FISCAL YEARS 2027-2031 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, all the $355.0 million has been issued from the IoT 1 program, $278.2 million of the $427.0 million has been issued from the IoT II program, and $210.1 million of the $384.9 million has been issued from the IoT III program. The remaining $323.5 million will be issued in future years with the next series planned for issuance in FY2027. 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 is likely to mean that any newly identified or unfunded capital improvement projects will not be funded until the conclusion of these programs. Information about these programs is contained in the FY27 Capital Budget - Funded Programs Status and Operating Impact (Section 6) of this document and includes a list of the proposed funding for FY27.

Historically, the City of Tulsa has had an aggressive capital improvements program. The Third Penny Sales Tax program, 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.

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 835 projects totaling over $9.9 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 2027-2031 Capital Plan.

CAPITAL PLAN

FIVE-YEAR LEVEL OF RECOMMENDED FUNDING*
BY DEPARTMENT
Fiscal Years 2027 -2031
(amount expressed in thousands)

Project Type	Constrained Requests	FY27-31 Recommended Funding	Inventory Percent Funding	Total Percent Funding
Police Department Projects	$ -	$ -	0%	0%
Fire Department Projects	37,488	-	0%	0%
Total Public Safety and Protection	**$ 37,488**	**$ -**	**0%**	**0%**
Park and Recreation Projects	12,870	-	0%	0%
Tulsa Zoo Projects	12,400	-	0%	0%
Gilcrease Museum Projects	-	-	0%	0%
Arvest Convention Center and BOK Center	24,150	-	0%	0%
Performing Arts Center	69,700	-	0%	0%
River Parks Projects	29,770	-	0%	0%
Total Cultural Development and Recreation	**$ 148,890**	**$ -**	**0%**	**0%**
Planning & Neighborhoods Department Projects	101,726	-	0%	0%
Economic Development Projects	3,375	-	0%	0%
Total Social and Economic Development	**$ 105,101**	**$ -**	**0%**	**0%**
Street and Expressway Projects	351,606	-	0%	0%
Water System Projects	1,069,465	399,481	37%	47%
Sanitary Sewer System Projects	945,223	359,224	38%	42%
Flood Control Projects	109,582	89,770	82%	11%
Metropolitan Tulsa Transit Authority (MetroLink) Projects	-	-	0%	0%
Total Public Works and Transportation	**$ 2,475,876**	**$ 848,475**	**34%**	**100%**
Information Technology Department	-	-	0%	0%
Facilities Maintenance Projects	80,201	-	0%	0%
Equipment Management Projects	-	-	0%	0%
Short Term and Contracted Capital Projects	85,671	-	0%	0%
Total Administrative and Support Services	**$ 165,872**	**$ -**	**0%**	**0%**
Total of All Capital Project Types	**$ 2,933,227**	**$ 848,475**	**29%**	**100%**

* Capital projects funded via Sales Tax and General Obligation Bond programs through FY2030.

FY 2027 - 2031

FIVE-YEAR RECOMMENDED CIP FUNDING RENEWAL VS. GROWTH

Total $848,475

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 Improve-ment Program, or the 2006 Sales Tax Extension. Information on the projects and appropriations for these programs is contained in Section 6.

PROGRAM/DEPARTMENT	Proposed 5-Year Funding
PUBLIC SAFETY AND PROTECTION	
Fire The Fire Department's highest priority is the replacement of its apparatus, followed by the construction/expansion of around 10 Fire Stations and facilities.	$ 37 million
Total Public Safety and Protection	**$ 37 million**
CULTURAL DEVELOPMENT AND RECREATION	
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.	$ 13 million
Tulsa Zoo TMZI has identified capital projects with the highest priorities including replacement of various facility roofs and HVAC equipment across the zoo, followed by a new access road and employee parking lot.	$ 12 million
Gilcrease Museum The continued maintenance and improvements of the supporting facilities around the newly constructed Gilcrease Museum have been identified as the highest priority projects.	$ 0 million
BOK Center and Arvest Convention Center The continued maintenance and improvements of the BOK Center and Arvest Convention Center have been identified as the highest priority projects.	$ 24 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 with potential expansion in the future.	$ 70 million
River Parks Authority The continued improvements of both west and east banks of the Arkansas river has been identified as the highest priority projects followed by the acquisition of the vacant concrete plant site.	$ 30 million
Total Cultural Development and Recreation	**$ 149 million**
SOCIAL AND ECONOMIC DEVELOPMENT	
Planning and Neighborhoods Department Projects 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.	$ 102 million
Tulsa Authority for Economic Opportunity (TAEO) Economic Development TAEO 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.	$ 3 million
Total Social and Economic Development	**$ 105 million**

