

Section 8:

CIP SCHEDULE

The Spavinaw Water Project
Facts and Figures

Total Cost	\$7,500,000
Drainage Area	480 Sq. Miles
Area of Spavinaw Lake	1800 Acres
Length of Dam	1900 Feet
Height of Dam	3500 Feet
Length of Spillway	300 Feet
Length of Tunnel	55 Miles
Size of Concrete Pipes	60 and 54 Inches
Size of Tunnel	7 Feet
Length of Tunnel	2 Miles

CLEAR AND COLD, PURE AS COLD



The Spavinaw Lake

On October 29, 1924 Spavinaw water flowed into the city at a rate of 28 million gallons per day. The schools put on a great jubilee pageant.

Many poems were written, and in song and pantomime glories of the Spavinaw water were told—which places Tulsa and its future development in a position which cannot be rivaled by any city in the Mississippi valley.

Since the completion of the Spavinaw project at a cost of

\$7,500,000 engineering staff accomplished water 60 r lahoma to constructio dam 3,500 spillway b reservoir l

This section of the document summarizes the departments' capital needs and provides funding and scheduling recommendations.

The Capital Improvements Plan (CIP) ordinance adopted by the City Council includes the five-year schedule.

Photos Courtesy of Tulsa Historical Society & Museum

"AS BUILT"

CITY OF TULSA, OKLAHOMA	
SECOND SPAVINAW PROJECT	
UPPER SPAVINAW DAM	
GENERAL MAP	
W. R. Hines & Associates Consulting Engineers Tulsa, Oklahoma	Scale: 1/2" = 1 mile Date: 1928 Contract No. 10





FISCAL YEARS 2025-2029 CAPITAL PLAN

In November 2013, the citizens of Tulsa approved \$355.0 million of General Obligation (GO) bonds for streets and bridges called Improve Our Tulsa (IoT). In November 2019, the program was extended and added \$427.0 million in additional GO bonds for streets and bridges called Improve Our Tulsa 2 (IoT II). In August 2023, the program was extended a second time adding an additional \$384.9 million in GO bonds for streets, bridges, parks, cultural, and recreational facilities called Improve Our Tulsa 3 (IoT III). To date, \$321.6 million of the \$355.0 million has been issued from the IoT 1 program, \$164.1 million of the \$427.0 million has been issued from the IoT II program, and \$87.6 million of the \$384.9 million has been issued from the IoT III program. The remaining \$889.95 million will be issued in future years with the next series planned for issuance in FY2025. The Mayor and City Council share a commitment to improving the condition of our roadways and providing funds for critical services such as public safety, federal mandates, building code, and short-term capital needs. Goals identified in PlaniTulsa, the City's comprehensive plan, were used to prioritize the allocation of the authorized \$2.4 billion in the IoT 1, 2, and 3 programs. In April of 2016, City of Tulsa voters approved a temporary sales tax levy of slightly over 3/10ths of a cent for the purpose of funding large scale economic development projects. The tax went into effect in January 2017 and will be in place for 15 years. The tax will fund over \$510.6 million in major capital and economic development projects across the city. The commitment of these resources likely means that any newly identified or unfunded capital improvement projects will not be funded until the conclusion of these programs.

Historically, the City of Tulsa has had an aggressive capital improvements program. The Third Penny Sales Tax program, alone, has financed almost \$2.4 billion in needed projects over the last thirty years. That amount has been augmented by \$2.0 billion of additional general obligation and revenue bond dollars and millions more from federal grants and loans. In November 2008, the City of Tulsa electorate approved a street improvement package totaling \$451.6 million. The program was comprised of \$285 million in general obligation bond proceeds and \$166.6 million in sales tax revenue which was derived from an extension of the existing third penny sales tax in addition to a 0.167% increase. The program funded 128 arterial and residential street projects across the City. The 2006 Sales Tax program, approved in May 2006, which provided \$465 million for capital projects throughout the City, is in the final stage of implementation. All the appropriations to fund these improvements are complete. Information about these programs is contained in the FY25 Capital Budget - Funded Programs Status and Operating Impact (Section 6) of this document and includes a list of the proposed funding for FY25.

In alignment with industry best practice, the City of Tulsa is proactive in reviewing its capital needs both annually and in the strategic view of long-range goals and needs as identified in various master plans. These planning efforts have been undertaken both internally and with sister organizations involved in major capital programs in the region. The City's Finance Department reviews and maintains an inventory of master plans and recommendations that extend as far out as 50 years with over 625 projects totaling over \$7.6 billion. The re-authorization of the IoT program referenced above relies on these master plans as a basis for identifying the potential list of proposed projects. Section 7, Master Plan Priorities, provides a summary of each of the major master plans and highlights the goals for the physical improvements they govern. Funding recommendations covering these areas follow in Section 8, the 2025-2029 Capital Plan.

CAPITAL PLAN

FIVE-YEAR LEVEL OF RECOMMENDED FUNDING BY DEPARTMENT

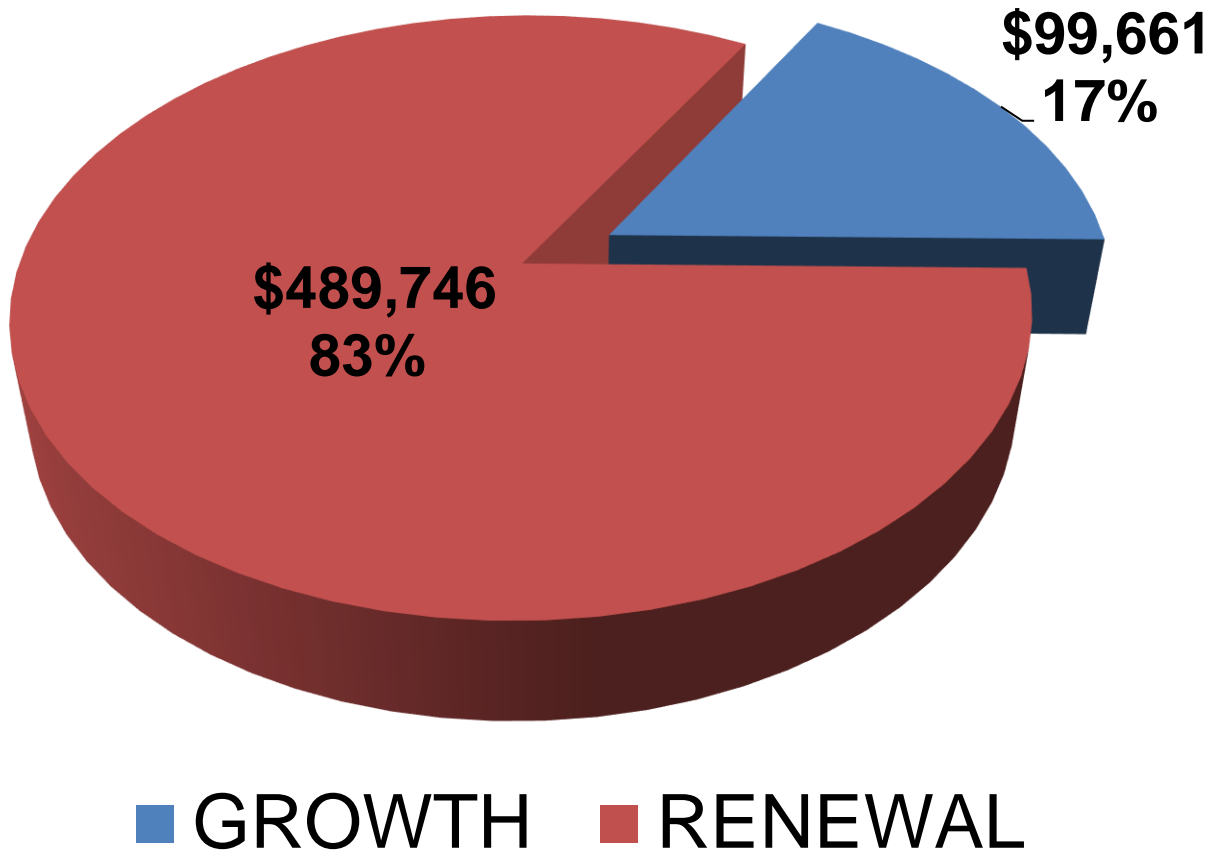
Fiscal Years 2025 – 2029

(amount expressed in thousands)

Project Type	Constrained Requests	FY25-29 Recommended Funding	Inventory Percent Funding	Total Percent Funding
Police Department Projects	\$ 30,500	-	0%	0%
Fire Department Projects	93,400	-	0%	0%
Total Public Safety and Protection	\$ 123,900	\$ -	0%	0%
Park and Recreation Projects	30,070	-	0%	0%
Tulsa Zoo Projects	20,700	-	0%	0%
Gilcrease Museum Projects	-	-	0%	0%
Cox Business Center and BOK Center	20,425	-	0%	0%
Performing Arts Center	84,700	-	0%	0%
River Parks Projects	45,440	-	0%	0%
Total Cultural Development and Recreation	\$ 201,335	\$ -	0%	0%
Street and Expressway Projects	521,488	-	0%	0%
Water System Projects	1,633,174	217,094	13%	37%
Sanitary Sewer System Projects	323,587	290,748	90%	49%
Flood Control Projects	95,217	81,565	86%	14%
Facilities Maintenance Projects	50,910	-	0%	0%
Total Public Works and Development	\$ 2,624,376	\$ 589,407	22%	100%
Economic Development Projects	14,675	-	0%	0%
Department of City Experience (DCE) Projects	95,000	-	0%	0%
Total Social and Economic Development	\$ 109,675	\$ -	0%	0%
Tulsa Transit Projects	-	-	0%	0%
Total Transportation	\$ -	\$ -	0%	0%
Information Technology Department	-	-	0%	0%
Equipment Management Projects	-	-	0%	0%
Short-Term & Contracted Capital Projects	127,939	-	0%	0%
Total Administrative and Support Services	\$ 127,939	\$ -	0%	0%
Total of All Capital Project Types	\$ 3,187,225	\$ 589,407	35%	100%

