house

#### Contractor

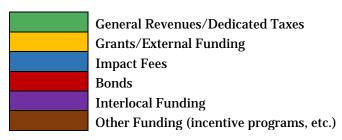
To be awarded to the lowest, qualified bidder.

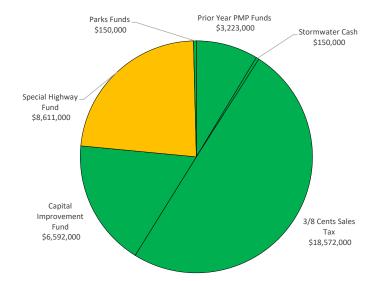
#### **Construction Timeline**

Ongoing

### **Total Cost**

\$37,298,000







# **PAVEMENT RECONSTRUCTION PROGRAM**

# **Project Purpose**

Program would include full or partial reconstruction of failed streets which are past their useful life and where surface treatments are no longer a viable option due to cost and budget considerations. Construction may also include new sidewalks, curbs, replacement of street lights (where applicable) and needed storm drainage improvement, where applicable.

# **Project Description**

Pavement reconstruction of failed streets throughout the City.

#### Location

**Various Locations** 

# Designer

To be awarded to the lowest, qualified bidder.

#### Contractor

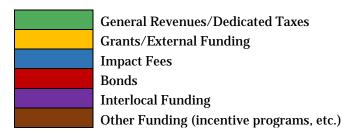
To be awarded to the lowest, qualified bidder.

#### **Construction Timeline**

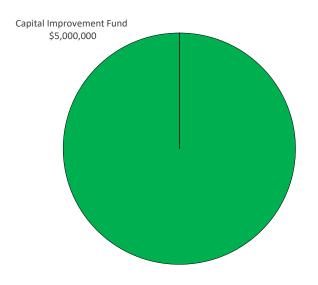
Ongoing

#### **Total Cost**

\$5,000,000









# ANNUAL BRIDGE MAINTENANCE

# **Project Purpose**

Without routine maintenance, the useful life of Lenexa's bridges will be significantly shortened.

# **Project Description**

The City is required to have all 29 bridges inspected biennially and report to the Kansas Department of Transportation. The Annual Bridge Maintenance Program will maintain Lenexa's 29 bridges throughout their useful life. Our consultant has identified a number of maintenance needs to keep our bridges safe and to extend their useful life. Specific improvements include: expansion joint repairs, crack sealing, guardrail repair, and scour protection.

#### Location

Various locations throughout Lenexa

# Designer

In-house

#### Contractor

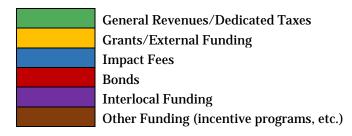
To be awarded to the lowest, qualified bidder.

## **Construction Timeline**

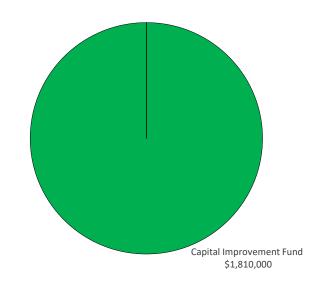
Ongoing

#### **Total Cost**

\$1,810,000









# K-10 HIGHWAY & LONE ELM ROAD DESIGN AND R.O.W. ACQUISITION

# **Project Purpose**

This project represents an integral component to further development within the City as outlined in the Western Lenexa Study completed in 1997.

### **Project Description**

Design of the interchange at Lone Elm and K-10 with over 2 miles of continuous auxiliary lanes between the new K-10 at Lone Elm interchange and the existing K-7 interchange and the Woodland Road interchange. The plan includes widening of approximately 4,600' of Lone Elm to a fourlane arterial street section from 101st Street north of K-10 to 2,600' south of K-10, plus realignment of the frontage road in the southwest quadrant of the interchange to intersect with Lone Elm approximately 1,200' south of the interchange. This project also includes right-of-way acquisition costs.

#### Location

K-10 & Lone Elm Road

# Designer

**Burns & McDonnell** 

#### Contractor

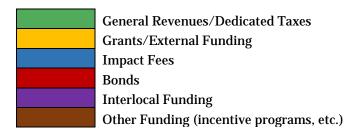
Not applicable.

#### **Construction Timeline**

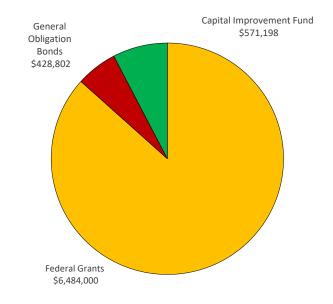
Not applicable.

#### **Total Cost**

\$7,484,000









# 99<sup>TH</sup> STREET & CLARE ROAD IMPROVEMENTS

# **Project Purpose**

To facilitate development of new residential subdivisions and comply with conditions set out in development agreement.

# **Project Description**

Construction of 99th Street as a four-lane, divided roadway from the current end-of-pavement (EOP) at 98th Street easterly 2,550' to future Clare Road, construction of Clare Road from the current EOP at 97th Terrace southerly 1,350' to the proposed 99th Street extension and signalization of 99th Street and Canyon Creek Boulevard. Clare Road would require grading for the ultimate four-lane section, but only constructing the eastern-most two-lanes of asphalt at this time.

### Location

99th Street & Clare Road

# **Designer**

Olsson

#### Contractor

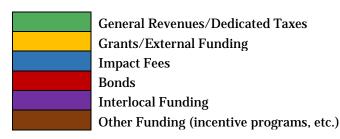
To be awarded to the lowest, qualified bidder.

#### **Construction Timeline**

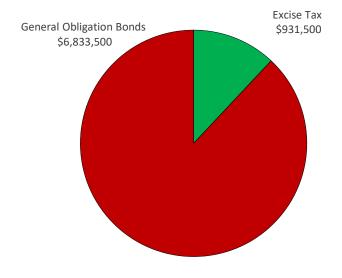
2022

#### **Total Cost**

\$7,765,000









# CITY CENTER NORTH ELMRIDGE STREET SPECIAL BENEFIT DISTRICT

# **Project Purpose**

Construction of Elmridge Street and Scarborough Street provides access to new development within Lenexa City Center North to serve the forthcoming Advent Health Wellness Campus.

# **Project Description**

This project will construct a two-lane roadway with storm drainage system, sidewalk and other appurtenances. The project will be funded through a special benefit district, with the property owner paying 100% of the project cost.

#### Location

Elmridge Street from Renner Boulevard west to the current termination of Elmridge Street near the Central Green, along with Scarborough Street from 87th Street Parkway north to Elmridge Street.