CAPITAL PLAN

PROGRAM/DEPARTMENT	Proposed 5-Year Funding
PUBLIC WORKS AND INFRASTRUCTURE	
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.	$ 352 million
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.	$ 1,069 million
Sanitary Sewer The City completed all required projects to meet the consent orders issued by State and Federal regulatory authorities to eliminate specific incidents of residential sewage overflows. 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.	$ 945 million
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.	$ 110 million
Metropolitan Tulsa Transit Authority (MetroLink) MTTA's highest priorities are the completion of the 11th Street Bus Rapid Transit (BRT), continued replacement of current fleet, and replacement of the Downtown Transit Center	$ 0 million
Total Public Works and Transportation	**$ 2,476 million**
ADMINISTRATIVE AND SUPPORT SERVICES	
Facilities Maintenance Projects The continued maintenance of all City-owned facilities has been identified as the highest priority by the plan.	$ 80 million
Equipment Management Projects The continued maintenance and replacement of all City-owned equipment has been identified as the highest priority by the plan.	$ 0 million
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.	$ 86 million
Total Administrative and Support Services	**$ 166 million**
TOTAL PROPOSED FIVE-YEAR FUNDING PROGRAM	**$ 2,933 million**

* Capital projects funded via Sales Tax and General Obligation Bond programs through FY2030.

CITY OF TULSA
FISCAL YEARS 2027-2031 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	FY27	FY28	FY29	FY30	FY31	Total
Police Department Projects	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Fire Department Projects	37,488	-	-	-	-	-	-
Total Public Safety and Protection	$ 37,488	$ -	$ -	$ -	$ -	$ -	$ -
Park and Recreation Department Projects	12,870	-	-	-	-	-	-
Tulsa Zoo Projects	12,400	-	-	-	-	-	-
Gilcrease Museum Projects	-	-	-	-	-	-	-
Arvest Convention Center and BOK Center Projects	24,150	-	-	-	-	-	-
Performing Arts Center Projects	69,700	-	-	-	-	-	-
River Parks Projects	29,770	-	-	-	-	-	-
Total Cultural Devel. and Recreation	$ 148,890	$ -	$ -	$ -	$ -	$ -	$ -
Planning & Neighborhoods Department Projects	101,726	-	-	-	-	-	-
Economic Development Projects	3,375	-	-	-	-	-	-
Total Social and Economic Development	$ 105,101	$ -	$ -	$ -	$ -	$ -	$ -
Street and Expressway Projects	351,606	-	-	-	-	-	-
Water System Projects	1,069,465	60,684	66,403	68,674	76,695	127,025	**399,481**
Sanitary Sewer System Projects	945,223	63,726	70,253	89,172	65,619	70,454	**359,224**
Flood Control Projects	109,582	17,470	17,500	19,700	17,600	17,500	**89,770**
Total Public Works and Transportation	$ 2,475,876	$ 141,880	$ 154,156	$ 177,546	$ 159,914	$ 214,979	$ 848,475
Information Technology Projects	-	-	-	-	-	-	-
Facilities Maintenance Projects	80,201	-	-	-	-	-	
Equipment Management Projects	-	-	-	-	-	-	-
Short Term and Contracted Capital Projects	85,671	-	-	-	-	-	-
Total Administrative and Support	$ 165,872	$ -	$ -	$ -	$ -	$ -	$ -
Total of All Capital Project Types	$ 2,933,227	$ 141,880	$ 154,156	$ 177,546	$ 159,914	$ 214,979	$ 848,475

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

CITY OF TULSA
FISCAL YEARS 2027-2031 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