FY 2025 - 2029
RECOMMENDED CIP FUNDING
RENEWAL VS. GROWTH
(\$000)

Total \$589,407



CAPITAL PLAN

A SUMMARY OF THE CAPITAL BUDGET AND FIVE-YEAR CAPITAL PLAN

The following is a summary of all proposed, but unfunded capital expenditures for the next five years. It does not include project allocations in previously approved capital programs. *The amount shown does not include each department's funding from the approved 2017 Limited Purpose Sales Tax Program, 2023, 2020 and 2014 Sales Tax Extension (Improve Our Tulsa I, II, III), 2023, 2020 and 2014 General Obligation Bond Program (Improve Our Tulsa I, II and III), the 2008 Street Improvement Program, or the 2006 Sales Tax Extension. Information on the projects and appropriations for these programs is contained in Section 6.*

<u>PROGRAM/DEPARTMENT</u>	<u>Proposed 5-Year Funding</u>
<u>PUBLIC SAFETY AND PROTECTION</u>	
Police and E-911's Department The Police Department's highest priority is the renovation of the Police Courts and 911 Facilities, as well as the replacement of its fleet.	\$30.5 million
Fire The Fire Department's highest priority is the replacement of its apparatus, followed by the purchase of various training props to be used at the Training Academy.	\$93.4 million
Total Public Safety and Protection	\$123.9 million
<u>CULTURAL DEVELOPMENT AND RECREATION</u>	
Parks and Recreation Department The maintenance of the Park systems aging facilities is the Department's highest priority. Park system projects have been prioritized in the Park's Master Plan and funding has been allocated toward its implementation in previous capital programs.	\$30.1 million
River Parks Department The continued improvements of both west and east banks of the Arkansas river has been identified as the highest priority projects.	\$45.4 million
BOK Center and Cox Business Convention Center The continued maintenance and improvements of the BOK Center and Cox Business Convention Center have been identified as the highest priority projects.	\$20.5 million
Performing Arts Center The Tulsa PAC capital improvements plan intends for the continued upgrades of the facilities aging infrastructure and improvements to ADA compliance	\$84.7 million
Tulsa Zoo TMZI has identified capital projects with the highest priorities including renovating the Children's Zoo, rehabilitating the Rainforest exhibit, and securing the Zoo's outer perimeter	\$20.7 million
Total Cultural Development and Recreation	\$201.4 million
<u>PUBLIC WORKS AND INFRASTRUCTURE</u>	
Water The City continues implementing the IMG Water System Study, which identified the most critical needs in this area, such as protecting the Spavinaw watershed from pollution and the maintenance of the existing distribution system.	\$1,633.1 million

CAPITAL PLAN

<u>PROGRAM/DEPARTMENT</u>	<u>Proposed 5-Year Funding</u>
<p>Sanitary Sewer The City completed all required projects to meet the consent orders issued in the late 1990's by State and Federal regulatory authorities. Additional isolated consent orders have been issued since then to eliminate recent specific incidents of residential sewage overflows. However, all consent orders have been completed presently. Future Utility Revenue Bonds and Enterprise Fund resources will be dedicated to the completion of any future consent orders, as well as the upkeep of existing assets.</p>	\$323.6 million
<p>Streets and Expressways One of the top priorities of the City continues to be arterial and residential street resurfacing. Funding to match ODOT eight-year plan improvements and improvements identified in the Bicycle and Pedestrian Master Plan currently underway are a high priority.</p>	\$521.5 million
<p>Flood Control The continued implementation of the Citywide Flood Control Plan is the highest priority. Floodplain acquisition, planning services for the Hazard Mitigation Program, and urgent small drainage improvements are identified as the highest priorities by the plan.</p>	\$95.2 million
<p>Facilities Maintenance Projects The continued maintenance of all City-owned facilities has been identified as the highest priority by the plan.</p>	\$50.9 million
Total Public Works and Infrastructure	\$2,624.3 million
<u>SOCIAL AND ECONOMIC DEVELOPMENT</u>	
<p>Tulsa Authority for Economic Opportunity (TAE0) TAE0 will continue to pursue various economic development efforts as identified in the City's various plans well as efforts such as the beautification of Route 66 and infrastructure to support the Peoria/Mohawk Business Park.</p>	\$14.7 million
<p>Department of City Experience (DCE) As the City works to address homelessness at the intersection of housing and mental health, the City of Tulsa has released its Path to Home Strategy. As part of the strategy, various housing actions are included to increase housing units at varying price points.</p>	\$95.0 million
Total Social and Economic Development	\$109.7 million
<u>TRANSPORTATION</u>	
<p>Metropolitan Tulsa Transit Authority (MTTA) MTTA's highest priorities are the continued replacement of its fleet, the construction of additional passenger shelters, and to improve and expand its service</p>	\$0 million
Total Transportation	\$0 million
<u>ADMINISTRATIVE AND SUPPORT SERVICES</u>	
<p>Short Term Capital Projects Projects in this category include the replacement of various existing capital equipment, such as department fleet, facility equipment, and minor facility purchases and repairs.</p>	\$127.9 million
Total Administrative and Support Services	\$127.9 million
<u>TOTAL PROPOSED FIVE-YEAR FUNDING PROGRAM</u>	\$3,187.2 million

CAPITAL PLAN

CITY OF TULSA

FISCAL YEARS 2025-2029 CAPITAL IMPROVEMENTS FUNDING SCHEDULE

SUMMARY OF HIGH PRIORITY FUNDING REQUESTS BY DEPARTMENT

Prepared by the Department of Finance in Collaboration with the Operating Departments

All Dollars in Thousands

Project Type	Est. Cost	FY25	FY26	FY27	FY28	FY29	Total
Police Department Projects	\$ 30,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fire Department Projects	93,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Public Safety and Protection	\$ 123,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Park and Recreation Department Projects	\$ 30,070	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tulsa Zoo Projects	20,700	-	-	-	-	-	-
Gilcrease Museum Projects	-	-	-	-	-	-	-
CBC/BOK Projects	20,425	-	-	-	-	-	-
Performing Arts Center Projects	84,700	-	-	-	-	-	-
River Parks Projects	45,440	-	-	-	-	-	-
Total Cultural Devel. and Recreation	\$ 201,335	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Street and Expressway Projects	521,488	-	-	-	-	-	-
Water System Projects	1,633,174	40,620	59,916	51,030	37,846	27,682	217,094
Sanitary Sewer System Projects	323,587	62,115	58,950	53,637	49,181	66,865	290,748
Flood Control Projects	95,217	16,670	16,885	15,900	16,020	16,090	81,565
Facilities Maintenance Projects	50,910	-	-	-	-	-	-
Total Public Works	\$ 2,624,376	\$ 119,405	\$ 135,751	\$ 120,567	\$ 103,047	\$ 110,637	\$ 589,407
Economic Development Projects	14,675	-	-	-	-	-	-
Department of City Experience (DCE) Projects	95,000	-	-	-	-	-	-
Total Social and Economic Development	\$ 109,675	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Metropolitan Tulsa Transit Authority Projects	\$ -	-	-	-	-	-	-
Total Transportation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Information Technology Projects	\$ -	-	-	-	-	-	-
Equipment Management Projects	\$ -	-	-	-	-	-	-
Short Term & Contracted Capital Projects	127,939	-	-	-	-	-	-
Bond Issuance Cost							
Total Administrative and Support	\$ 127,939	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total of All Capital Project Types	\$ 3,187,225	\$ 119,405	\$ 135,751	\$ 120,567	\$ 103,047	\$ 110,637	\$ 589,407

Amounts shown do not reflect the value of the Capital Inventory. Dollars reflect the estimated cost of those projects needed in the next five years.

CAPITAL PLAN

CITY OF TULSA

FISCAL YEARS 2025-2029 CAPITAL IMPROVEMENTS FUNDING SCHEDULE

SUMMARY OF HIGH PRIORITY FUNDING REQUESTS BY DEPARTMENT

Prepared by the Department of Finance in Collaboration with the Operating Departments

All Dollars in Thousands

<u>Funding Source</u>	<u>Est. Cost</u>	<u>FY25</u>	<u>FY26</u>	<u>FY27</u>	<u>FY28</u>	<u>FY29</u>	<u>Total</u>
Future Bond Program	\$ 570,415	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Future Sales Tax Program	564,832	-	-	-	-	-	-
Water Enterprise	679,593	24,720	21,154	24,655	27,756	27,682	125,967
Water Revenue Bond	953,581	15,900	38,762	26,375	10,090	-	91,127
Sewer Enterprise	217,857	48,012	29,998	34,393	36,533	38,004	186,940
State Sewer Loan (SRF)	-	-	-	-	-	-	-
State Sewer Loan (FAP)	-	-	-	-	-	-	-
Sewer Revenue Bond	105,730	14,103	28,952	19,244	12,648	28,861	103,808
Storm Sewer Enterprise	72,917	13,370	10,635	11,650	9,770	13,840	59,265
Storm Sewer Revenue Bond	22,300	3,300	6,250	4,250	6,250	2,250	22,300
Total Funding by Source	\$3,187,225	\$ 119,405	\$ 135,751	\$ 120,567	\$ 103,047	\$ 110,637	\$ 589,407

* Other Funding Sources: Existing Sales Tax Programs; Golf Course Fees; Tax Increment Financing; Equipment Management Fund; Special Purpose Revenue Bonds; and Private Matching Funding.