# Designer

**Renaissance Infrastructure Consulting** 

#### Contractor

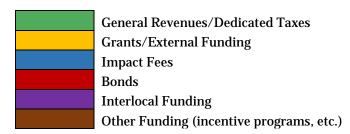
**George Shaw Construction** 

#### **Construction Timeline**

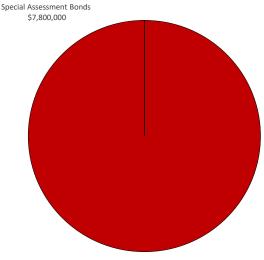
2022

#### **Total Cost**

\$7,800,000









# **75<sup>TH</sup> STREET AND QUIVIRA ROAD INTERSECTION IMPROVEMENTS**

# **Project Purpose**

This project will replace the Evergy leased traffic signal that was purchased a couple years ago. A new City-owned traffic signal and additional turn lanes will improve the operations of the intersection.

# **Project Description**

The City of Shawnee intends to replace the traffic signal at 75th Street and Quivira Road and construct some additional turn lanes at the intersection. The southwest corner of the intersection is within the City limits of Lenexa and this portion of the project will be funded by Lenexa.

#### Location

75th Street and Quivira Road

# **Designer**

**TranSystems** 

#### Contractor

To be selected by the City of Shawnee

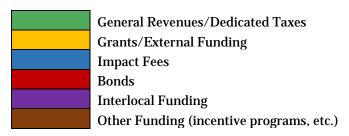
#### **Construction Timeline**

2021 - 2022

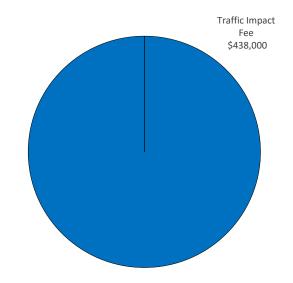
# **Total Cost**

\$438,000

# **Funding Sources**







17101 W. 87<sup>th</sup> Street Parkway Lenexa, Kansas 66219 www.lenexa.com Paula Parke, Traffic Engineer pparke@lenexa.com 913.477.7687



# 87TH STREET PARKWAY RENNER BLVD - MAURER RD IMPROVEMENTS

# **Project Purpose**

Due to development of Lenexa City Center and Sonoma Plaza, additional capacity is needed at the 87th Street Parkway and I-435 interchange. This project received \$3.2 million in federal STP funds from the Mid America Regional Council.

# **Project Description**

The project will add additional through lanes and turn lanes to 87th Street Parkway and to the northbound and southbound I-435 exit ramps. The ultimate configuration is three through lanes along 87th Street Parkway between Renner Blvd. and Maurer Road. In addition, 10' wide trails will be constructed along eastbound and westbound 87th Street Parkway, new storm sewer system installed, and a new traffic signal installed at the 87th Street Parkway and northbound I-435 exit ramp.

### Location

87th Street Parkway from Renner Boulevard to Maurer Road, including both northbound and southbound I-435 exit ramps at 87th Street Parkway.



# **Designer**

**HNTB** 

#### Contractor

**Pyramid Contractors** 

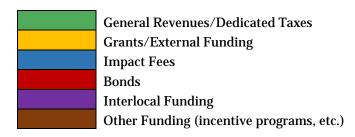
#### **Construction Timeline**

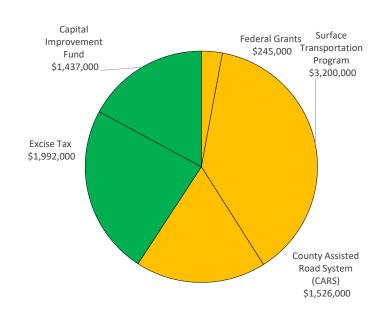
2021 - 2022

# **Total Cost**

\$8,400,000

# **Funding Sources**





#### City of Lenexa

17101 W. 87<sup>th</sup> Street Parkway Lenexa, Kansas 66219 www.lenexa.com

### **Project Manager**

Tim Green, Deputy Community Development Director / City Engineer tgreen@lenexa.com 913.477.7661



# LENEXA LOGISTICS CENTRE NORTH PHASE II BRITTON STREET IMPROVEMENTS

# **Project Purpose**

The proposed street improvements, stormwater detention basin and sanitary sewer installation are needed to serve the Lenexa Logistics Centre North Phase II development.

# **Project Description**

This project will construct 1,640 linear feet of new roadway known as Britton St, new turn lanes along College Blvd., a new traffic signal at College Blvd. and Britton St., a water main and sanitary sewer extension, and a new storm drainage system. The project will be funded through a special benefit district, with the property owners paying 100% of the project cost.

#### Location

College Blvd. and North Britton St.

# Designer

McClure

#### Contractor

ARCO

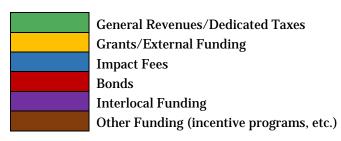
# **Construction Timeline**

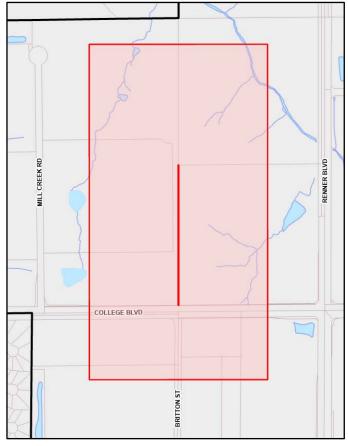
2022

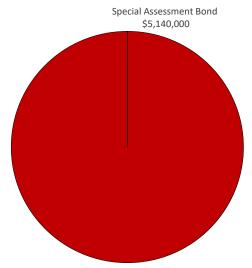
#### **Total Cost**

\$5,140,000

# **Funding Sources**







17101 W. 87<sup>th</sup> Street Parkway Lenexa, Kansas 66219 www.lenexa.com

### Project Manager

Matt Just, Project Manager/Engineer mjust@lenexa.com 913.477.7732



# 95<sup>TH</sup> STREET & LOIRET BOULEVARD INTERSECTION IMPROVEMENTS

# **Project Purpose**

Due to the adjacent development of Grundfos Headquarters, Skyline, along with the extension of Maurer Road and associated development, this intersection now meets warrants for a traffic signal. To provide more efficient operation of the intersection, additional turn lanes are necessary.

# **Project Description**

Install new traffic signal with ADA ramps, pedestrian signals and ADA push buttons on all approaches. Other work includes construction of a westbound right turn lane on 95th Street; a southbound right turn lane on Loiret Blvd; extension of the existing northbound right turn lane on Loiret Blvd; and construction of a trail along Loiret Blvd.