Funding Source	Est. Cost	FY27	FY28	FY29	FY30	FY31	Total
Future Bond Program	$ 398,116	$ -	$ -	$ -	$ -	$ -	**$ -**
Future Sales Tax	410,841	-	-	-	-	-	**-**
Water Enterprise	538,468	23,750	22,033	25,427	29,071	32,097	**132,378**
Water Revenue Bond	530,997	36,934	44,370	43,247	47,624	94,928	**267,103**
Sewer Enterprise	711,005	45,908	46,211	55,137	47,181	50,491	**244,928**
State Sewer Loan (SRF)	-	-	-	-	-	-	**-**
State Sewer Loan (FAP)	-	-	-	-	-	-	**-**
Sewer Revenue Bond	234,218	17,818	24,042	34,035	18,438	19,963	**114,296**
Storm Sewer Enterprise	79,882	11,470	9,000	14,700	9,600	15,300	**60,070**
Storm Sewer Revenue Bond	29,700	6,000	8,500	5,000	8,000	2,200	**29,700**
Total Funding by Source	**$ 2,933,227**	**$ 141,880**	**$ 154,156**	**$ 177,546**	**$ 159,914**	**$ 214,979**	**$ 848,475**

** 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.

CONSTRAINED VERSUS UNCONSTRAINED INVENTORY BY DEPARTMENT

Fiscal years 2027-2031

(amount expressed in thousands)

Project Type	Constrained Inventory	Unconstrained Inventory	Total
Police Department Projects	$ -	$ 119,601	$ 119,601
Fire Department Projects	37,488	255,200	292,688
Total Public Safety and Protection	**$ 37,488**	**$ 374,801**	**$ 412,289**
Park and Recreation Projects	12,870	157,983	170,853
Tulsa Zoo Projects	12,400	200,420	212,820
Gilcrease Museum Projects	-	55,419	55,419
Arvest Convention Center and BOK Center Projects	24,150	123,678	147,828
Performing Arts Center Projects	69,700	273,936	343,636
River Parks Projects	29,770	109,047	138,817
Total Cultural Development and Recreation	**$ 148,890**	**$ 920,483**	**$ 1,069,373**
Planning & Neighborhoods Department Projects	101,726	-	101,726
Economic Development Projects	3,375	35,508	38,883
Total Social and Economic Development	**$ 105,101**	**$ 35,508**	**$ 140,609**
Street and Expressway Projects	351,606	6,858,318	7,209,924
Water System Projects	1,069,465	522,335	1,591,800
Sanitary Sewer System Projects	945,223	761,574	1,706,797
Flood Control Projects	109,582	70,679	180,261
Metropolitan Tulsa Transit Authority (MetroLink) Projects	-	125,969	125,969
Total Public Works and Transportation	**$ 2,475,876**	**$ 8,338,875**	**$ 10,814,751**
Information Technology Projects	-	46,407	46,407
Facilities Maintenance Projects	80,201	220,948	301,149
Short Term and Contracted Capital Projects	85,671	-	85,671
Total Administrative and Support Services	**$ 165,872**	**$ 267,355**	**$ 433,227**
Total of All Capital Project Types	**$ 2,933,227**	**$ 9,937,022**	**$ 12,870,249**