Amounts shown do not reflect the value of the Capital Inventory. Dollars reflect the estimated cost of those projects needed in the next five years.

CAPITAL PLAN

CONSTRAINED VERSUS UNCONSTRAINED INVENTORY BY DEPARTMENT

Fiscal years 2025 – 2029
(amount expressed in thousands)

Project Type	Constrained Inventory	Unconstrained Inventory	Total
Police Department Projects	\$ 30,500	\$ 75,160	\$ 105,660
Fire Department Projects	93,400	181,500	274,900
Total Public Safety and Protection	\$ 123,900	\$ 256,660	\$ 380,560
Park and Recreation Projects	30,070	170,640	200,710
Tulsa Zoo Projects	20,700	102,200	122,900
Gilcrease Museum Projects	-	50,122	50,122
Cox Business Center and BOK Center	20,425	10,325	30,750
Performing Arts Center	84,700	174,531	259,231
River Parks Projects	45,440	28,987	74,427
Total Cultural Development and Recreation	\$ 201,335	\$ 536,804	\$ 738,139
Street and Expressway Projects	521,488	3,334,766	3,856,254
Water System Projects	1,633,174	1,518,754	3,151,928
Sanitary Sewer System Projects	323,587	453,488	777,075
Flood Control Projects	95,217	352,338	447,555
Facilities Maintenance Projects	50,910	170,038	220,948
Total Public Works and Development	\$ 2,624,376	\$ 5,829,384	\$ 8,453,760
Economic Development Projects	14,675	524,549	539,224
Department of City Experience (DCE) Projects	95,000	-	95,000
Total Social and Economic Development	\$ 109,675	\$ 524,549	\$ 634,224
Tulsa Transit Projects	-	113,480	113,480
Total Transportation	\$ -	\$ 113,480	\$ 113,480
Information Technology Department Projects	-	13,792	13,792
Short Term & Contracted Capital Projects	127,939	-	127,939
Total Administrative and Support Services	\$ 127,939	\$ 13,792	\$ 141,731
Total of All Capital Project Types	\$ 3,187,225	\$ 7,274,669	\$10,461,894

CAPITAL PLAN

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CITY OF TULSA
FISCAL YEARS 2025-2029 CAPITAL IMPROVEMENTS FUNDING SCHEDULE
 Prepared by the Department of Finance in Collaboration with the Operating Departments
 All Dollars In Thousands
 Priority Indicated Represents Department's Rating

Ref.	Project	Est. Cost	FY25	FY26	FY27	FY28	FY29	Total
PUBLIC SAFETY & PROTECTION								
Police Department								
1	Future Capital Projects	30,500						\$ -
	Total Police Department Projects	\$ 30,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fire Department								
2	Future Capital Projects	62,900						-
3	Future Capital Projects	30,500						-
	Total Fire Department Projects	93,400	-	-	-	-	-	-
	TOTAL PUBLIC SAFETY AND PROTECTION PROJECTS	\$ 123,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CULTURAL DEVELOPMENT & RECREATION								
Park And Recreation Department								
4	Future Capital Projects	25,070						-
5	Future Capital Projects	5,000						-
	Total Parks And Recreation Department Projects	\$ 30,070	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tulsa Zoo								
6	Future Capital Projects	6,000						-
7	Future Capital Projects	14,700						-
	Total Zoo Projects	\$ 20,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Gilcrease Museum								
0	Future Unfunded Projects	-						-
	Total Gilcrease Projects	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Convention Center and BOK								
8	Future Capital Projects	18,800						-
9	Future Capital Projects	1,625						-
	Total Convention Center and BOK	\$ 20,425	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Performing Arts Center								
10	Future Capital Projects	84,700						-
	Total Performing Arts Center Projects	\$ 84,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
River Parks								
11	Future Capital Projects	45,440						-
	Total River Parks Projects	\$ 45,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL CULTURAL DEVELOPMENT & RECREATION PROJECTS	\$ 201,335	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PUBLIC WORKS AND INFRASTRUCTURE								
Major Rehabilitation								
12	Arterial Street Rehabilitation Including Routine and Preventative	236,518	-	-	-	-	-	-
13	Arterial Street Rehabilitation Including Routine and Preventative	99,075	-	-	-	-	-	-
14	Residential Street Rehabilitation Including Routine and Preventative	124,035	-	-	-	-	-	-
15	Residential Street Rehabilitation Including Routine and Preventative	400	-	-	-	-	-	-
16	Bridge Rehabilitation Including Routine and Preventative	4,800	-	-	-	-	-	-
17	Bridge Rehabilitation Including Routine and Preventative	14,480	-	-	-	-	-	-
	Total Major Rehabilitation	\$ 479,308	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Traffic Engineering / Citywide Projects								
18	Traffic Engineering / Citywide Improvements	22,070	-	-	-	-	-	-
19	Traffic Engineering / Citywide Improvements	20,110	-	-	-	-	-	-
	Total Traffic Engineering	\$ 42,180	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Total Streets And Expressway Projects	\$ 521,488	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water System								
Supply								
20	Source Water Protection & Management Program	81,420	-	530	-	530	-	1,060
21	Spavinaw Creek Bridge Replacement	3,077	-	258	-	-	-	258

CITY OF TULSA
FISCAL YEARS 2025-2029 CAPITAL IMPROVEMENTS FUNDING SCHEDULE
 Prepared by the Department of Finance in Collaboration with the Operating Departments
 All Dollars In Thousands
 Priority Indicated Represents Department's Rating

Funding Source	Priority		Comments	Ref.
	FY25	FY26		
PUBLIC SAFETY &				
Future Bond Program	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	1
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	2
Future Bond Program	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	3
TOTAL PUBLIC SAFETY AND F				
CULTURAL DEVELOPME				
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	4
Future Bond Program	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	5
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	6
Future Bond Program	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	6
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	0
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	8
Future Bond Program	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	9
Future Bond Program	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	10
Future Sales Tax	Low	Low	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	11
TOTAL CULTURAL DEVELOPMENT				
PUBLIC WORKS AND IN				
Future Bond Program	High	High	Perform necessary rehabilitation on arterial streets as indicated through the Pavement Management System.	12
Future Sales Tax	High	High	Perform necessary rehabilitation on arterial streets as indicated through the Pavement Management System.	13
Future Bond Program	High	High	Perform necessary rehabilitation on non-arterial streets as indicated through the Pavement Management System.	14
Future Sales Tax	High	High	Repair of arterial streets that require multiple repairs of the same area to prolong usable life of street and prevent total replacement	15
Future Sales Tax	High	High	Repair of bridges that require multiple repairs of the same area to prolong usable life of street and prevent total replacement	16
Future Bond Program	High	High	Repair of bridges that require multiple repairs of the same area to prolong usable life of street and prevent total replacement	17
Future Sales Tax	High	High	Installation of new signage, durable pavement markings and delineation of medians to improve safety and congestion on arterial streets.	18
Future Bond Program	High	High	Installation of new signage, durable pavement markings and delineation of medians to improve safety and congestion on arterial streets.	19
Water Enterprise	High	High	Ongoing program to protect and preserve the quality and integrity of the City's water supply, implement TMUA Policy for Land Acquisition, monitor water quality in the Spavinaw/Eucha and Oologah watersheds, identify and mitigate encroachments to the Spavinaw and Oologah flowlines, protect city assets and landowner rights, maintain water system security and provide surveying (as required) along the flowlines.	20
Water Enterprise	High	High	Construct a new bridge across Spavinaw Creek to replace old bridge Facility No. 043, as noted on Oklahoma Department of Transportation Bridge Inspection Report, immediately upstream of Lake Spavinaw for access to local residents and staff use. Bridge will require new roadway approach and acquisition of right of way for installation. Bridge will be designed to meet latest federal/state bridge design criteria. This bridge is considered important in maintaining access for neighboring communities and for city of Tulsa staff use. The responsibility for the upkeep of this bridge happened as a result of ruling from the Mayes County District Court of Mayes County, OK, to address the issues brought forth by Tulsa Ozark Club (TOC) in Civil (Case) No. 3020, July 10, 1924.	21