#### Location

Intersection of 95th Street and Loiret Boulevard.

### **Designer**

HNTB

#### Contractor

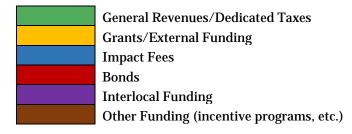
To be awarded to the lowest, qualified bidder.

#### **Construction Timeline**

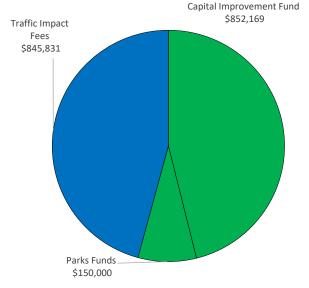
2022

#### **Total Cost**

\$1,848,000









# GLEASON ROAD PRAIRIE STAR PARKWAY TO 97<sup>TH</sup> TERRACE

# **Project Purpose**

The proposed Gleason Road will provide a second access point to the new Canyon Creek Elementary School located at the SW corner of Gleason Road and 97th Terrace. Construction of Gleason Road will reduce the traffic currently using the local subdivision streets.

# **Project Description**

Construct a new 36' wide roadway with sidewalks, multi-use trail, street lighting, and storm drainage system.

### Location

Gleason Road from Prairie Star Parkway to 97th Terrace

# Designer

Garver

#### Contractor

McAnany Construction, Inc.

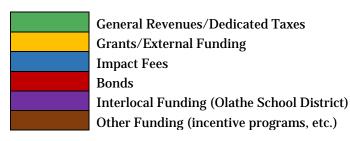
### **Construction Timeline**

2021 - 2022

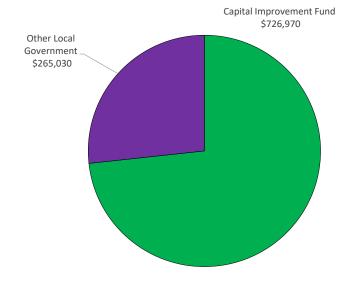
#### **Total Cost**

\$992,000

# **Funding Sources**







17101 W. 87<sup>th</sup> Street Parkway Lenexa, Kansas 66219 www.lenexa.com

### **Project Manager**

Tim Green, Deputy Community Development Director / City Engineer tgreen@lenexa.com 913.477.7661



# LITTLE MILL CREEK TRAIL CROSSING 87<sup>TH</sup> STREET PARKWAY

# **Project Purpose**

The existing Little Mill Creek trail system has a series of steps and a circuitous connection to a signalized crossing across 87th Street. This will improve the accessibility of the trail and safety of the users crossing 87th Street. This will enhance the mixed-use trail system by providing a better crossing of 87th Street which acts as a barrier which will certainly encourage more use of the trails.

# **Project Description**

This project will provide a grade-separated tunnel crossing under 87th Street to connect trails on the north side to trails, Sar-Ko-Par Trails Park and the Indian Trails Aquatics Center on the south side of 87th Street.

#### Location

87th Street Parkway approximately 400' east of Acuff Lane

# **Designer**

Wilson & Company

#### Contractor

To be awarded to the lowest, qualified bidder.

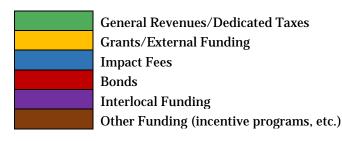
#### **Construction Timeline**

2022

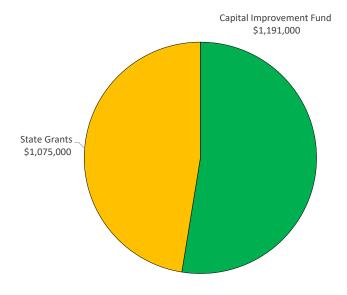
#### **Total Cost**

\$2,266,000

# **Funding Sources**







17101 W. 87th Street Parkway Lenexa, Kansas 66219 www.lenexa.com Ben Clark, Project Manager / Engineer bclark@lenexa.com 913.477.7795



# SIDEWALK REPAIR PROGRAM

# **Project Purpose**

This program will identify and repair sidewalks in the City limits. This program will also address missing gaps in the sidewalk network to create a safer more pedestrian friendly network.

# **Project Description**

A dedicated program to address the repair and construction of sidewalks throughout the community.

#### Location

Various

# Designer

To be selected based on qualifications.

#### Contractor

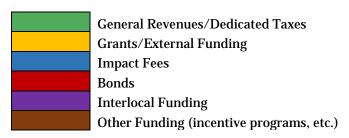
To be awarded to the lowest, qualified bidder.

### **Construction Timeline**

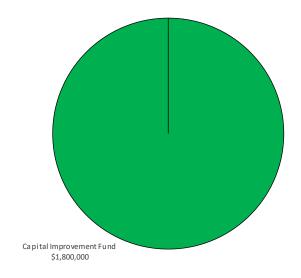
Ongoing

### **Total Cost**

\$1,800,000









# ANNUAL STREET LIGHT REPLACEMENT PROGRAM

# **Project Purpose**

In 2009, the City of Lenexa purchased 2,437 streetlights from Evergy to reduce operating costs. Over time, old and functionally deficient lights will be replaced with modern, energy-efficient ones.

# **Project Description**

Most of the street lights purchased from Evergy are over 30 years old, were installed under different standards, and have exceeded their expected service life. This program will gradually replace older lights with new, energy-efficient lights meeting current standards. The City currently owns over 8,000 streetlights, 99% of which have been installed with or converted to LED lighting, saving over \$300,000 a year in electricity costs.

### Location

Various locations throughout Lenexa

# **Designer**

In-house

#### Contractor

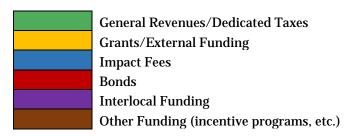
To be awarded to the lowest, qualified bidder.

#### **Installation Timeline**

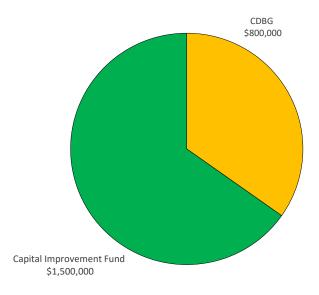
Ongoing

#### **Total Cost**

\$2,300,000









# 87<sup>TH</sup> STREET PARKWAY TRAFFIC SIGNAL IMPROVEMENTS

# **Project Purpose**

Due to increased traffic, it has been determined that signals are needed in order to support growth and development in the City Center area.

# **Project Description**

The original project included the design and construction of a traffic signal at eastbound 87th Street and Penrose Lane and also included the final signal design of the remaining seven (7) intersections on 87th Street from Scarborough to Winchester. The amended project now includes a schedule over the next several years to install the remaining seven (7) traffic signals along 87th Street from Scarborough to Winchester at a rate of three signals next year and then two traffic signals per year the following two years.

