

## FY 2017 – FY 2021 Capital Improvement Program (CIP) Executive Summary

The adopted FY 2017 – FY 2021 CIP is \$235.8 million (including prior year expenditures) and is \$28 million higher than the previous CIP due to the addition of various projects, including: 99<sup>th</sup> & Clare Road, LED Streetlight conversion, City Center Parking Structure, and the Municipal Services Center Fleet Facility, along with an increase in the Ridgeview Road project.

### Sources of Funding

The debt service property tax rate for the CIP will be 7.937 mills in FY 2017. The mill levy decreases by approximately 2 mills (which are re-allocated to the General Fund) in FY 2017 to provide pay-as-you-go funding for the CIP. The debt service property tax rate is also projected to remain stable at an 7.937 mills in FY 2018 through FY 2021. The property tax revenue generated from the debt service mill levy is used to make principal and interest payments on general obligation debt issues.

The funding sources in the adopted CIP are:

<b>Funding Sources: FY 2017 - 2021 CIP</b>		
General Obligation Bonds	\$120,094,523	51%
Transfer from General Fund	\$38,444,565	16%
3/8-Cent Sales Tax	\$33,383,322	14%
Special Benefit District Bonds	\$13,083,349	6%
External Grants	\$10,925,000	5%
Special Highway Fund (Gas Tax)	\$7,726,228	3%
Other	\$12,142,011	5%
<b>Total</b>	<b>\$235,798,998</b>	<b>100%</b>

The general obligation bonds category includes \$104.5 million for street, facility (Lenexa Civic Center), and equipment projects and \$15.6 million for stormwater projects. In addition, external sources of funding (Special Highway Fund, the County Assistance Road System, or CARS program, and grants) finance 8% of the adopted CIP for FY 2017 through FY 2021.

### Project Information

The adopted CIP includes 39 funded capital projects. Seven projects comprise over \$173 million (73%) of the adopted CIP:

- Lenexa Civic Center (\$75.4 million)
- Ridgeview Road – Prairie Star Parkway to K10 Highway (\$33.2 million)
- Pavement Management Program (\$28.0 million)
- Stormwater Infrastructure Replacement (\$16.5 million)
- 95<sup>th</sup> Street and I-35 Interchange (\$12.1 million)
- 99<sup>th</sup> Street and Clare Road (\$7.8 million)

The uses of funding in the adopted CIP are:

<b>Uses of Funding: FY 2017 - 2021 CIP</b>		
Streets/Bridges/Traffic Projects	\$108,615,902	46%
Facility Projects	\$89,552,001	38%
Stormwater Projects	\$25,021,835	11%
Parks & Recreation Projects	\$7,348,541	3%
Capital Equipment/Other Projects	\$5,260,719	2%
<b>Total</b>	<b>\$235,798,998</b>	<b>100%</b>

## **FY 2017 – FY 2021 Capital Improvement Program (CIP) Executive Summary**

### Stormwater Financial Model

Staff has updated the stormwater financial model as part of the adopted operating budget for FY 2017. The updated model incorporates the stormwater projects funded in the adopted CIP.

For FY 2017, the stormwater service charge is \$109 per equivalent dwelling unit, or EDU. This is the same rate as FY 2016. The service charge is projected to remain constant at \$109 per EDU for fiscal year 2018 through 2021.

### Debt Amortization

The time period for debt amortization varies depending on the type of project. The city's current practices are summarized below:

- Special benefit districts – debt is retired over a period of 10 to 20 years, and debt is repaid by property owners within the benefit district.
- Stormwater projects – debt is retired over a period of 20 years, and debt is repaid by dedicated stormwater revenues.
- General projects – debt is retired over a period of 10 years, except for the Civic Center project debt. The Ridgeview Road debt is retired over a period of 20 years. The Civic Center debt repaid with the 3/8-cent sales tax (\$29 million principal amount) will be retired in FY 2028 to coincide with the expiration of the sales tax. The Civic Center debt repaid with property tax revenue (\$15 million) will be retired over a period of 20 years.

### Final Comments

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. As conditions change, staff anticipates presenting amendments to assure the CIP continues to implement the city's Comprehensive Plan and accomplish the Governing Body's goals.