Ref.	Project	Est. Cost	FY25	FY26	FY27	FY28	FY29	Total
22	Spavinaw Creek Bridge Replacement	3,077			2,781			2,781
23	Spavinaw WTP Backwash Lagoon Stem Wall	500	-	400	-	-	-	400
24	Eucha, Spavinaw Water Quality Court Master	64,400	515	530	546	563	580	2,734
25	Eucha Dam Concrete Repairs	8,743	-	-	-	601	8,142	8,743
26	Raw Water Flowlines Repairs Spavinaw	89,150	250	-	250	-	250	750
27	Bird Creek PS Flow Meter and Oologah Valve Replacement	3,719	-	-	-	-	119	119
28	Woods Pump Station Refurbishment	6,480	1,900	-	-	-	-	1,900
29	Grand River Pump Station Refurbishment	5,550	500	-	-	-	-	500
30	Grand River Pump Station Refurbishment	8,000	-	8,000	-	-	-	8,000
31	Lake Yahola Terminal Storage Repair	2,825	-	2,575	-	-	-	2,575
32	Raw Water Flowlines Repairs Oologah	750	250	-	250	-	250	750
33	Oologah Pump Station Chemical Building	983	-	-	164	819	-	983
34	Raw Water SCADA System	1,351	-	-	1,093	-	-	1,093
	Total Supply	\$ 280,025	\$ 3,415	\$ 12,293	\$ 5,084	\$ 2,513	\$ 9,341	\$ 32,646
	Treatment & Pumping							
35	Mohawk WTP Concrete Repairs	237	-	-	237	-	-	237
36	Mohawk WTP Concrete Repairs	2,376	-	-	-	2,376	-	2,376
37	Reservoir Hill Pumps Station Rehabilitation	2,435	-	-	-	-	2,185	2,185
38	Mohawk Disinfection Alternatives	6,720	420	-	-	-	-	420
39	Mohawk Disinfection Alternatives	3,826	-	-	-	3,826	-	3,826
40	Mohawk WTP Chemical Tank Replacement	1,397	-	1,273	-	-	-	1,273
41	(79) A.B. Jewell -Chemical Feed Facilities Improvements	2,765	-	765	-	-	-	765
42	(79) A.B. Jewell -Chemical Feed Facilities Improvements	3,388	-	-	-	3,388	-	3,388
43	A.B. Jewell Disinfection Alternatives	4,122	-	-	3,714	-	-	3,714
44	A.B. Jewell WTP Improvements - Residual Improvements Phase 2	4,750	-	4,100	-	-	-	4,100
45	A.B. Jewell WTP Filter Gallery Pipe and Concrete Replacement	1,126	-	1,126	-	-	-	1,126
	Total Treatment And Pumping	\$ 33,142	\$ 420	\$ 7,264	\$ 3,951	\$ 9,590	\$ 2,185	\$ 23,410
	Transmission & Distribution							
46	(69) Large Water Valve Replacement-City Wide	532	106	106	106	107	107	532
47	(141) Transmission Line Condition Assessment-Citywide	412	-	206	-	206	-	412
48	Economic Development Citywide	5,500	500	500	500	500	500	2,500
49	(26) Water Line Relocations-Citywide	54,900	900	950	950	950	1,000	4,750
50	(55) Water Mains Replacements - City Wide-Rev. Bonds	865,961	-	4,461	-	500	-	4,961
51	(55) Water Mains Replacements - City Wide-Enterprise Fund	88,800	12,688	8,607	13,100	12,993	12,667	60,055
52	(57) Dead-End Connections & Extensions	2,650	350	350	350	350	350	1,750
53	(83) Utility Bridges - Repaint/Rehabilitation	438	-	109	-	109	-	218
54	(62) Water Tanks - Repaint/Rehabilitation	65,608	-	2,608	-	-	-	2,608
55	Turkey Mountain Tank Rehabilitation	25,916	-	-	-	-	116	116
56	West Tulsa Tank Rehabilitation	120,903	-	-	-	-	603	603
57	Reservoir Hill Tank Rehabilitation	330	330	-	-	-	-	330
58	Reservoir Hill Tank Rehabilitation	3,401	-	-	3,401	-	-	3,401
59	Facility Roof Repairs Citywide	3,599	599	599	600	601	601	3,000
60	Water Vault & Large Meter Upgrades	1,491	212	213	212	212	212	1,061
61	Emergency Waterline Repair Contract	4,700	500	1,050	1,050	1,100	-	3,700
	Total Transmission And Distribution	\$ 1,245,141	\$ 16,185	\$ 19,759	\$ 20,269	\$ 17,628	\$ 16,156	\$ 89,997
	Areawide							
62	Citywide AMI Network	9,241	-	-	1,126	8,115	-	9,241
63	(36) Automatic Meter Reading - City Wide	53,500	15,900	18,500	19,100	-	-	53,500
64	(36) Automatic Meter Reading - City Wide Enterprise Fund	12,125	4,700	2,100	1,500	-	-	8,300
	Total Areawide	\$ 74,866	\$ 20,600	\$ 20,600	\$ 21,726	\$ 8,115	\$ -	\$ 71,041
	Future Unfunded Projects							

Funding Source	FY25	FY26	Comments	Ref.
Water Revenue Bond	High	High	Construct a new bridge across Spavinaw Creek to replace old bridge Facility No. 043, as noted on Oklahoma Department of Transportation Bridge Inspection Report, immediately upstream of Lake Spavinaw for access to local residents and staff use. Bridge will require new roadway approach and acquisition of right of way for installation. Bridge will be designed to meet latest federal/state bridge design criteria. This bridge is considered important in maintaining access for neighboring communities and for city of Tulsa staff use. The responsibility for the upkeep of this bridge happened as a result of ruling from the Mayes County District Court of Mayes County, OK, to address the issues brought forth by Tulsa Ozark Club (TOC) in Civil (Case) No. 3020, July 10, 1924.	22
Water Enterprise	High	High	Construction of Stem Wall for Spavinaw Water Treatment Plant Backwash Lagoon.	23
Water Enterprise	High	High	Implementation of the Court Master Agreement for the Spavinaw/Eucha watershed.	24
Water Enterprise	High	High	The purpose of this project is to provide concrete repairs to the Eucha Dam	25
Water Enterprise	High	High	Ongoing projects to assess, rehabilitate, and repair raw water flowlines and associated facilities.	26
Water Enterprise	High	High	Flow Meter and large valve replacement at Bird Creek and Oologah Pump Stations	27
Water Enterprise	High	High	Evaluate and inspect the horizontal turbine pump; the Engine Control Panel (ECP); the electrical switchgear; and evaluate the operational efficiency of the pump engines.	28
Water Enterprise	High	High	Evaluate and inspect the vertical turbine pump; inspect and redress the right angle drive; evaluate and upgrade the electrical switchgear; and evaluate the operational efficiency of the pumps and engines.	29
Water Revenue Bond	High	High	Evaluate and inspect the vertical turbine pump; inspect and redress the right angle drive; evaluate and upgrade the electrical switchgear; and evaluate the operational efficiency of the pumps and engines.	30
Water Revenue Bond	High	High	Evaluate, design and reconstruct the intake tower in Lake Yahola (Sequoyah Cell) to manage the routing of raw water into the structure and to better manage the release or storing of water within the cells. Also, the and continue the routine maintenance and preventive inspection program which included the repair and patch of the concrete slope walls.	31
Water Enterprise	High	High	This project will provide the equipment and personal to inspect and assess the condition of the Oologah Raw Waterlines. Various tools are available for gathering this necessary data to thoroughly evaluate the condition of the pipelines.	32
Water Enterprise	High	High	The investigation will begin at the Oologah Pump Station and proceed to know areas of concern. Entry points will be identified along the flowlines which will be used to gain access to the pipelines. The gathered data will be used to create assessment reports and help in the scheduling of repairs as needed.	33
Water Revenue Bond	High	High	Improvements at Oologah Pump Station Chemical Building	34
Water Enterprise	High	High	Ongoing maintenance of SCADA Systems for Raw Water.	34
Water Enterprise	High	High	This project will allow for concrete repairs at the Mohawk Water Treatment Plant	35
Water Revenue Bond	High	High	This project will allow for concrete repairs at the Mohawk Water Treatment Plant	36
Water Enterprise	High	High	This project will allow for the repair and rehabilitation of the Reservoir Hill Pumps Station	37
Water Enterprise	High	High	Provides funding to purchase and use disinfection alternatives for the Mohawk Water Treatment Plant	38
Water Revenue Bond	High	High	Provides funding to purchase and use disinfection alternatives for the Mohawk Water Treatment Plant	39
Water Enterprise	High	High	Provides for the replacement of chemical tanks at the Mohawk Water Treatment Plant	40
Water Enterprise	High	High	Facilities identified for rehabilitation or replacement by EMA study. Includes PAC slurry system, chlorine system, chlorine scrubbers, and various chemical storage tanks and feed systems. Replace obsolete PAC with Silo style storage located closer to point of application; Upgrade chemical feed systems to coordinate with 30 MGD expansion.	41
Water Revenue Bond	High	High	Facilities identified for rehabilitation or replacement by EMA study. Includes PAC slurry system, chlorine system, chlorine scrubbers, and various chemical storage tanks and feed systems. Replace obsolete PAC with Silo style storage located closer to point of application; Upgrade chemical feed systems to coordinate with 30 MGD expansion.	42
Water Enterprise	High	High	Provides funding to purchase and use disinfection alternatives for the A.B. Jewell Water Treatment Plant	43
Water Revenue Bond	High	High	Provides for the funding of residual improvements in connection with Phase 3 at the A.B. Jewell Water Treatment Plant	44
Water Revenue Bond	High	High	Provide improvements needed during maximum filter loading by identifying performance levels when seals begin to leak. Evaluate how and where water is flowing past piping seals during maximum filter loading and entering into the filter gallery. Project will need to determine the extent of damage done to the piping encased in the concrete walls and assess the structural integrity of these concrete walls. All facility piping and supports in the filter gallery are showing signs of rust and distress and will also need to be assessed.	45
Water Enterprise	High	High	Replace large water valves throughout water system.	46
Water Enterprise	High	High	Monitor and evaluate transmission lines citywide. Funding may also be used to modify and improve entry for testing and monitoring.	47
Water Enterprise	High	High	This program will focus on key sites citywide as determined by the City of Tulsa's Office of Economic Development. These key sites will be prioritized for public infrastructure needs so as to be shovel ready to attract industrial development.	48
Water Enterprise	High	High	Provide funding for ongoing program to relocate water lines associated with other City improvement projects.	49
Water Revenue Bond	High	High	Replace water lines that meet the replacement criteria and/or have excessive break histories. Priorities will be determined based on line condition, age, type of materials, and coordination with other infrastructure improvements in the area to maximize efficiency and minimize the impact to customers and businesses.	50
Water Enterprise	High	High	Replace water lines that meet the replacement criteria and/or have excessive break histories. Priorities will be determined based on line condition, age, type of materials, and coordination with other infrastructure improvements in the area to maximize efficiency and minimize the impact to customers and businesses.	51
Water Enterprise	High	High	Provide water service to unserved, developed areas in response to citizen petitions.	52
Water Enterprise	High	High	This project will provide maintenance as needed for the Utility Bridges with City waterlines.	53
Water Enterprise	High	High	Program to maintain and rehabilitate above ground treated water storage tanks. Funding may also be used to modify tanks to improve circulation for chloramine disinfection.	54
Water Enterprise	High	High	The program fund is to identify and design maintenance remedies to maintain compliance with ODEQ, and OSHA entry requirements for an above grade concrete tank.	55
Water Enterprise	High	High	The program fund is to identify and design maintenance remedies to maintain compliance with ODEQ requirements (626-17-1(e)(3) and (f)(1)), and OSHA entry requirements for a below ground tank.	56
Water Enterprise	High	High	This project will provide maintenance as needed for the Reservoir Hill Tank.	57
Water Revenue Bond	High	High	This project will provide maintenance as needed for the Reservoir Hill Tank.	58
Water Enterprise	High	High	Repair or replace citywide water facility roofs that meet the requirement criteria or that have excessive leaks.	59
Water Enterprise	High	High	Ongoing program to replace water meters citywide to support revenue assurance policies.	60
Water Enterprise	High	High	Ongoing program to emergency repair waterlines	61
Water Enterprise	High	High	This project Installs Advanced Metering Infrastructure (AMI) for new meter installations and all new commercial and 3-inch and larger meters are required to be AMR.	62
Water Revenue Bond	High	High	This project Installs Automatic Meter Reading (AMR) for new meter installations and all new commercial and 3-inch and larger meters are required to be AMR.	63
Water Enterprise	High	High	This project Installs Automatic Meter Reading (AMR) for new meter installations and all new commercial and 3-inch and larger meters are required to be AMR.	64
Deferred Funding			Future projects identified within Constrained Inventory, but not funded within FY25-29 timeframe.	