# Location

87th Street Parkway from Scarborough to Winchester

# Designer

**HNTB** 

#### Contractor

To be awarded to the lowest, qualified bidder.

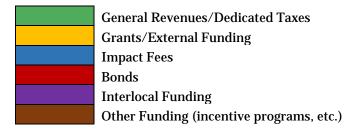
#### **Construction Timeline**

2023 - 2024

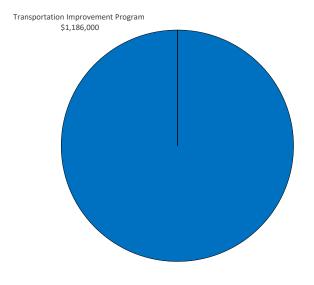
#### **Total Cost**

\$1,186,000

# **Funding Sources**







17101 W. 87th Street Parkway Lenexa, Kansas 66219 www.lenexa.com

### **Project Manager**

Paula Parke, Traffic Engineer pparke@lenexa.com 913.477.7687



# PRAIRIE STAR PARKWAY AND K-7 TRAFFIC SIGNAL IMPROVEMENTS

# **Project Purpose**

Due to increased traffic in this area, traffic signals are needed at this interchange.

# **Project Description**

Install new traffic signals at the K-7 and Prairie Star Parkway interchange and realign the northbound exit ramp.

#### Location

K-7 and Prairie Star Parkway

# Designer

**HNTB** 

### Contractor

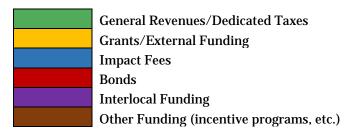
**VF Anderson** 

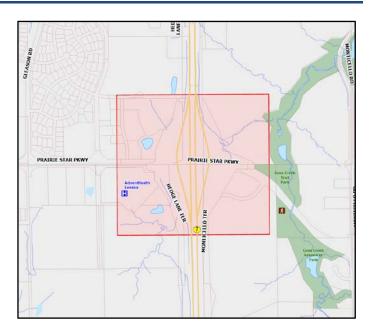
## **Construction Timeline**

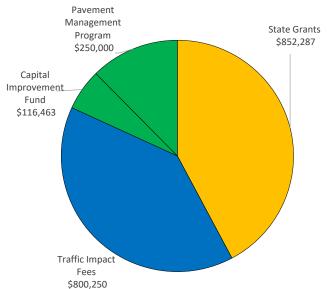
2022

#### **Total Cost**

\$2,019,000









# **COMPLETE STREETS IMPLEMENTATION**

# **Project Purpose**

This program will implement improvements to the street system to accommodate complete streets elements as identified by the 2019 Complete Streets Study.

# **Project Description**

Implement complete streets improvements throughout the City including signing, pavement marking, filling missing sidewalk gaps, crosswalks, etc. as recommended in the Complete Streets Study.

#### Location

Various locations throughout the City.

# **Designer**

To be selected based on qualifications.

#### Contractor

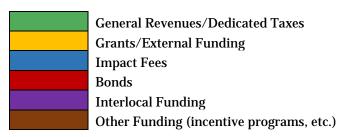
To be awarded to the lowest, qualified bidder.

#### **Construction Timeline**

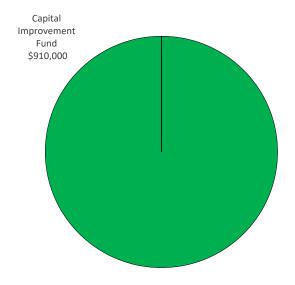
Ongoing

## **Total Cost**

\$910,000









# ANNUAL FACILITIES IMPROVEMENTS AND MAINTENANCE

# **Project Purpose**

To prolong the useful life of our infrastructure, reduce operational costs, and protect stakeholders' investments.

# **Project Description**

Funding for maintenance and improvement of all Cityowned facilities, including parks. Includes: interior and exterior, site parking, roofing, deferred maintenance for equipment replacement, heating, ventilation, and air conditioning (HVAC).

#### Location

Various locations throughout Lenexa

## **Designer**

In-house

#### Contractor

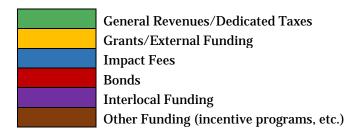
To be awarded to the lowest, qualified bidder.

#### **Construction Timeline**

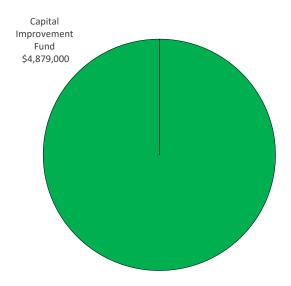
Ongoing

# **Total Cost**

\$4,879,000









# TRAFFIC MAINTENANCE & SIGN SHOP STUDY

# **Project Purpose**

The study will determine what needs to be done to make the maintenance and sign shop a valuable resource.

## **Project Description**

Study replacement of existing maintenance and sign shop

#### Location

7700 Cottonwood Street

### **Designer**

To be selected based on qualifications.

#### Contractor

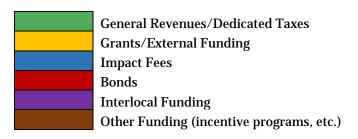
To be awarded to the lowest, qualified bidder.

#### **Timeline**

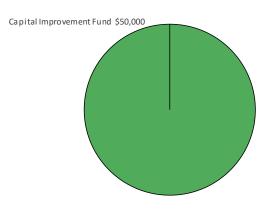
TBD

### **Total Cost**

\$50,000









# **OLD CITY HALL RENOVATION STUDY**

# **Project Purpose**

Study to determine viable renovation options for future use of the former city hall.

# **Project Description**

Study renovation options for old City Hall

# Location

87th St Pkwy and Monrovia St.

# Designer

To be selected based on qualifications.

#### Contractor

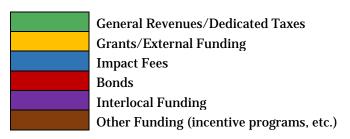
N/A

### **Timeline**

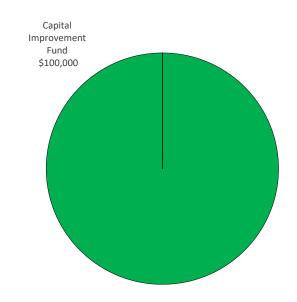
**TBD** 

#### **Total Cost**

\$100,000









# FIRE STATION #6 APPARATUS COVERED STORAGE

# **Project Purpose**

The Fire Department will be able to operate out of this location 365 days a year with covered storage. This building will be designed and constructed with the intent of moving it to another location and be used for other department storage needs once it is no longer needed for fire operations.