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CITY OF TULSA
FISCAL YEARS 2027-2031 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	FY27	FY28	FY29	FY30	FY31	Total
	PUBLIC SAFETY AND PROTECTION							
	Fire Department							
1	Future Capital Projects	**37,488**	-	-	-	-	-	-
	Total Fire Department Projects	**37,488**	-	-	-	-	-	-
	TOTAL PUBLIC SAFETY AND PROTECTION PROJECTS	**37,488**	-	-	-	-	-	-
	CULTURAL DEVELOPMENT AND RECREATION							
	Park and Recreation Department							
2	Future Park and Recreation Projects	**12,570**	-	-	-	-	-	-
3	Future Park and Recreation Projects	**300**	-	-	-	-	-	-
4	**Total Park and Recreation Department Projects**	**12,870**	-	-	-	-	-	-
	Tulsa Zoo							
5	Future Tulsa Zoo Projects	**12,400**	-	-	-	-	-	
	Total Tulsa Zoo Projects	**12,400**	-	-	-	-	-	-
	Arvest Convention Center and BOK Center							
6	Future Arvest Convention Center and BOK Center Projects	**24,150**	-	-	-	-	-	-
	Total Arvest Convention Center and BOK Center Projects	**24,150**	-	-	-	-	-	-
	Performing Arts Center							
7	Future Performing Arts Center Projects	**69,700**	-	-	-	-	-	-
	Total Performing Arts Center Projects	**69,700**	-	-	-	-	-	-
	River Parks							
8	Future River Parks Projects	**29,770**	-	-	-	-	-	-
	Total River Parks Projects	**29,770**	-	-	-	-	-	-
	TOTAL CULTURAL DEVELOPMENT AND RECREATION PROJECTS	**148,890**	-	-	-	-	-	-
	SOCIAL AND ECONOMIC DEVELOPMENT							
	Planning & Neighborhoods Department							
9	Future Housing Projects	**101,726**	-	-	-	-	-	-
	Total Planning & Neighborhoods Department Projects	**101,726**	-	-	-	-	-	-
	Economic Development							
10	Future Economic Development Projects	**3,375**	-	-	-	-	-	-
	Total Economic Development Projects	**3,375**	-	-	-	-	-	-
	TOTAL SOCIAL AND ECONOMIC DEVELOPMENT PROJECTS	**105,101**	-	-	-	-	-	-
	PUBLIC WORKS AND TRANSPORTATION							
	Major Rehabilitation							
11	Arterial Street Rehabilitation Including Routine and Preventative	**159,695**	-	-	-	-	-	-
12	Arterial Street Rehabilitation Including Routine and Preventative	**64,578**	-	-	-	-	-	-
13	Non-Arterial Street Rehabilitation Including Routine and Preventative	**54,108**	-	-	-	-	-	-
14	Non-Arterial Street Rehabilitation Including Routine and Preventative	**29,646**	-	-	-	-	-	-
15	Bridge Rehabilitation Including Routine and Preventative	**4,800**	-	-	-	-	-	-
16	Bridge Rehabilitation Including Routine and Preventative	**14,240**	-	-	-	-	-	-
	Total Major Rehabilitation	**327,066**	-	-	-	-	-	-
	Traffic Engineering / Citywide Projects							
17	Traffic Engineering / Citywide Improvements	**15,710**	-	-	-	-	-	-
18	Traffic Engineering / Citywide Improvements	**8,831**	-	-	-	-	-	-
	Total Traffic Engineering	**24,541**	-	-	-	-	-	-
	Total Streets And Expressway Projects	**351,606**	-	-	-	-	-	-

All Dollars In Thousands

Funding Source	Priority FY27	Priority FY28	Comments	Ref.
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY26-30 timeframe	1
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY26-30 timeframe	2
Future Bond Program	High	High	Projects within approved capital programs and projected to be funded within the FY26-30 timeframe	3 4
Future Bond Program	High	High	Projects within approved capital programs and projected to be funded within the FY26-30 timeframe	5
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY26-30 timeframe	6
Future Bond Program	High	High	Projects within approved capital programs and projected to be funded within the FY26-30 timeframe	7
Future Sales Tax	Low	Low	Projects within approved capital programs and projected to be funded within the FY26-30 timeframe	8
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY26-30 timeframe	9
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY26-30 timeframe	10
Future Bond Program	High	High	Perform necessary rehabilitation on arterial streets as indicated through the Pavement Management System.	11
Future Sales Tax	High	High	Perform necessary rehabilitation on arterial streets as indicated through the Pavement Management System.	12
Future Bond Program	High	High	Perform necessary rehabilitation on non-arterial streets as indicated through the Pavement Management System.	13
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	14
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	15
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	16
Future Sales Tax	High	High	Installation of new signage, durable pavement markings and delineation of medians to improve safety and congestion on arterial streets.	17
Future Bond Program	High	High	Installation of new signage, durable pavement markings and delineation of medians to improve safety and congestion on arterial streets.	18