As required by city policy, the Planning Commission reviewed the CIP at its December 5, 2016 meeting and recommended that the CIP is consistent with the city's Comprehensive Plan. At the December 20, 2016 meeting, the Governing Body adopted the 2017-2021 Capital Improvement Program for the City of Lenexa.

**City of Lenexa  
2017 - 2021 CIP  
Sources and Uses of Funding by Year**

<b><u>Sources of Funding:</u></b>	<b><u>Prior Years</u></b>	<b><u>FY 2016</u></b>	<b><u>FY 2017</u></b>	<b><u>FY 2018</u></b>	<b><u>FY 2019</u></b>	<b><u>FY 2020</u></b>	<b><u>FY 2021</u></b>	<b><u>Totals</u></b>	<b><u>% share</u></b>
General Obligation Bonds	\$67,170,001	\$0	\$27,470,022	\$3,000,000	\$0	\$0	\$6,833,500	\$104,473,523	44%
Stormwater Bonds	\$0	\$2,047,000	\$3,978,000	\$2,391,000	\$1,588,000	\$3,390,000	\$2,227,000	\$15,621,000	7%
Special Benefit District Bonds	\$0	\$0	\$13,083,349	\$0	\$0	\$0	\$0	\$13,083,349	6%
General Fund Revenues	\$14,153,556	\$3,585,838	\$8,452,935	\$4,757,500	\$2,227,990	\$2,171,246	\$3,095,500	\$38,444,565	16%
Stormwater Revenues	\$0	\$1,025,835	\$450,000	\$150,000	\$1,125,000	\$965,000	\$780,000	\$4,495,835	2%
Excise Tax	\$183,353	\$0	\$750,000	\$0	\$0	\$931,500	\$0	\$1,864,853	1%
TIP Fees	\$0	\$180,000	\$220,000	\$0	\$0	\$0	\$0	\$400,000	0%
PRIF Fees	\$59,071	\$619,305	\$80,000	\$0	\$0	\$0	\$0	\$758,376	0%
3/8 cent sales tax	\$17,517,635	\$2,511,090	\$4,898,609	\$319,000	\$2,535,504	\$2,611,568	\$2,989,916	\$33,383,322	14%
Parks Revenues	\$779,531	\$25,000	\$323,416	\$0	\$25,000	\$25,000	\$25,000	\$1,202,947	1%
<b>Subtotal:</b>	<b>\$99,863,147</b>	<b>\$9,994,068</b>	<b>\$59,706,331</b>	<b>\$10,617,500</b>	<b>\$7,501,494</b>	<b>\$10,094,314</b>	<b>\$15,950,916</b>	<b>\$213,727,770</b>	<b>91%</b>
<b><u>External sources of funding:</u></b>									
Federal & State Grants	\$2,786,973	\$160,000	\$7,001,027	\$333,000	\$44,000	\$600,000	\$0	\$10,925,000	5%
CARS Program	\$0	\$1,120,000	\$0	\$0	\$0	\$0	\$0	\$1,120,000	1%
Special Highway fund (gas tax)	\$0	\$1,144,308	\$1,282,800	\$1,324,780	\$1,324,780	\$1,324,780	\$1,324,780	\$7,726,228	3%
Other local funding	\$0	\$0	\$1,150,000	\$1,150,000	\$0	\$0	\$0	\$2,300,000	1%
<b>Total external sources of funding:</b>	<b>\$2,786,973</b>	<b>\$2,424,308</b>	<b>\$9,433,827</b>	<b>\$2,807,780</b>	<b>\$1,368,780</b>	<b>\$1,924,780</b>	<b>\$1,324,780</b>	<b>\$22,071,228</b>	<b>9%</b>
<b>Grand Total Sources of Funding:</b>	<b>\$102,650,120</b>	<b>\$12,418,376</b>	<b>\$69,140,158</b>	<b>\$13,425,280</b>	<b>\$8,870,274</b>	<b>\$12,019,094</b>	<b>\$17,275,696</b>	<b>\$235,798,998</b>	<b>100%</b>