# **Project Description**

This project would design and construct a 45x50 metal building in the back parking lot of old City Hall. This structure would provide the needed temporary conditioned covered space for the Fire Department apparatus and Med-Act ambulance. Power would be provided to be able to heat and provide air conditioning to this structure.

#### Location

Back parking lot of old City Hall

# **Designer**

To be selected based on qualifications.

#### Vendor

To be awarded to the lowest, qualified bidder.

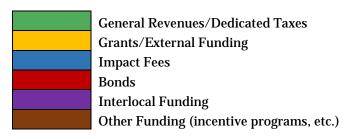
#### **Purchase Timeline**

2022

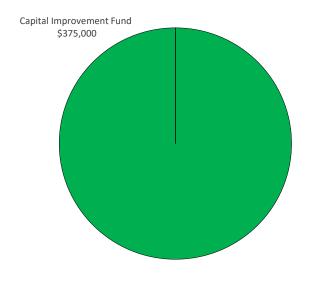
#### **Total Cost**

\$375,000

# **Funding Sources**







17101 W. 87<sup>th</sup> Street Parkway Lenexa, Kansas 66219 www.lenexa.com Nick Arena, Municipal Services Director narena@lenexa.com 913.477.7810



# COMMUNITY CENTER AND SENIOR CENTER IMPROVEMENTS

# **Project Purpose**

Recommendations from the Community Center and Senior Center Study included options for improving operations, programming, and function of the facilities while making the site a greater amenity for the surrounding neighborhood and entire community.

# **Project Description**

Improvements to the Community Center and Senior Center campus including consolidation of buildings, ADA improvements, expansion of senior program areas, and site improvements.

#### Location

93rd and Pflumm Road

### Designer

To be selected based on qualifications.

#### Contractor

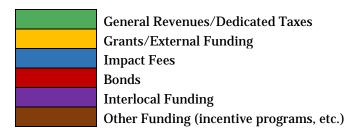
To be awarded to the lowest, qualified bidder.

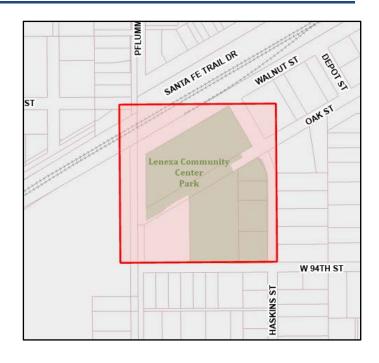
#### **Construction Timeline**

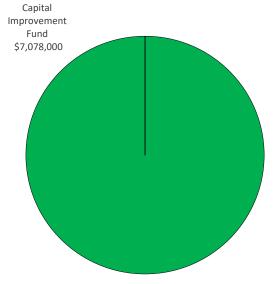
2022 - 2023

#### **Total Cost**

\$7,078,000









# **LENEXA JUSTICE CENTER**

# **Project Purpose**

The current Public Safety Complex was constructed in phases starting in 1980. The current building does not meet the current or future space needs of the Police Department and Municipal Court. The current building has reached the end of its useful life and is currently not configured to meet current best practices in law enforcement. Additional space is needed in all functional areas including communications/dispatch, locker rooms, evidence and records processing, patrol, and training.

# **Project Description**

This project would design and construct a new Lenexa Justice Center that would meet the future space needs of the Police Department and Municipal Court. The project would also enhance security, training, communications/ dispatch and records and evidence storage.

#### Location

Southwest corner of Prairie Star Pkwy. and Britton St.

### **Designer**

Finkle + Williams, Inc.

#### Contractor

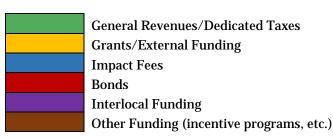
TBD (Construction Manager at Risk delivery method)

#### **Timeline**

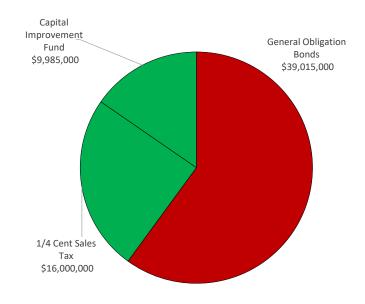
2022 - 2023

#### **Total Cost**

\$65,000,000









# ANNUAL PLAYGROUND EQUIPMENT REPLACEMENT

# **Project Purpose**

Replace playground equipment at various parks due to its age and safety.

# **Project Description**

Playground equipment has a useful life-span and eventually has to be replaced. This project continues the replacement of equipment on a rotating basis.

#### Location

Various parks throughout Lenexa.

# **Designer**

To be awarded to the lowest, qualified bidder.

#### Contractor

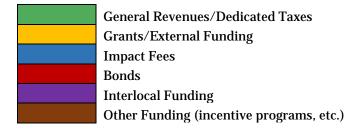
To be awarded to the lowest, qualified bidder.

### **Construction Timeline**

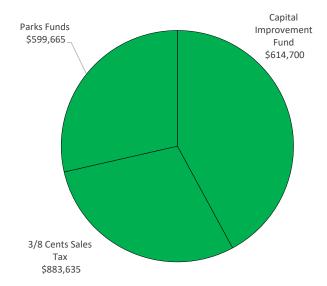
Ongoing

### **Total Cost**

\$2,098,000









# **CEDAR STATION PARK DEVELOPMENT**

# **Project Purpose**

Cedar Station Park would create a small park using Cityowned property abutting Mize Lake and Trail. As residential development has occurred in the surrounding area, the demand for a community park has increased. The City's goal for parks and recreational opportunities include a 10-minute walk to a park or a park within 1/2 mile of all residents. The closest City park and playground is over one mile away.

# **Project Description**

Develop 17 acres of parkland abutting Mize Lake including a small parking lot, playground, restroom, small shelter, interpretive signage and boardwalk access to the lake.

#### Location

Cedar Station Park / Mize Lake - 95th and Canyon Creek Blvd

### Designer

Landworks Studio

#### Contractor

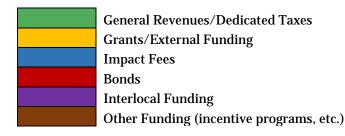
To be awarded to the lowest, qualified bidder.