Ref.	Project	Est. Cost	FY27	FY28	FY29	FY30	FY31	Total
	Water System							
	Supply							
19	Source Water Protection and Management Program	**1,125**	-	-	563	-	562	**1,125**
20	Spavinaw Creek Bridge Replacement	**4,536**	-	4,278	-	-	-	**4,278**
21	Eucha, Spavinaw Water Quality Court Master	**3,998**	637	656	675	696	716	**3,380**
22	Eucha Dam Concrete Repairs	**656**	-	-	-	-	656	**656**
23	Raw Water Flowlines Repairs Spavinaw	**750**	250	-	250	-	250	**750**
24	Unruh Intake Valve Replacement	**2,265**	-	-	2,265	-	-	**2,265**
25	Oologah Pump Station Chemical Building	**175**	-	-	175	-	-	**175**
26	Grand River Pump Station Refurbishment	**8,240**	8,240	-	-	-	-	**8,240**
27	Grand River Pump Station Refurbishment	**895**	-	-	-	-	895	**895**
28	Raw Water Flowlines Repairs Oologah	**516**	-	258	-	258	-	**516**
29	Bird Creek Pump Station Flow Meter and Oologah Flowlines Valve Replacement	**579**	-	116	463	-	-	**579**
30	Raw Water SCADA System	**1,092**	1,092	-	-	-	-	**1,092**
31	Oologah Pump Station Upgrades	**1,004**	1,004	-	-	-	-	**1,004**
32	Oologah Pump Station Upgrades	**7,103**	-	7,103	-	-	-	**7,103**
33	Mohawk Pump Station 1 Upgrades	**519**	-	-	519	-	-	**519**
34	Mohawk Pump Station 1 Upgrades	**3,544**	-	-	-	3,544	-	**3,544**
35	Mohawk Pump Station 2 Upgrades	**5,273**	-	-	-	653	-	**653**
36	Oologahj Raw Water Expansion	**477**	-	477	-	-	-	**477**
	Total Supply	**42,747**	**11,223**	**12,888**	**4,910**	**5,151**	**3,079**	**37,251**
	Treatment and Pumping							
37	Mohawk WTP Electrical Reliability Improvements	**634**	-	-	-	634	-	**634**
38	Mohawk WTP Electrical Reliability Improvements	**7,947**	-	-	-	-	7,947	**7,947**
39	Mohawk WTP Plant Wide Electrical Rehabilitation	**4,963**	491	-	-	4,472	-	**4,963**
40	Mohawk WTP Residual Improvements	**371**	371	-	-	-	-	**371**
41	Mohawk WTP Residual Improvements	**16,435**	-	1,639	-	-	-	**1,639**
42	Mohawk SCADA Replacement	**5,475**	627	-	-	2,388	2,460	**5,475**
43	Mohawk Administrative & Education	**1,134**	-	-	137	-	997	**1,134**
44	Mohawk Chedmical Pipe Trench Improvement	**1,345**	-	-	-	113	1,232	**1,345**
45	A. B. Jewell Capacity Expansion to 150 MGD	**148,935**	-	-	17,892	-	34,778	**52,670**
46	A.B. Jewell -Chemical Feed Facilities Improvements	**4,280**	783	-	3,497	-	-	**4,280**
47	A.B. Jewell WTP Improvements - Residual Improvements Phase 2	**5,570**	5,570	-	-	-	-	**5,570**
48	A.B. Jewell WTP Electrical Reliability Improvements	**13,759**	-	-	-	-	13,759	**13,759**
49	A.B. Jewell WTP Electrical Reliability Improvements	**1,030**	-	1,030	-	-	-	**1,030**
50	A.B. Jewell WTP Filter Gallery Pipe and Concrete Replacement	**1,611**	-	-	-	-	1,611	**1,611**
	Total Treatment And Pumping	**213,489**	**7,842**	**2,669**	**21,526**	**7,607**	**62,784**	**102,428**