**City of Lenexa  
2017 - 2021 CIP  
Sources and Uses of Funding by Year**

<b><u>Uses of Funding:</u></b>	<b><u>Prior Years</u></b>	<b><u>FY 2016</u></b>	<b><u>FY 2017</u></b>	<b><u>FY 2018</u></b>	<b><u>FY 2019</u></b>	<b><u>FY 2020</u></b>	<b><u>FY 2021</u></b>	<b><u>Totals</u></b>	<b><u>% share</u></b>
Streets & Bridges	\$14,554,537	\$13,870,259	\$47,906,979	\$1,515,189	\$4,998,274	\$6,589,468	\$11,801,196	\$101,235,902	43%
Traffic	\$0	\$760,000	\$2,400,000	\$2,180,000	\$680,000	\$680,000	\$680,000	\$7,380,000	3%
Stormwater	\$37,199	\$6,793,093	\$5,650,543	\$2,541,000	\$2,688,000	\$4,330,000	\$2,982,000	\$25,021,835	11%
Facilities	\$9,618,450	\$51,066,551	\$21,990,000	\$5,783,000	\$394,000	\$350,000	\$350,000	\$89,552,001	38%
Parks	\$1,839,625	\$1,296,765	\$3,593,151	\$319,000	\$0	\$0	\$300,000	\$7,348,541	3%
Capital Equipment & Miscellaneous	\$591,095	\$111,998	\$2,038,000	\$1,177,500	\$110,000	\$69,626	\$1,162,500	\$5,260,719	2%
<b>Total Uses of Funding:</b>	<b>\$26,640,906</b>	<b>\$73,898,666</b>	<b>\$83,578,673</b>	<b>\$13,515,689</b>	<b>\$8,870,274</b>	<b>\$12,019,094</b>	<b>\$17,275,696</b>	<b>\$235,798,998</b>	<b>100%</b>

**City of Lenexa  
2017 - 2021 CIP  
Funded Project Expenditures by Year**

**Year Capital Expenditures are Incurred**

Prj No.	Project Title	Prior Years	Budget 2016	2017	2018	2019	2020	2021	Total
<b>STREETS/BRIDGES</b>									
60087	Pavement Management Program	0	4,440,398	8,100,000	1,065,189	4,713,284	4,789,348	4,867,696	27,975,915
60041	Bridge Maintenance	0	110,000	100,000	100,000	100,000	100,000	100,000	610,000
60005	K-10 & Lone Elm Interchange Design and ROW Acquisition	3,278,604	50,000	4,155,396	0	0	0	0	7,484,000
60043	95th Street & I-35 Interchange	9,101,917	2,275,037	750,000	0	0	0	0	12,126,954
60081/60082	Ridgeview Road from Prairie Star Parkway to K10 Highway	2,009,806	598,945	30,612,190	0	0	0	0	33,220,941
60083	City Center Amenity Zone	17,770	59,160	368,670	350,000	0	0	0	795,600
60086	Lenexa Logistics Center North SBD - Mill Creek Road	146,440	2,238,370	1,075,190	0	0	0	0	3,460,000
60088	Mill Creek Road Improvements SBD (Fairways at City Center)	0	2,610,942	529,058	0	0	0	0	3,140,000
60089	Britton Street Extension Improvement District - Special Benefit District (SBD)	0	687,407	825,942	0	0	0	0	1,513,349
60091	Winchester Street & Civic Center Amenity Zone	0	800,000	100,000	0	0	0	0	900,000
New	I-435 & 87th Street Parkway Landscaping	0	0	900,000	0	0	0	0	900,000
New	99th Street & Clare Road	0	0	0	0	0	931,500	6,833,500	7,765,000
New	Westbound 87th Street Right Turn Lane at Northbound I-435 Entrance Ramp	0	0	390,533	0	0	0	0	390,533
New	95th Street & Santa Fe Trail Drive Intersection Improvements	0	0	0	0	184,990	768,620	0	953,610
	Subtotal	14,554,537	13,870,259	47,906,979	1,515,189	4,998,274	6,589,468	11,801,196	101,235,902
<b>TRAFFIC</b>									
60042	Street Lighting System Replacement	0	580,000	680,000	680,000	680,000	680,000	680,000	3,980,000
New	LED Streetlight Conversion	0	0	1,500,000	1,500,000	0	0	0	3,000,000
New	87th Street & Penrose Traffic Signal	0	180,000	220,000	0	0	0	0	400,000
	Subtotal	0	760,000	2,400,000	2,180,000	680,000	680,000	680,000	7,380,000
<b>PUBLIC BUILDINGS</b>									
Fund 73	Facilities Improvements & Maintenance Fund	0	1,365,001	350,000	350,000	350,000	350,000	350,000	3,115,001
80008-80013	Lenexa Civic Center	9,618,450	49,581,550	16,200,000	0	0	0	0	75,400,000
New	Community Center & Senior Center Improvements	0	120,000	140,000	133,000	44,000	0	0	437,000
New	City Center Parking Structure (SMSD Aquatics Center)	0	0	2,300,000	2,300,000	0	0	0	4,600,000
New	Municipal Service Center Fleet Facility	0	0	3,000,000	3,000,000	0	0	0	6,000,000
	Subtotal	9,618,450	51,066,551	21,990,000	5,783,000	394,000	350,000	350,000	89,552,001
<b>PARKS</b>									
70012	Playground Equipment Replacement	944,751	187,584	47,000	319,000	0	0	300,000	1,798,335
70014	Park Shelter & Restroom Improvements	585,504	298,403	256,416	0	0	0	0	1,140,323
70017	Park Entry Signage and Wayfinding	225,188	89,812	296,000	0	0	0	0	611,000
70021	Sar-Ko-Par Trails Park Improvements	48,742	518,626	1,018,832	0	0	0	0	1,586,200
70022	Renner Boulevard (91st to 93rd Street) Mixed Use Trail	6,573	52,627	304,640	0	0	0	0	363,840
70023	Lackman Road (Sar-Ko-Par to 95th & I-435) Mixed Use Trail	28,867	139,883	1,105,000	0	0	0	0	1,273,750
70024	City Center Trail and Pond Improvements	0	9,830	565,263	0	0	0	0	575,093
	Subtotal	1,839,625	1,296,765	3,593,151	319,000	0	0	300,000	7,348,541