#### **Construction Timeline**

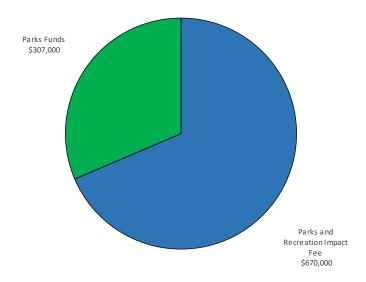
2022

### **Total Cost**

\$977,000









# BLACK HOOF PARKING LOT EXPANSION

# **Project Purpose**

Black Hoof Park continues to be one of the most heavily visited parks in our park system, seeing over 1000 visitors regularly in a day. The oak shelter is regularly rented for gatherings of more than 200 visitors. Our current parking lot of 84 stalls is consistently under pressure and at times not sufficient for this park traffic. This parking lot expansion project will add roughly 100 more parking stalls and provide sufficient parking for future added amenities and also serve our current amenities much better.

# **Project Description**

Expansion of parking lot on the northern portion of Black Hoof Park near the Oak Shelter.

#### Location

90th St and Monticello Rd.

# Designer

Indigo Design & MHS Engineering

#### Contractor

To be awarded to the lowest, qualified bidder.

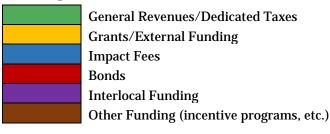
#### **Timeline**

2022

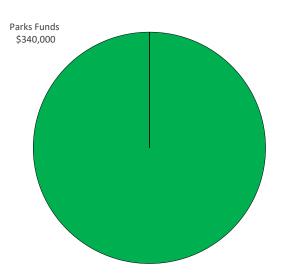
#### **Total Cost**

\$340,000

# **Funding Sources**







17101 W. 87th Street Parkway Lenexa, Kansas 66219 www.lenexa.com Danny Huntsinger, Parks Superintendent dhuntsinger@lenexa.com 913.477.7149



# INDIAN TRAILS AQUATIC CENTER IMPROVEMENTS

# **Project Purpose**

The majority of Indian Trails Aquatic Center is over 45 years old and many elements have reached the end of their useful life. The city completed a comprehensive Aquatics Study that led to the recommendation to renovate and expand Indian Trails Aquatics Center. This project will develop a modernized community-wide aquatic center with the appropriate mix of amenities. The amenities and programming needs were identified through a robust public engagement effort including a community-wide statistically valid survey.



# **Project Description**

Renovation and Expansion of Indian Trails Aquatic Center.

#### Location

87th St Pkwy & Greenway Ln.

### **Designer**

To be selected based on qualifications.

#### Contractor

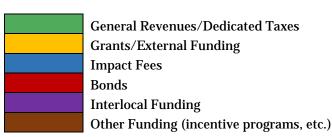
TBD (Construction Manager at Risk delivery method)

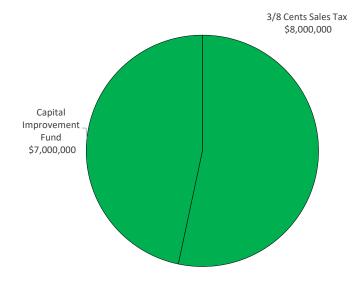
#### **Timeline**

2022 - 2023

#### **Total Cost**

\$15,000,000







# AD ASTRA POOL RECONSTRUCTION

# **Project Purpose**

Ad Astra Pool was built in 1988 and has been structurally problematic since its opening. While many investments and repairs have been made to keep this pool in operation, the on-going and worsening conditions require it to be totally rebuilt to keep this location in operation. In 2021, the city completed a comprehensive Aquatics Study that resulted in the City Council voting to keep a publicly owned and operated pool at Ad Astra. This project will rebuild Ad Astra Pool with the appropriate mix of amenities and programming to complement the nearby Indian Trails Aquatic Center while continuing to serve the surrounding neighborhoods and the community.



# **Project Description**

Reconstruction of Ad Astra Pool

#### Location

83rd St. & Mauer Rd.

### **Designer**

To be selected based on qualifications.

#### Contractor

To be awarded to the lowest, qualified bidder.

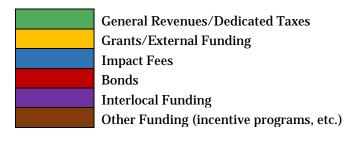
#### **Timeline**

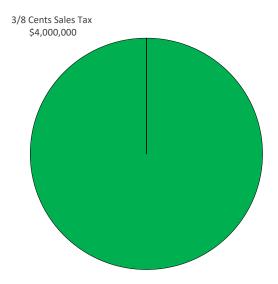
2024 - 2025

#### **Total Cost**

\$4,000,000

# **Funding Sources**





17101 W. 87<sup>th</sup> Street Parkway Lenexa, Kansas 66219 www.lenexa.com Logan Wagler, Parks and Recreation Director lwagler@lenexa.com 913.477.7140



# SKATE PARK RECONSTRUCTION AND PARKING IMPROVEMENTS

# **Project Purpose**

The Skate Park relocation and reconstruction was identified as part of the Parks Master Plan and has been a high priority project for many years. The skatepark is over 20 years old and the surface has deteriorated significantly. The parking lot that serves this skate park, tennis courts, and roller hockey rink is set up poorly and is limited in space. This project will reconfigure the parking lot and provide a much needed and safe pedestrian connection between the new LMC Trail Tunnel and the Indian Trails Aquatic Center along Greenway Lane. Staff believes that should the IT pool project move forward there would be cost efficiencies with performing both of the projects in tandem along with minimizing the disruption to this portion of the park.



# **Project Description**

Relocation and Reconstruction of the Skate Park, parking lot reconfiguration, and improved pedestrian accessibility.

#### Location

87th St. Pkwy. & Greenway Ln.

# **Designer**

To be selected based on qualifications.

#### Contractor

To be awarded to the lowest, qualified bidder.

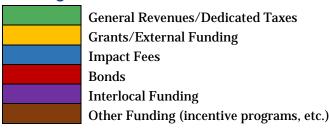
#### **Timeline**

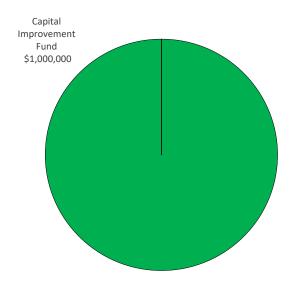
2022 - 2024

#### **Total Cost**

\$1,000,000

# **Funding Sources**





### City of Lenexa

17101 W. 87th Street Parkway Lenexa, Kansas 66219 www.lenexa.com Danny Huntsinger, Parks Superintendent dhuntsinger@lenexa.com 913.477.7149



# PARKS AND RECREATION MASTER PLAN UPDATE

# **Project Purpose**

The existing Parks Master Plan information is 9 years old and a large portion has been completed. This plan update is expected to provide direction on program offerings, facility construction and management, general capital improvements, park amenities, and budgeting. It will also help establish goals, objectives, policies and standards that guide staff through operations and capital planning.