Funding Source	FY27	FY28	Comments	Ref.
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.	19
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.	20
Water Enterprise	High	High	Implementation of the Court Master Agreement for the Spavinaw/Eucha watershed.	21
Water Enterprise	High	High	The purpose of this project is to provide concrete repairs to the Eucha Dam.	22
Water Enterprise	High	High	Ongoing projects to assess, rehabilitate, and repair raw water flowlines and associated facilities.	23
Water Enterprise	High	High	Intake valves for AB Jewell WTP are located on the intake structure in Unruh Reservoir. All six intake valves are corroded and broken. Funds are for the replacment of all six intake valves to ensure functional operation of plant intake.	24
Water Enterprise	High	High	Improvements at Oologah Pump Station Chemical Bulding.	25
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.	26
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.	27
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. 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.	28
Water Enterprise			Flow Meter and large valve replacement at Bird Creek and Oologah Pump Stations	29
Water Enterprise	High	High	Ongoing maintenance of SCADA Systems for Raw Water.	30
Water Enterprise	High	High	Upgrades to Oologah Pump Station	31
Water Revenue Bond	High	High	Upgrades to Oologah Pump Station	32
Water Enterprise	High	High	Upgrades to Mohawk Pump Station 1	33
Water Revenue Bond	High	High	Upgrades to Mohawk Pump Station 1	34
Water Enterprise	High	High	Upgrades to Mohawk Pump Station 2	35
Water Enterprise	High	High	Expansion of Oologah Raw Water System	36
Water Enterprise	High	High	WTP needs additional backup power generation to ensure production capacity of 60 mgd if primary power supply (PSO) if offline.	37
Water Revenue Bond	High	High	WTP needs additional backup power generation to ensure production capacity of 60 mgd if primary power supply (PSO) if offline.	38
Water Enterprise	High	High	WTP has aging electrical infrastructure that is reaching the end of it's life cycle. Funding is for rehabilitation of existing electrical substations, automatic transfer switches (ATS), and motor control centers (MCC).	39
Water Enterprise	High	High	WTP needs replacement and rehabilitation of aging water treatment residual system equipment, including pumps, valves, backwash equipment, gravity thickeners, blend tank, and belt filter presses.	40
Water Revenue Bond	High	High	WTP needs replacement and rehabilitation of aging water treatment residual system equipment, including pumps, valves, backwash equipment, gravity thickeners, blend tank, and belt filter presses.	41
Water Enterprise	High	High	Replace the existing DCS SCADA system with a PLC-based SCADA system for monitoring and controlling plant operations. Current SCADA system is proprietary and difficult to operate and maintain, due to complexity.	42
Water Enterprise	High	High	Provided for education opportunities and the associate administrative costs.	43
Water Enterprise	High	High	Provided for plant improvements.	44
Water Revenue Bond	High	High	To increase the capacity of the A.B.Jewell Water Treatment Plant to 150 million gallons per day.	45
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	46
Water Enterprise	High	High	Provides for the funding of residual improvements in connection with Phase 3 at the A.B. Jewell Water Treatment Plant	47
Water Revenue Bond	High	High	WTP needs additional backup power generation to ensure production capacity of 60 mgd if primary power supply (PSO) if offline.	48
Water Enterprise	High	High	WTP needs additional backup power generation to ensure production capacity of 60 mgd if primary power supply (PSO) if offline.	49
Water Enterprise	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.	50