**City of Lenexa  
2017 - 2021 CIP  
Funded Project Expenditures by Year**

**Year Capital Expenditures are Incurred**

Prj No.	Project Title	Prior Years	Budget 2016	2017	2018	2019	2020	2021	Total
<b>STORMWATER</b>									
90044	Traditional Stormwater Infrastructure Replacement	0	3,047,835	2,394,000	2,541,000	2,688,000	2,835,000	2,982,000	16,487,835
90046	Brookwood Place Stormdrainage Improvements	0	200,000	1,869,000	0	0	0	0	2,069,000
90047	Lenexa Logistics Center North SBD - Stormwater	37,199	3,545,258	1,387,543	0	0	0	0	4,970,000
New	Pflumm & College Stormwater Rehabilitation	0	0	0	0	0	1,495,000	0	1,495,000
	Subtotal	37,199	6,793,093	5,650,543	2,541,000	2,688,000	4,330,000	2,982,000	25,021,835
<b>MAJOR CAPITAL EQUIPMENT &amp; MISCELLANEOUS</b>									
85021	Video Camera Network Upgrade/Expansion	591,095	111,998	310,000	110,000	110,000	69,626	0	1,302,719
85036	SCBA Fleet Replacement	0	0	1,024,000	0	0	0	0	1,024,000
New	Command Post Replacement Vehicle	0	0	0	325,000	0	0	0	325,000
10 (2017)	Fire Engine/Pumper	0	0	704,000	0	0	0	0	704,000
10 (2018)	Fire Engine/Pumper	0	0	0	742,500	0	0	0	742,500
10 (2021)	75' Elevated Stream/Aerial Ladder Apparatus	0	0	0	0	0	0	1,162,500	1,162,500
	Subtotal	591,095	111,998	2,038,000	1,177,500	110,000	69,626	1,162,500	5,260,719
	Total Cost Funded Projects	26,640,906	73,898,666	83,578,673	13,515,689	8,870,274	12,019,094	17,275,696	235,798,998

**FY 2017 - FY 2021 CIP: Unfunded Projects**

Estimated costs shown include design, right-of-way acquisition, utility relocation, construction and inspection services.