# **Project Description**

An update to the 2012 Parks, Recreation, and Open Space Comprehensive Plan.

#### Location

N/A

#### Consultant

To be selected based on qualifications.

#### Contractor

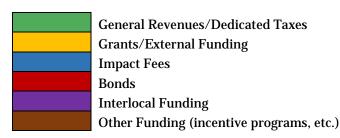
N/A

#### **Timeline**

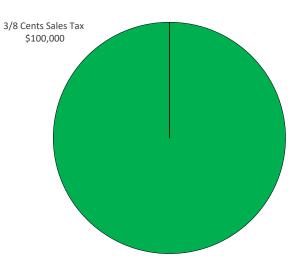
2022

### **Total Cost**

\$100,000









# ANNUAL STORMWATER INFRASTRUCTURE REPLACEMENT

# **Project Purpose**

The City has over 60 miles of corrugated metal pipe (CMP) for stormwater infrastructure due to a previous storm drainage standard that Lenexa and many cities around the country employed for several decades. Lenexa no longer allows CMP for storm drainage due to its susceptibility to corrosion. The City completed its first Condition Assessment of pipes and storm boxes in 2005 and stormwater crews continually update the database. Numerous pipes and the catch basins that connect them are in need of immediate replacement. Others require ongoing proactive maintenance. This project addresses this significant issue in a systematic way over several years.

# **Project Description**

This project reflects the ongoing replacement of CMP and the catch basins that connect them, primarily in eastern Lenexa.

#### Location

Various locations throughout Lenexa.

# **Designer**

To be selected based on qualifications.

#### Contractor

To be awarded to the lowest, qualified bidder.

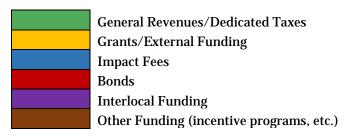
#### **Construction Timeline**

Ongoing

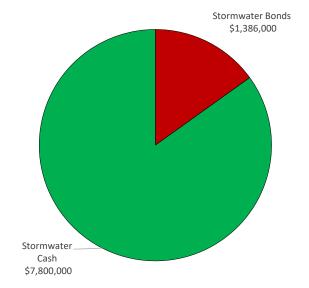
#### **Total Cost**

\$9,186,000

# **Funding Sources**







17101 W. 87th Street Parkway Lenexa, Kansas 66219 www.lenexa.com

# Project Manager

Tom Jacobs, Stormwater Engineer tjacobs@lenexa.com 913.477.7644



# 109<sup>TH</sup> STREET TO COLLEGE BOULEVARD STORM DRAINAGE IMPROVEMENTS

# **Project Purpose**

This storm drainage system has reached the end of its useful life

# **Project Description**

Replacement and rehabilitation of large corrugated metal pipe that began to fail in 2015. Emergency repairs were made at that time but the remainder of the pipe needs to be evaluated and repaired.

#### Location

Northeast corner of the College Boulevard & Pflumm Road

# Designer

Olsson

#### Contractor

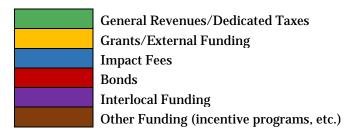
To be awarded to the lowest, qualified bidder.

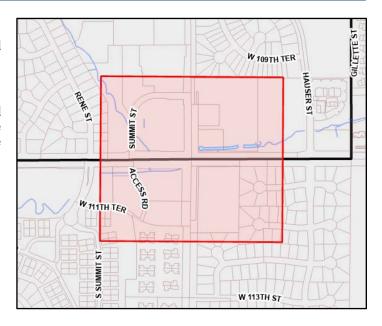
#### **Construction Timeline**

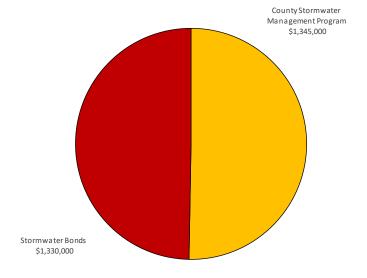
2021 - 2022

### **Total Cost**

\$2,675,000









# OAKHILL STORM DRAINAGE IMPROVEMENTS

# **Project Purpose**

Stormwater infrastructure in the Oakhill neighborhood is in need of repair and/or replacement.

# **Project Description**

Replacement and rehabilitation of existing stormwater infrastructure within the project area.

#### Location

The neighborhoods North of  $83^{rd}$  Street to  $79^{th}$  Street from Lackman east of Little Mill Creek.

# **Designer**

Wilson & Company

#### Contractor

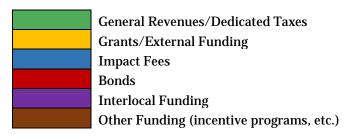
V.F. Anderson Builders

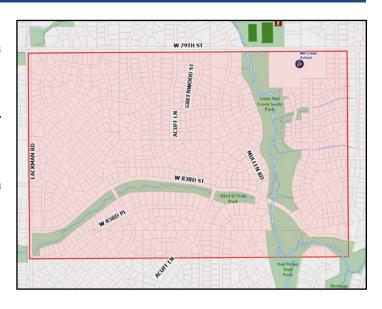
#### **Construction Timeline**

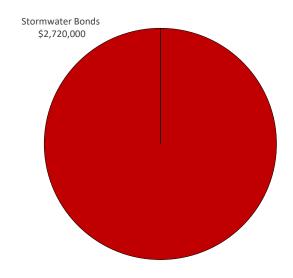
2022

# **Total Cost**

\$2,720,000









# 95<sup>TH</sup> ST FROM WIDMER TO PENNYCROSS STORMDRAINAGE REPAIR

# **Project Purpose**

Corrugated metal pipe has reached the end of its useful life.

# **Project Description**

The main drainage line that runs from the intersection of 95th and Widmer to Pennycross Road consists of large, corrugated metal pipe ranging in size from 36" to 54" in diameter as well as a section of concrete box culvert. This system has experience numerous failures in the last few years and is in need of major rehabilitation.

#### Location

Storm Drainage system from the intersection of 95th and Widmer, Southeast to Pennycross Road

# **Designer**

To be selected based on qualifications.

#### Contractor

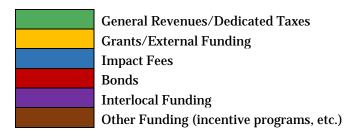
To be awarded to the lowest, qualified bidder.