Ref.	Project	Est. Cost	FY27	FY28	FY29	FY30	FY31	Total
	Transmission and Distribution							
51	Transmission Main from A.B.Jewell - Phase 1	**108,461**	**2,884**	-	-	-	-	**2,884**
52	Large Water Valve and Vault Replacement	**743**	106	106	106	106	107	**531**
53	Transmission Line Condition Assessment-Citywide	**751**	250	-	251	-	250	**751**
54	Water Mains Relocations-Citywide	**17,342**	-	950	950	950	1,000	**3,850**
55	Water Mains Relocations-Citywide	**950**	950	-	-	-	-	**950**
56	Water Mains Replacement - City Wide - Revenue Bonds	**73,931**	14,884	16,508	15,600	17,034	9,635	**73,661**
57	Water Mains Replacements - City Wide-Enterprise Fund	**281,203**	-	-	2,594	3,000	11,000	**16,594**
58	Dead-End Connections and Extensions	**5,600**	350	350	350	350	350	**1,750**
59	Unserved Areas (Water)	**131**	-	-	-	131	-	**131**
60	Creek RWD 4 - Request to Aquire	**2,553**	-	-	274	929	-	**1,203**
61	East Tulsa Secondary System	**27,417**	2,060	-	-	25,357	-	**27,417**
62	Northwest Service Area Development	**14,859**	-	-	-	1,223	2,295	**3,518**
63	Utility Bridges Rehabilitation	**409**	-	100	-	100	-	**200**
64	West Tulsa Tank Rehabilitation	**6,814**	-	-	603	-	6,211	**6,814**
65	Turkey Mountain Tank Rehabilitation	**909**	-	-	116	-	793	**909**
66	South Tulsa Transmission Line, 60-inch	**9,425**	4,120	5,305	-	-	-	**9,425**
67	South Tulsa Transmission Line, 60-inch	**161,834**	-	-	-	-	14,781	**14,781**
68	Bixby Waterline, 24-inch	**3,200**	3,200	-	-	-	-	**3,200**
69	Bixby Waterline, 24-inch	**13,250**	-	13,250	-	-	-	**13,250**
70	Large Water Meters and Vault Replacement	**1,272**	212	212	212	212	212	**1,060**
71	Emergency Water Main Repair and Replacement	**2,200**	-	1,099	-	1,101	-	**2,200**
	Total Transmission And Distribution	**733,254**	**29,016**	**37,880**	**21,056**	**50,493**	**46,634**	**185,079**
	Areawide							
72	SCADA Assessment and Cybersecurity Analysis	**523**	258	265	-	-	-	**523**
73	SCADA Software & Hardware Replacement	**1,545**	1,545					**1,545**
74	SCADA Software & Hardware Replacement	**8,451**		1,592	1,640	1,689	1,739	**6,660**
75	Citywide AMI Network	**8,115**	-	-	8,115	-	-	**8,115**
76	Automatic Meter Reading - City Wide	**21,893**	10,300	-	-	-	11,593	**21,893**
77	Automatic Meter Reading - City Wide	**32,791**	-	10,609	10,927	11,255	-	**32,791**
78	Facility Roof Repairs Citywide	**4,157**	-	-	-	-	696	**696**
79	Economic Development Citywide	**2,000**	-	500	500	500	500	**2,000**
80	Economic Development Citywide	**500**	500	-	-	-	-	**500**
81	**Total Areawide**	**79,975**	**12,603**	**12,966**	**21,182**	**13,444**	**14,528**	**74,723**
	Future Unfunded Projects							
82	**Total Water System Projects**	**1,069,465**	**60,684**	**66,403**	**68,674**	**76,695**	**127,025**	**399,481**
	Sanitary Sewer System							
	Northside Plant							
83	Northside Digetster Sludge Heating Improvements	**5,474**	824	-	4,650	-	-	**5,474**
84	Northside WWTP DAF Thickening Improvements	**1,642**	-	184	-	1,458	-	**1,642**
85	Northside WWTP Digester Waste Gas Flare	**1,979**	-	-	-	-	222	**222**
86	Northside WWTP Aeration Basin Baffle Addition	**887**	-	112	775	-	-	**887**
87	Northside WWTP Aeration Basin & RAS Study	**8,866**	-	-	-	-	166	**166**
88	Northside WWTP Headworks HVAC BAS Modifications	**1,180**	-	-	-	225	-	**225**