Design – Project design entails surveying, preparation of right-of-way and easement documents, plan preparation, and bidding documents.

Right-of-way Acquisition – Purchase of right-of-way and easements necessary for access and construction of projects

Utility Relocation – Major construction projects often conflict with existing utilities such as waterlines, gas, electric, telecommunications, and fiber. Utilities within existing right-of-way are required to relocate at no cost to the city under approved franchise agreements. However, the city is responsible for relocation of utilities within private easements.

Construction – Work includes grading, curb, pavement, bridges, storm drainage facilities, signals, sidewalks and other necessary appurtenances.

Inspection Services – The city maintains full-time construction observation to inspect, document, and provide material testing during construction.

<b>Unfunded Projects</b>		<b>Updated Cost</b>
<b>Project Title</b>		<b>Estimates (2016)</b>
<b>STREETS/BRIDGES</b>		
<b>Priority - High</b>		
	K-10 & Lone Elm Road Interchange Construction Phase 1 (north ramps)	\$15,000,000
	K-10 & Lone Elm Road Interchange Construction Phase 2 (includes overpass and south ramps)	\$34,800,000
	Maurer Road from 87th Street Parkway south 1,320' (special benefit district)	\$4,162,320
	Pavement Reconstruction	\$12,675,440
	Quivira Road, 91st Street to 95th Street	\$7,122,000
<b>Priority - Medium</b>		
	83rd Street (K-7 to Mize Boulevard)	\$13,048,000
	Ridgeview Road from Prairie Star Parkway to 87th Street	\$19,740,000
	Renner Boulevard from 84th Street to 79th Street	\$3,645,690
		<u>\$110,193,450</u>
<b>TRAFFIC</b>		
<b>Priority - High</b>		
	95th Street & Monrovia Intersection Improvements	\$2,197,000
	Street Lighting System Expansion	\$2,285,000
		<u>\$4,482,000</u>
<b>PUBLIC BUILDINGS</b>		
<b>Priority - High</b>		
	City Hall Public Safety Facility/Fire Station #6	TBD
<b>Priority - Medium</b>		
	Energy Conservation Initiatives	\$2,440,100
	Fire Station #2 rebuild	TBD
	Lenexa Community Center improvements	TBD
	Subtotal	<u>\$2,440,100</u>
<b>PARKS</b>		
<b>Priority - High</b>		
	Ad Astra / Indian Trails Swimming Pool Study and Renovations	\$3,000,000
	Cedar Station Park (Mize Lake)	\$700,000
	Construction of Future Walking/Jogging Trails	\$1,800,000
	Entry Signage and Way finding	\$322,000
<b>Priority - Medium</b>		
	Black Hoof Park Phase III	\$821,500
	Bois D'Arc Tennis Court Renovations	\$371,680
	Centennial Park Development	\$2,328,168
	Little Mill Creek trail crossing 79th Street	\$687,670
	Little Mill Creek trail crossing 87th Street Parkway	\$1,158,110
	Multi Use Trail - Blackhoof Park to Freedom Fields	\$1,066,610
	Sar Ko Park Trails Park - Skate Park & Parking Lot Renovation	\$975,000
	Subtotal	<u>\$13,230,738</u>

**FY 2017 - FY 2021 CIP: Unfunded Projects**

<b>Unfunded Projects</b>		<b>Updated Cost</b>
<b>Project Title</b>		<b>Estimates (2016)</b>
<b>STORMWATER</b>		
<b>Priority - Medium</b>		
	Upper Coon Creek Development	\$1,532,137
	Subtotal	<u>\$1,532,137</u>
<b>MAJOR CAPITAL EQUIPMENT/OTHER</b>		
<b>Priority - Medium</b>		
	95' - 105' Aerial Platform Class "A" Fire Apparatus	\$1,200,000
	City Gateway Signage Replacement	\$859,890
	City wide radio project	\$5,130,000
	Fiber Optic Upgrade	\$2,035,744
	Lackman Road Retaining Wall Repair (87th Street Parkway to northern City Limit)	\$535,000
	Opticom System Upgrade	<u>\$300,000</u>
	Subtotal	\$10,060,634
<b>TOTAL COST</b>		<u><u>\$141,939,059</u></u>