# **Construction Timeline**

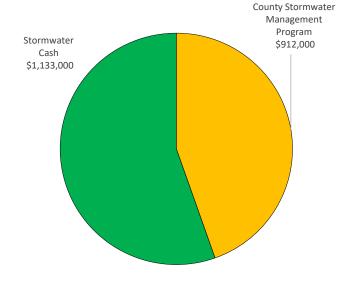
2022

#### **Total Cost**

\$2,045,000









# OAK PARK CENTURY ESTATES STORMDRAINAGE IMPROVEMENTS

# **Project Purpose**

Corrugated metal pipe has reached the end of its useful life.

# **Project Description**

Project is to replace corrugated metal pipe that is past its useful life. This system has had multiple failures over the last few years as well as some flooding problems that residents have reported.

#### Location

 $103^{\rm rd}$  St North to Rosehill and Quivira Rd west to Flatrock Creek

# **Designer**

Affinis Corp.

#### Contractor

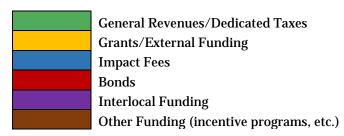
To be awarded to the lowest, qualified bidder.

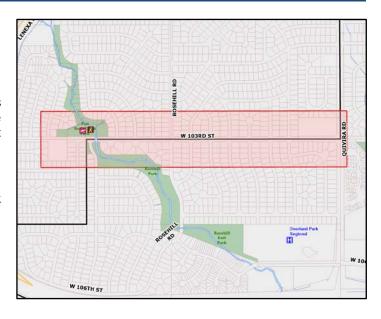
### **Construction Timeline**

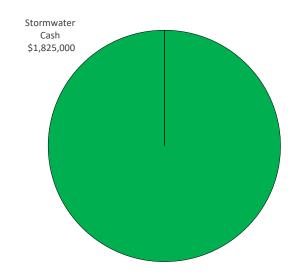
2022

#### **Total Cost**

\$1,825,000









# LENEXA LOGISTICS CENTRE NORTH PHASE II STORMWATER IMPROVEMENTS

# **Project Purpose**

The sanitary sewer, storm drainage system and detention basin are needed to serve the Lenexa Logistics Center North Phase II development.

# **Project Description**

Design and construction of 1,000 L.F. of 8-inch diameter sanitary sewer and related structures, along with a 5 ac extended stormwater detention basin including grading, storm sewer structures and plantings. The project will be funded through a special benefit district, with the property owners paying 100% of the project cost.

#### Location

Northwest section of College Blvd. and Renner Rd.

# **Designer**

McClure

#### Contractor

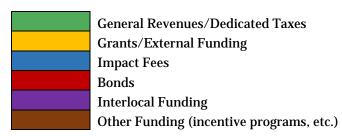
**ARCO** 

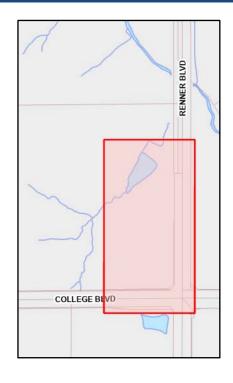
## **Construction Timeline**

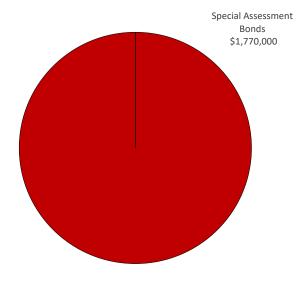
2021 - 2022

### **Total Cost**

\$1,770,000









# GATEWAY MONUMENT PROGRAM

# **Project Purpose**

The existing gateway signs are outdated. Some locations have already been completed as part of a major road improvement in that particular area, however, without a dedicated project some of these locations may never get done. Signage, wayfinding and branding are important to our community's image.

# **Project Description**

This multi-phase project will replace the existing outdated metal gateway signs with stone monuments using the same style as the park monuments. This includes 15 total locations at major entry points into the city. The following locations will receive a three-column sign: 75th and Quivira, Pflumm and College, K-10 and Woodland, K-10 and Woodland. There are 11 other locations that will receive a single column type of monument given the lower traffic volume or limited space.



#### Location

Various locations at entry points into Lenexa

# **Designer**

To be awarded to the lowest, qualified bidder.

#### Contractor

To be awarded to the lowest, qualified bidder.

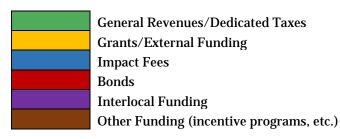
#### **Installation Timeline**

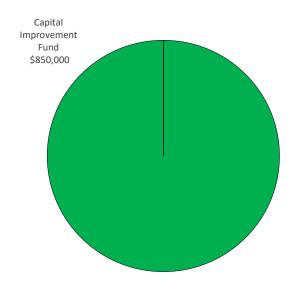
2023-2024

### **Total Cost**

\$850,000

# **Funding Sources**





#### City of Lenexa



# FIRE APPARATUS ANNUAL REPLACEMENT

# **Project Purpose**

To maintain a high quality fleet of both front-line and reserve apparatus, each fire apparatus is assigned to 8-10 years of front line service and 8-10 years of reserve service. Delaying this apparatus replacement program will negatively affect front-line and reserve apparatus quality and reliability.

# **Project Description**

Annual replacement of fire apparatus in 2022 thru 2026.

### Location

Various Fire Stations

## **Designer**

Not applicable.

#### Vendor

To be awarded to the lowest, qualified bidder.

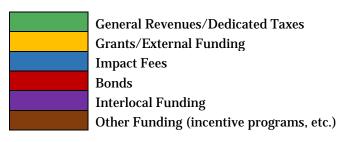
#### **Purchase Timeline**

Ongoing

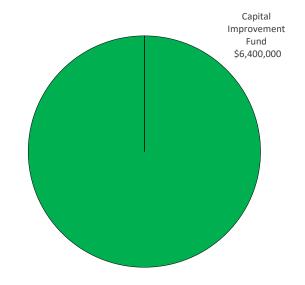
# **Total Cost**

\$6,400,000

# **Funding Sources**







17101 W. 87<sup>th</sup> Street Parkway Lenexa, Kansas 66219 www.lenexa.com

# Project Manager

Battalion Chief Bob Welch, Fire bwelch@lenexa.com 913.477.7935



# CITY CENTER EAST LOT 1 ECONOMIC DEVELOPMENT GRANT

# **Project Purpose**

Financing this project requires a public/private partnership. The City finds the mixed-use project, the public parking garage and the outdoor entertainment area attractive to the City Center area.

# **Project Description**

Economic development grant provided to the developer for the construction of a public parking garage. The grant is funded from the proceeds of previous land sales in City Center.

#### Location

Southeast corner of 87th Street Parkway & Renner Boulevard

# **Designer**

Not applicable.

#### Contractor

Not applicable.

#### **Construction Timeline**

2022 - 2023

#### **Total Cost**

\$2,300,000