Ref.	Project	Est. Cost	FY25	FY26	FY27	FY28	FY29	Total
Total Water System Projects		\$ 1,633,174	\$ 40,620	\$ 59,916	\$ 51,030	\$ 37,846	\$ 27,682	\$ 217,094
Sanitary Sewer System								
<u>Northside Plant</u>								
65	Northside WWTP FEB Concrete/Structural Repair	602	-	-	-	-	602	602
66	Northside WWTP Iron Feed System for Struvite Control	145	-	-	-	-	75	75
67	Northside WWTP Digester Lid Repair Phase 1	1,235	1,235	-	-	-	-	1,235
68	Northside WWTP Aeration Basin Baffle Addition	715	-	-	-	-	116	116
69	Northside/LBC WWTP Electrical Improvements	2,814	-	358	2,456	-	-	2,814
70	Northside Interceptor Improvements	4,164	700	-	-	-	-	700
71	Coal Creek (103-N) Parallel Interceptor	3,361	3,361	-	-	-	-	3,361
72	Mingo Creek Rehabilitation & Relief	624	-	-	-	152	472	624
73	Jones/Douglass SSES Smoke Testing Repairs - Enterprise	350	-	-	-	350	-	350
74	Jones/Douglass SSES Smoke Testing Repairs - Revenue Bond	5,396	-	-	-	-	5,396	5,396
75	Jones/Douglass Rehabilitation & Relief	635	-	-	-	164	471	635
76	Flatrock Creek Rehabilitation and Relief - Enterprise	1,244	-	1,244	-	-	-	1,244
77	Flatrock Creek Rehabilitation and Relief - Revenue Bond	22,465	-	-	7,862	8,642	5,178	21,682
78	Coal Creek Rehabilitation - Enterprise	19,714	700	3,337	4,415	1,667	9,078	19,197
Total Northside Plant		\$ 63,464	\$ 5,996	\$ 4,939	\$ 14,733	\$ 10,975	\$ 21,388	\$ 58,031
<u>Southside Plant</u>								
79	Southside WWTP External Draft Tubes for Digester Mixing	611	-	-	-	-	611	611
80	Southside WWTP Concrete Rehabilitation & Replacement - Enterprise	838	-	838	-	-	-	838
81	Southside WWTP Concrete Rehabilitation & Replacement - Revenue Bonds	8,630	-	-	8,630	-	-	8,630
82	Southside WWTP Electrical Upgrades	4,368	-	-	555	3,813	-	4,368
83	Southside WWTP WAS Instrumentation and Piping	106	-	-	-	8	88	96
84	71st Street Dewatering Facility 81st Street Access	3,544	3,183	-	-	-	-	3,183
85	21st & Riverside Lift Station Improvements - Phase 3	1,009	-	-	-	-	1,009	1,009

Funding Source	FY25	FY26	Comments	Ref.
Sewer Enterprise	High	High	Condition (Physical) Assessment of Northside FEB was authorized by ES 2017-04 with Notice to Proceed dated January 18, 2018 to identify and quantify basin and structural system repairs with the concentration of the concrete and asphalt surface improvements to schedule funding sequence to produce bid plans and specifications necessary to competitively bid said improvements to restore Northside FEB to its original designed physical conditions. Condition Assessment recommendations, conclusions, and costs contained in 2018 Keithline Engineering Phase 1 Condition Assessment Report - Flow Equalization Basin Joint and Crack Repairs, ES 2017-04. Electrical, conveyance, support, and mechanical system condition assessments were not included. Other system assessments and parameter improvements were not part of this project.	65
Sewer Enterprise	High	High	While present in all of the sludge lagoon piping, struvite build-up in Lagoon 1 (decant lagoon) and the lagoon pumping system is always present and has an ongoing impact on the reliability and operability of the system. Plant staff have developed "work around" systems to deal with struvite impacts on pumping and piping systems, but these systems require additional staff time, equipment repair costs and consumables to implement. Installation of an iron feed system would limit the development and build-up of struvite in the system and could also be incorporated to mitigate struvite formation in the digesters in the event this occurs in the future.	66
Sewer Revenue Bond	High	High	Provide repair on Digesters 3&4. Scope of work includes: Repairs to the roof/wall construction joints; Preventative maintenance of the digester interior piping; Additional internal and external concrete repairs; and Interior and exterior coatings.	67
Sewer Enterprise	High	High	This project is to install new aeration basin baffles at the Northside Wastewater Treatment Plant. The aeration basin baffles will be installed at the end of zone two between the anoxic zone and the aeration zone. The installation of the baffles will reduce the cost and improve the treatment facility operations.	68
Sewer Enterprise	High	High	Reconfigure the electrical distribution system at the Northside/Lower Bird Creek WWTP, starting with the main incoming switchgear, in order to enhance reliability and upgrade equipment that is nearing the end of its useful service life. The project will involve replacing the main switchgear and re-arranging how downstream switchgear are fed.	69
Sewer Enterprise	High	High	The interceptor starts at Interceptor Lift Station (No. 5) at the downstream and the study ended at MH 101-0004 at the upstream. 12,025 LF of 66-inch reinforced concrete pipe (RCP) pipe was assessed and 10,943 LF of 60-inch RCP was assessed. The scope is to line 6,831 LF of RCP with cured in place pipe (CIPP), centrifugally cast fiberglass reinforced polymer mortar (CCFRPM) pipe, or other City approved material, externally pressure grout three (3) pipe joints, and perform heavy cleaning if necessary. It is anticipated that design and construction will occur in two (2) phases - one for 66-inch and one for 60-inch rehabilitation.	70
Sewer Enterprise	High	High	The project will slipline 325 LF of 24-inch and 36-inch RCP pipe with cured-in-place pipe (CIPP), or other City approved material. The project will also construct 1,745 LF of new 54-inch pipe, one (1) junction box, and construct two (2) manholes and rehabilitate two (2) manholes to relieve a hydraulic bottleneck. It is anticipated that design and construction will occur in a single phase.	71
Sewer Enterprise	High	High	Provide added capacity to overloaded lines.	72
Sewer Enterprise	High	High	TMUA ES 2021-01 and ES 2022-08 On-Call SSES provided sanitary sewer evaluation studies (SSES) including smoke testing and dye testing. Mainline defects found during smoke testing indicated structurally deficient sewer lines and inflow and infiltration (I/I) contributors. This business case development project form includes rehabilitation or replacement of manholes and gravity main sewer associated with defects found during the referenced projects with potential to fail between five (5) to ten (10) years.	73
Sewer Revenue Bond	High	High	TMUA ES 2021-01 and ES 2022-08 On-Call SSES provided sanitary sewer evaluation studies (SSES) including smoke testing and dye testing. Mainline defects found during smoke testing indicated structurally deficient sewer lines and inflow and infiltration (I/I) contributors. This business case development project form includes rehabilitation or replacement of manholes and gravity main sewer associated with defects found during the referenced projects with potential to fail between five (5) to ten (10) years.	74
Sewer Enterprise	High	High	Provide added capacity to overloaded lines.	75
Sewer Enterprise	High	High	Provide added capacity to overloaded lines.	76
Sewer Revenue Bond	High	High	Provide added capacity to overloaded lines.	77
Sewer Enterprise	High	High	The project includes, pre- and post-rehab flow monitoring, hydraulic modeling, SSES, design, and construction. Existing, defective pipes in the area will be replaced or rehabilitated with construction that may be performed using pipe bursting, lining, or open cut as all are acceptable installation methods.	78
Sewer Enterprise	High	High	Plant staff have described that the digester complex piping provides a high level of flexibility and redundancy, but at a high level of complexity. This results in a piping configuration which is difficult to operate during critical issues and is challenging to train new team members on. Additionally, sludge transfer from Digester 1 to Digester 2 is slow and results in frequent clogging. Improvements and simplifications to this piping will enhance reliability of operation.	79
Sewer Enterprise	High	High	The purpose of this project is to provide redundancy to the distribution of digester sludge from the Southside Wastewater Treatment Plant to the 71st street dewatering facility. Currently, the only avenue to convey sludge between the two facilities for further treatment is through the use of the 2-mile force main between the two facilities. This force main has not had any interruptions to date, but if there is a failure there is currently no backup for sludge transfer between the two facilities. This solution can provide an emergency backup and provide redundancy to facilitate the implementation of a more permanent redundant transfer line.	80
Sewer Revenue Bond	High	High	This project improves the reliability of the length of sludge transfer piping to transfer digested sludge from the Southside Wastewater Treatment Plant to the 71st street dewatering facility. Currently, the only conduit to convey sludge between the two facilities for further treatment is through the use of a signal 2-mile force main between the two facilities. The present force main has provided reliable service to date, but is the only transfer pipe. Note that the pipeline has experienced point failures but prompt attention by TMUA staff have installed immediate point repairs to minimize the pipeline's downtime. An overbearing concern is that the pipeline includes a 200 linear foot section of pipe that was first placed into service in the 1950's. With sludge piping of this age, there is an overbearing concern that a significant length of this 1950's pipe could fail, thus requiring an emergency bypass temporary piping in conjunction with a significant emergency repair response.	81
Sewer Enterprise	High	High	Reconfigure the electrical distribution system at the Southside WWTP, starting with the main incoming switchgear, in order to enhance reliability and upgrade equipment that is nearing the end of its useful service life. The project will involve replacing the main switchgear and re-arranging how downstream switchgear are fed.	82
Sewer Enterprise	High	High	The purpose of this project is to provide improvements to waste activated sludge processing within the Southside Wastewater Treatment Plant. This project will help to minimize overflows within the WAS storage basin.	83
Sewer Revenue Bond	High	High	Construct access road from 81st street, east or west of Titan Sports Complex to the 71st Street Dewatering Facility.	84
Sewer Enterprise	High	High	Provides improved wet weather performance of the lift station and addresses operational and safety concerns. Phase 3 will focus on design and construction of improvements to expand the wet weather capacity of the lift station from 25 MGD to approximately 37 MGD. The capacity increase will be obtained by replacement of existing Pumps 1 and 2, corresponding variable frequency drives, and the construction of a new 20-inch force main from the lift station, across the Arkansas River to the West Bank Interceptor. Phase 3 Improvements will also include new electrical gear (motor control center and control panel) to replace existing equipment in poor condition.	85

Ref.	Project	Est. Cost	FY25	FY26	FY27	FY28	FY29	Total
86	Central Business District Rehabilitation & Relief, contract 2	926	-	-	-	-	926	926
87	West Bank Interceptor Improvements - Enterprise	460	-	-	-	460	-	460
88	West Bank Interceptor Improvements - Revenue Bond	5,903	-	-	-	-	5,903	5,903
89	West Tulsa 39, 40, 41-S Relief - Enterprise	4,787	578	-	4,209	-	-	4,787
90	West Tulsa 39, 40, 41-S Relief - Revenue Bond	9,002	-	1,008	-	3,006	4,988	9,002
91	Upper Joe Creek - East Branch - Enterprise	1,906	1,473	-	-	433	-	1,906
92	Upper Joe Creek - East Branch - Revenue Bond	5,370	-	434	436	-	4,500	5,370
93	Crow Creek Rehab & Relief - Enterprise	7,320	543	5,352	175	1,000	250	7,320
94	Crow Creek Rehab & Relief - Revenue Bond	5,279	5,279	-	-	-	-	5,279
95	Joe Creek/LaFortune Park Rehab	105	-	-	105	-	-	105
Total Southside Plant		\$ 60,164	\$ 11,056	\$ 7,632	\$ 14,110	\$ 8,720	\$ 18,275	\$ 59,793
Haikey Creek Plant								
96	Haikey Creek WWTP Waterline Loop	428	-	-	428	-	-	428
97	Haikey Creek Lift Station Improvements - Phase 4 Improvements	1,907	-	1,907	-	-	-	1,907
98	Haikey Creek WWTP Composting Facility	20,000	-	20,000	-	-	-	20,000
99	Haikey Creek Oxidation Ditch Demolition	217	217	-	-	-	-	217
100	Haikey Creek SAMS Equipment Replacements, including Project 118 (FEB improvements), and 171 (annual equipment R&R) Includes lines 100 and 110	3,092	535	551	567	550	602	2,805
Total Haikey Creek Plant		\$ 25,644	\$ 752	\$ 22,458	\$ 995	\$ 550	\$ 602	\$ 25,357
Lower Bird Creek Plant								
101	Lower Bird Creek WWTP Oxidation Ditch Mixers	425	370	-	-	-	-	370
102	Lower Bird Creek WWTP Expansion Phase 2 (ARPA Grant)	16,000	16,000	-	-	-	-	16,000
103	Spunky Creek Main Stem South Contract 1 and 2	7,203	6,663	-	-	-	-	6,663
Total Lower Bird Creek Plant		\$ 23,628	\$ 23,033	\$ -	\$ -	\$ -	\$ -	\$ 23,033
Wastewater System Misc. Improvements								
104	Water & Sewer Department Long Range Facility Plan	243	243	-	-	-	-	243
105	Lift Station Replacements or Upgrades - Enterprise	10,633	2,075	2,712	2,029	2,090	-	8,906

Funding Source	FY25	FY26	Comments	Ref.
Sewer Enterprise	High	High	Provide rehabilitation of sanitary sewers in portions of the wastewater collection system in the Central Business District (CBD) and nearby areas which are in planning for redevelopment. The project area is contained within maintenance areas 28-S, 29-S, 31-S, 32-S, 33-S, 34-S, and 63-S. The goal of the project is to replace aging sewer lines before they fail to mitigate sinkhole risk; and to ensure that the sewer system can support redevelopment in the project area.	86
Sewer Enterprise	High	High	The West Bank Interceptor Improvements will include repair, rehabilitation and/or replacement of 27 large vault style manholes and 3,522 linear feet of large diameter interceptor located along the Arkansas River from approximately W. 21st Street South to W. 51st Street South. The rehabilitation recommendations come from the Interceptor Corrosion Assessment study referenced below which identified observed corrosion in prestressed concrete cylinder pipe (PCCP) with embedded steel cylinder (ECP). Corrosion was also observed compromising the structural integrity of the manholes on the West Bank Interceptor. 27 manholes are recommended for repair, rehabilitation and/or replacement starting at Manhole 039-0509 and ending at Manhole 040-0544. The pipeline rehabilitation will begin at Manhole 040-0554 and end at Manhole 040-0544, with two (2) additional pipeline rehabilitations at segments 039-0498:039-0497 and 040-0559:040-0558.	87
Sewer Revenue Bond	High	High	The West Bank Interceptor Improvements will include repair, rehabilitation and/or replacement of 27 large vault style manholes and 3,522 linear feet of large diameter interceptor located along the Arkansas River from approximately W. 21st Street South to W. 51st Street South. The rehabilitation recommendations come from the Interceptor Corrosion Assessment study referenced below which identified observed corrosion in prestressed concrete cylinder pipe (PCCP) with embedded steel cylinder (ECP). Corrosion was also observed compromising the structural integrity of the manholes on the West Bank Interceptor. 27 manholes are recommended for repair, rehabilitation and/or replacement starting at Manhole 039-0509 and ending at Manhole 040-0544. The pipeline rehabilitation will begin at Manhole 040-0554 and end at Manhole 040-0544, with two (2) additional pipeline rehabilitations at segments 039-0498:039-0497 and 040-0559:040-0558.	88
Sewer Enterprise	High	High	The project consists of a multi-year rehab and replacement project in the West Tulsa basin of the Southslope wastewater collection system. The project includes, pre- and post-rehab flow monitoring, hydraulic modeling, SSES, design, and construction. Construction activities will include a mix of rehabilitation and capacity enhancements, depending on solutions that are determined to be most cost-effective during the flow monitoring and modeling phase of the project. The I&I Abatement target for this basin has not yet been defined. The West Tulsa basin is defined as the collection system that is monitored by permanent flow monitors TL-10, and TL-42, jointly. It contains 358,000 linear feet of pipe and encompasses maintenance areas 38-S, 39-S, 40-S, and 41-S.	89
Sewer Revenue Bond	High	High	The project consists of a multi-year rehab and replacement project in the West Tulsa basin of the Southslope wastewater collection system. The project includes, pre- and post-rehab flow monitoring, hydraulic modeling, SSES, design, and construction. Construction activities will include a mix of rehabilitation and capacity enhancements, depending on solutions that are determined to be most cost-effective during the flow monitoring and modeling phase of the project. The I&I Abatement target for this basin has not yet been defined. The West Tulsa basin is defined as the collection system that is monitored by permanent flow monitors TL-10, and TL-42, jointly. It contains 358,000 linear feet of pipe and encompasses maintenance areas 38-S, 39-S, 40-S, and 41-S.	90
Sewer Enterprise	High	High	The project consists of a multi-year rehab and replacement project in the Upper Joe Creek basin of the Southslope wastewater collection system. The project includes, pre- and post-rehab flow monitoring, hydraulic modeling, SSES, design, and construction. Construction activities will include a mix of rehabilitation and capacity enhancements, depending on solutions that are determined to be most cost-effective during the flow monitoring and modeling phase of the project.	91
Sewer Revenue Bond	High	High	The project consists of a multi-year rehab and replacement project in the Upper Joe Creek basin of the Southslope wastewater collection system. The project includes, pre- and post-rehab flow monitoring, hydraulic modeling, SSES, design, and construction. Construction activities will include a mix of rehabilitation and capacity enhancements, depending on solutions that are determined to be most cost-effective during the flow monitoring and modeling phase of the project.	92
Sewer Enterprise	High	High	The project consists of a multi-year rehab and replacement project in the Crow Creek basin of the Southslope wastewater collection system. The project includes, pre- and post-rehab flow monitoring, hydraulic modeling, SSES, design, and construction. Construction activities will include a mix of rehabilitation and capacity enhancements, depending on solutions that are determined to be most cost-effective during the flow monitoring and modeling phase of the project. The I&I Abatement target for Crow Creek is a 30% reduction. The Crow Creek basin is defined as the collection system that is monitored by permanent flow monitor TL-26. It contains 442,000 linear feet of pipe and encompasses maintenance areas 44-S, 45-S, and 62-S.	93
Sewer Enterprise	High	High	The project consists of a multi-year rehab and replacement project in the Crow Creek basin of the Southslope wastewater collection system. The project includes, pre- and post-rehab flow monitoring, hydraulic modeling, SSES, design, and construction. Construction activities will include a mix of rehabilitation and capacity enhancements, depending on solutions that are determined to be most cost-effective during the flow monitoring and modeling phase of the project. The I&I Abatement target for Crow Creek is a 30% reduction. The Crow Creek basin is defined as the collection system that is monitored by permanent flow monitor TL-26. It contains 442,000 linear feet of pipe and encompasses maintenance areas 44-S, 45-S, and 62-S.	94
Sewer Enterprise	High	High	The project consists of a multi-year rehab and replacement project in the Joe-LaFortune basin of the Southslope wastewater collection system. The remaining project activities include SSES, design, and construction.	95
Sewer Enterprise	High	High	Provide an additional water source to the Haikey Creek Wastewater Treatment Plant.	96
Sewer Revenue Bond	High	High	Provide improved wet weather performance of the lift station. Phase 1, 2 and 3 Improvements are mostly complete. This project scope is described as Phase 4 Improvements in February 2012 study. It includes the design and construction of a new submersible lift station to supplement and work in tandem with the existing lift station to increase firm pumping capacity to 41.9 MGD (sizing to be confirmed during design phase). Selected consultant for Phase 4 shall provide a business case evaluation for the final Phase 5 Improvements as part of design scope.	97
Sewer Revenue Bond	High	High	Improvements at the Haikey Creek Wastewater Treatment Plant Composting Facility.	98
Sewer Enterprise	High	High	This demolition project was bid as an alternate item to the new activated sludge aeration basin replacement project ES 2016-01 in June 2019 and not awarded due to budget constraints. Scope includes demolition and removal of the existing oxidation ditches.	99
Sewer Enterprise	High	High	Replacement of plant capital at Haikey Creek Waste Water Treatment Plant	100
Sewer Enterprise	High	High	Replacement of oxidation ditch mixers at the Lower Bird Creek WWTP	101
Sewer Enterprise	High	High	Project provides ARPA grant funds for Phase 2 of Lower Bird Creek WWTP Expansion	102
Sewer Revenue Bond	High	High	Southern extension of the Spunky Creek wastewater system.	103
Sewer Enterprise	High	High		104
Sewer Enterprise	High	High	Annual repairs, pump replacements, etc. to the collection system lift stations.	105

Ref.	Project	Est. Cost	FY25	FY26	FY27	FY28	FY29	Total
106	Lift Station Replacements or Upgrades - Revenue Bond	2,153	-	-	-	-	2,153	2,153
	Total Wastewater System Misc. Imp	\$ 13,029	\$ 2,318	\$ 2,712	\$ 2,029	\$ 2,090	\$ 2,153	\$ 11,302
Areawide Collection System								
107	Sewer Rehab Area Wide - Enterprise	29,494	3,238	1,500	5,000	6,535	8,000	24,273
108	Sewer Rehab Area Wide - Revenue Bond	12,139	2,385	5,603	2,316	1,000	597	11,901
109	Small Unsewered Area Mainline Extensions	2,500	500	500	500	500	500	2,500
110	Areawide Point Repairs	18,000	3,000	3,000	3,000	3,000	3,000	15,000
111	2008 Street Package - Sewer Rehab/Replacement	21,000	3,500	3,500	3,500	3,500	3,500	17,500
112	Force Main Condition Assessment - Enterprise	637	637	-	-	-	-	637
113	Force Main Condition Assessment - Revenue Bond	3,361	-	656	675	696	716	2,743
114	Interceptor Condition Assessment	3,750	-	750	750	750	750	3,000
115	Large Diameter Interceptor Manhole Rehabilitation Phase 1	146	-	-	-	-	146	146
116	Economic Development Wastewater Infrastructure	3,200	500	500	500	500	500	2,500
117	Manhole Condition Assessment and Rehabilitation Program	21,000	3,000	3,000	3,000	3,000	3,000	15,000
118	Emergency Sewer Repair, Rehabilitation and Replacement	15,400	2,200	2,200	2,201	2,200	2,200	11,001
119	RCP Interceptor Rehabilitation Phase 1	5,393	-	-	328	5,065	-	5,393
120	DIP Interceptor Rehabilitation Phase 2	1,638	-	-	-	100	1,538	1,638
Total Areawide Collection System		\$ 137,658	\$ 18,960	\$ 21,209	\$ 21,770	\$ 26,846	\$ 24,447	\$ 106,201
Total Sanitary Sewer System Projects		\$ 323,587	\$ 62,115	\$ 58,950	\$ 53,637	\$ 49,181	\$ 66,865	\$ 290,748
Stormwater								
121	116th and Sheridan Erosion Stabilization	150	-	-	-	-	150	150
122	43rd and Sheridan FEMA BRIC Grant Match - Enterprise	5,000	-	5,000	-	-	-	5,000
123	43rd and Sheridan FEMA BRIC Grant Match - Revenue Bond	2,000	-	2,000	-	-	-	2,000
124	47th and Lewis	100	100	-	-	-	-	100
125	47th and Lewis	1,000	-	-	1,000	-	-	1,000
126	4th and Kenosha storm sewer improvement	7,000	-	1,000	-	6,000	-	7,000
127	Centennial Park Pond	600	300	300	-	-	-	600
128	Citywide Erosion and Stabilization	3,000	-	-	-	-	3,000	3,000
129	Citywide Concrete Channel Rehabilitation	5,750	250	500	1,000	500	500	2,750
130	Citywide Detention Pond Rehabilitation	3,555	200	500	430	500	500	2,130
131	Citywide Economic Development	3,700	400	400	400	500	500	2,200
132	Citywide Rehabilitation & Replacement	17,442	2,120	2,185	2,250	2,320	2,390	11,265
133	Citywide Storm Sewer Extensions	300	-	-	-	150	150	300
134	Citywide Storm Sewer Extensions - Citywide On-Call Survey	950	100	100	100	100	100	500
135	Crescent Park	250	-	250	-	-	-	250
136	Crescent Park	1,100	-	-	1,100	-	-	1,100
137	Hager Creek - Storm Sewer Relief Line	7,000	2,000	-	-	3,000	2,000	7,000
138	Hager Creek - Storm Sewer Relief Line	11,000	2,000	3,000	4,000	-	2,000	11,000
139	Haikey Tributary - 7723 S 68th East Ave	600	-	-	-	100	500	600
140	Haikey Tributary - 7723 S 68th East Ave	1,000	-	-	-	-	1,000	1,000
141	Highland Park Channel Improvements	500	500	-	-	-	-	500
142	Little Haikey Channel Improvements	1,550	-	-	-	1,550	-	1,550
143	OWRB Annual Dam Inspection	145	-	-	70	-	-	70
144	Small Drainage - Citywide FEMA buyout program	1,500	200	150	150	250	250	1,000
145	Small Drainage On-Call Design	1,425	150	250	150	250	250	1,050
146	Small Drainage Projects - Citywide Geotechnical Testing	400	50	50	50	50	50	250
147	Small Drainage Projects - Citywide Urgent	1,250	250	250	250	250	250	1,250
148	Storm Sewer Extension - Zink Park - 32nd and Trenton	450	450	-	-	-	-	450
149	Storm Sewer Extensions -Dawson Road/BNSF	3,150	-	150	3,000	-	-	3,150
150	Stormwater Maintenance Building Expansion	7,000	7,000	-	-	-	-	7,000
151	56th St N : MLK to Peoria	300	-	300	-	-	-	300
152	Citywide Stormwater Improvements	2,000	-	-	-	-	2,000	2,000
153	Citywide Stormwater Improvements	2,500	600	500	400	500	500	2,500
154	Vensel Creek - 84th St to Pittsburg	150	-	-	150	-	-	150
155	Vensel Creek - 84th St to Pittsburg	1,400	-	-	1,400	-	-	1,400
Total Stormwater Projects		\$ 95,217	\$ 16,670	\$ 16,885	\$ 15,900	\$ 16,020	\$ 16,090	\$ 81,565
Public Facilities Maintenance								
0	City Facilities Roofing							-

Funding Source	FY25	FY26	Comments	Ref.
Sewer Revenue Bond	High	High	Annual repairs, pump replacements, etc. to the collection system lift stations.	106
Sewer Enterprise	High	High	Project reflects funds not allocated to a specific I&I Abatement project.	107
Sewer Revenue Bond	High	High	Project reflects funds not allocated to a specific I&I Abatement project.	108
Sewer Enterprise	High	High	Unsewered area projects.	109
Sewer Enterprise	High	High	Reflects estimate of need for short term infrastructure reinvestment.	110
Sewer Enterprise	High	High	Annual rehab and replacement of sewer areas.	111
Sewer Revenue Bond	High	High	The scope of this BCE is to develop an asset management plan in FY19 to perform future, annual condition assessment on collection system force mains based on criticality. Over 60 miles of force main are currently operated and maintained by SOM and WPC.	112
Sewer Enterprise	High	High	The scope of this BCE is to develop an asset management plan in FY19 to perform future, annual condition assessment on collection system force mains based on criticality. Over 60 miles of force main are currently operated and maintained by SOM and WPC.	113
Sewer Enterprise	High	High	The scope of this BCE is to develop an asset management plan (AMP) in FY19 to perform condition assessment on the remaining 323,000 LF of large diameter concrete interceptors based on criticality.	114
Sewer Revenue Bond	High	High		115
Sewer Enterprise	High	High	This program will focus on providing sanitary sewer services to key sites citywide as determined by the City of Tulsa's Office of Economic Development. These key sites will be prioritized for public infrastructure needs and work toward "site certification" so as to be shovel ready to attract industrial development.	116
Sewer Enterprise	High	High	Program to fund manhole condition assessment, rehabilitation, and replacement as part of the City of Tulsa SSO mitigation plan to prevent sanitary sewer overflows, correct unsafe structural conditions, and reduce risk with regards to the management of these assets. This will be an ongoing program to manage risk, correct deficiencies, and meet regulatory requirements.	117
Sewer Enterprise	High	High	Program to fund emergency sanitary sewer system repairs, rehabilitation, and replacement as part of the City of Tulsa SSO mitigation plan to prevent sanitary sewer overflows. Operations will take the lead on this CIP line item with technical support from Engineering Services.	118
Sewer Enterprise	High	High	TMUA ES 2021-03 Large Diameter Gravity Main Assessment provided rehabilitation recommendations for large diameter gravity main sewer pipe in various locations in the TMUA collection system. Rehabilitation recommendations for assets of similar class and failure form were grouped together and separated into Phase 1 with the potential to fail within zero (0) to five (5) years and Phase 2 with the potential to fail between five (5) to ten (10) years. This business case development project form includes Phase 1 reinforced concrete pipe with the potential to fail due to observed corrosion compromising the structure integrity of the pipe. Rehabilitation by cured-in-place pipe (CIPP) lining is recommended for 3,710 linear feet. Pipe segments are located in Maintenance Zones 044 and 045 (Crow Creek) and 046 and 047 (East Bank).	119
Sewer Enterprise	High	High	TMUA ES 2021-03 Large Diameter Gravity Main Assessment provided rehabilitation recommendations for large diameter gravity main sewer pipe in various locations in the TMUA collection system. Rehabilitation recommendations for assets of similar class and failure form were grouped together and separated into Phase 1 with potential to fail within zero (0) to five (5) years and Phase 2 with potential to fail between five (5) to ten (10) years. This business case development project form includes Phase 2 reinforced concrete pipe with potential to fail due to observed corrosion compromising structure integrity of the pipe. Rehabilitation by cured in place pipe (CIPP) lining is recommended for 10,448.70 linear feet.	120
Stormwater Enterprise	High	High	Citywide channel erosion and stabilization	121
Stormwater Enterprise	High	High	Reduce flooding and erosion inside funded transportation projects. Increase capacity as needed for storm sewer.	122
Stormwater Revenue Bond	High	High	Reduce flooding and erosion inside funded transportation projects. Increase capacity as needed for storm sewer.	123
Stormwater Revenue Bond	High	High	Citywide storm sewer extensions	124
Stormwater Enterprise	High	High	Citywide storm sewer extensions	125
Stormwater Revenue Bond	High	High	Citywide storm sewer extensions	126
Stormwater Enterprise	High	High	City maintained ponds continue to degrade increasing cost of repairs every year deferred. Increased chance of failure causes flooding downstream.	127
Stormwater Enterprise	High	High	Citywide Channel Erosion and Stabilization	128
Stormwater Enterprise	High	High	City maintained improved channels continue to degrade increasing the cost of repairs every year deferred. Increased chance of catastrophic failures.	129
Stormwater Enterprise	High	High	City maintained improved channels continue to degrade increasing the cost of repairs every year deferred. Increased chance of catastrophic failures.	130
Stormwater Enterprise	High	High	Design and Construct projects for drainage problems located at various sites throughout the City.	131
Stormwater Enterprise	High	High	Citywide R&R	132
Stormwater Enterprise	High	High	Citywide Storm Sewer Extensions	133
Stormwater Enterprise	High	High	Citywide On-Call Survey	134
Stormwater Enterprise	High	High	Citywide Channel Erosion and Stabilization	135
Stormwater Enterprise	High	High	Citywide Channel Erosion and Stabilization	136
Stormwater Enterprise	High	High	Increasing stormsewer capacity/elevating roadways	137
Stormwater Revenue Bond	High	High	Increasing stormsewer capacity/elevating roadways	138
Stormwater Enterprise	High	High	Citywide Channel Erosion and Stabilization	139
Stormwater Enterprise	High	High	Citywide Channel Erosion and Stabilization	140
Stormwater Revenue Bond	High	High	Citywide Channel Erosion and Stabilization	141
Stormwater Enterprise	High	High	Unmaintained natural creeks and deferred maintenance of improved channels threatens public safety and property.	142
Stormwater Enterprise	High	High	OWRB Annual Dam Inspection	143
Stormwater Enterprise	High	High	Design and Construct projects for drainage problems located at various sites throughout the City.	144
Stormwater Enterprise	High	High	Urgent Small Drainage Projects (Studies and Design)	145
Stormwater Enterprise	High	High	Construction Quality Control Testing	146
Stormwater Revenue Bond	High	High	Urgent Small Drainage Projects (Construction)	147
Stormwater Revenue Bond	High	High	Citywide Storm Sewer Extensions	148
Stormwater Enterprise	High	High	Citywide Storm Sewer Extensions	149
Stormwater Enterprise	High	High	Stormwater Operations and Maintenance Facility	150
Stormwater Enterprise	High	High	Citywide Storm Sewer Extensions	151
Stormwater Enterprise	High	High	Urgent Small Drainage Projects (Studies and Design)	152
Stormwater Enterprise	High	High	Urgent Small Drainage Projects (Construction)	153
Stormwater Enterprise	High	High	Unmaintained natural creeks and deferred maintenance of improved channels threatens public safety and property.	154
Stormwater Enterprise	High	High	Unmaintained natural creeks and deferred maintenance of improved channels threatens public safety and property.	155
Future Sales Tax	High	High	Inspection, assessment, prioritization and repairs of roofing for various city facilities.	0

Ref.	Project	Est. Cost	FY25	FY26	FY27	FY28	FY29	Total
156	Citywide Public Facilities Maintenance	6,425						-
157	Future Capital Projects	44,485	-	-	-	-	-	-
	Total Public Facilities Maintenance Projects	\$ 50,910	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL PUBLIC WORKS AND INFRASTRUCTURE PROJECTS		\$ 2,624,376	\$ 119,405	\$ 135,751	\$ 120,567	\$ 103,047	\$ 110,637	\$ 589,407
SOCIAL AND ECONOMIC DEVELOPMENT								
Department of City Experience (DCE)								
0	Future Animal Welfare Projects							-
158	Future Housing Projects	95,000						-
	Total Department of City Experience Projects	\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ -	-
Planning and Economic Development Department								
159	Future Planning and Economic Development Projects	14,675						-
	Total Planning And Development Projects	\$ 14,675	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL SOCIAL AND ECONOMIC DEVELOPMENT PROJECTS		\$ 109,675	\$ -	\$ -	\$ -	\$ -	\$ -	-
TRANSPORTATION								
Metropolitan Tulsa Transit Authority								
0	Future Public Transportation Projects	-						-
	Total Metropolitan Tulsa Transit Authority Projects	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL TRANSPORTATION PROJECTS		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
ADMINISTRATIVE AND SUPPORT SERVICES								
Information Technology Department								
0	Future Unfunded Projects	-						-
	Total Information Technology Department Projects	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Asset Management Department								
0	Future Asset Management Projects							-
	Total Equipment Management Projects	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Short Term & Bond Issuance								
160	Short Term Capital	126,117						-
161	Bond Issuance Costs	1,822						-
	Total Short Term & Contracted Capital Projects	\$ 127,939	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL ADMINISTRATIVE AND SUPPORT SERVICES PROJECTS		\$ 127,939	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL CAPITAL PROJECTS INVENTORY		\$ 3,187,225	\$ 119,405	\$ 135,751	\$ 120,567	\$ 103,047	\$ 110,637	\$ 589,407

<u>Funding Source</u>	<u>FY25</u>	<u>FY26</u>	<u>Comments</u>	<u>Ref.</u>
Future Bond Program	High	High	Major renovation of city facilities utilized by City personnel and the public at various locations citywide. Project consists of HVAC, plumbing and electrical system replacement, flooring and painting every 20 years. The amount of funding is needed to implement the program from 2017-2022 as presented to City Council. The annualized cost of the program is \$7,420,857.00.	156
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	157
TOTAL PUBLIC WORKS AND INFI				
SOCIAL AND ECONOMI				
Future Sales Tax	High	High	To provide electrical service to the Tulsa animal shelter (24/7/365 operation) in the event of an interruption of electrical service (ice, severe weather, etc) so care of animals in the shelter can continue (between 150- 250 animals at any one time)	0
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	158
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	159
TOTAL SOCIAL AND ECONOMIC				
TRANSPORT				
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	0
TOTAL TRANSPORTA'				
ADMINISTRATIVE AND SI				
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	0
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY25-29 timeframe	0
Future Sales Tax	High	High	To replace miscellaneous capital equipment.	160
Future Bond Program	High	High	Bond sale related costs.	161