Funding Source	FY27	FY28	Comments	Ref.
Water Enterprise	High	High	This is Phase 1 of expansion work for A.B. Jewell Water Treatment Plant.	51
Water Enterprise	High	High	Ongoing program to replace water meters citywide to support revenue assurance policies.	52
Water Enterprise	High	High	Monitor and evaluate transmission lines citywide. Funding may also be used to modify and improve entry for testing and monitoring.	53
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.	54
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.	55
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.	56
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.	57
Water Enterprise	High	High	Construct new waterlines as needed citywide to maintain circulation of water which reduces the possibility of degrading water quality and provides for stabilized pressures during normal water use and especially during fire flow events.	58
Water Enterprise	High	High	Provide water service to unserved, developed areas in response to citizen petitions.	59
Water Enterprise	High	High	Tulsa to acquire this RWD. Project will assess the repair, maintenance, and improvements necessary for the Creek 4 RWD to operate in accordance with City of Tulsa and ODEQ requirements.	60
Water Revenue Bond	High	High	East Tulsa area is highly sought after for residential and commercial development. Elevations in the area require service from a secondary system to provide water at sufficient pressure. Project includes master plan, pump station, elevated storage tank, and transmission mains for the new secondary service area.	61
Water Enterprise	High	High		62
Water Enterprise	High	High	This project will provide maintenance as needed for the Utility Bridges with City waterlines.	63
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.	64
Water Enterprise	High	High	The program fund is to identify and design maintenace remedies to maintain compliance with ODEQ, and OSHA entry requirements for an above grade concrrete tank.	65
Water Enterprise	High	High	New or upgraded water line	66
Water Revenue Bond	High	High	New or upgraded water line	67
Water Enterprise	High	High	New or upgraded water line	68
Water Revenue Bond	High	High	New or upgraded water line	69
Water Enterprise	High	High	Ongoing program to replace water meters citywide to support revenue assurance policies.	70
Water Enterprise	High	High	Ongoing program to emergency repair waterlines	71
Water Enterprise	High	High	Cybersecurity assessment of operational technology (OT) including system architecture updates, review of all previous work by outside consultants, onsite assessments of all existing infrastructure.	72
Water Enterprise	High	High	Update or replace SCADA software and hardware.	73
Water Revenue Bond	High	High	Update or replace SCADA software and hardware.	74
Water Revenue Bond	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.	75
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.	76
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.	77
Water Revenue Bond	High	High	General repairs and maintenance on facility roofs.	78
Water Enterprise	High	High	Design and Construct projects for problems located at various sites throughout the City.	79
Water Revenue Bond	High	High	Design and Construct projects for problems located at various sites throughout the City.	80
Deferred Funding			Future projects identified within Constrained Inventory, but not funded within FY26-30 timeframe.	81 82
Sewer Enterprise	High	High	This project includes a Conceptual design of the sludge recirculation and sludge heating system at the Northside Wastewater Treatment Plant. The conceptual design should consider customization to provide heating required for current and future digester loading including a heating system to serve all four current digesters. It is preferred that each digester would have a dedicated sludge recirculation pump, heat exchanger, and boiler located in the respective digester buildings or adjacent buildings.	83
Sewer Enterprise	High	High	This project would include design and installation of DAF saturation tanks, compressor system, and chain and flight equipment.	84
Sewer Enterprise	High	High	This project will build a new enclosed gas flare to improve safety and efficiency.	85
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.	86
Sewer Enterprise	High	High	This project is to install new aeration basin baffles at the Northside Wastewater Treatment Plant.	87
Sewer Enterprise	High	High	This project will modify and update Headworks Building HVAC Building Automation System (BAS) controls, monitoring, and alarming systems at Northside WWTP.	88

Ref.	Project	Est. Cost	FY27	FY28	FY29	FY30	FY31	Total
89	Northside/LBC WWTP Electrical Improvements	**3,261**	-	-	-	-	414	**414**
90	Northside FEB Concrete/Structural Repair	**2,372**	-	-	-	-	639	**639**
91	Hypochlorite Disinfecdtion Rehabilitation	**3,013**	478	-	2,535	-	-	**3,013**
92	North Stormwater Pump Station Rehabilitation	**907**	-	-	-	-	112	**112**
93	WPC Outside Facility Lighting, Security, & Access Improvements	**1,113**	-	-	-	-	138	**138**
94	Northside WWTP Waste Load Allocation Study	**350**	-	350		-	-	**350**
95	Northside Lift Station Capacity Upgrade	**440**	42	24	374	-	-	**440**
96	Northside Lagoon #5 Rehabilitation	**2,575**	2,575	-	-	-	-	**2,575**
97	Northside Interceptor Improvements	**2,000**	2,000	-	-	-	-	**2,000**
98	Northside Interceptor Improvements	**1,178**	1,178	-	-	-	-	**1,178**
99	Mingo Creek Rehabilitation and Relief	**24,606**	-	-	156	808	1,199	**2,163**
100	Jones/Douglass Rehabilitation and Relief	**9,061**	-	159	365	505	420	**1,449**
101	Flatrock Creek Rehabilitation and Relief	**5,849**	541	-	5,308	-	-	**5,849**
102	Flatrock Creek Rehabilitation and Relief	**88,122**	7,850	1,077	-	3,536	9,263	**21,726**
103	Coal Creek FEB Rehabilitation	**785**	785	-	-	-	-	**785**
104	Coal Creek Rehabilitation	**40,216**	803	5,625	2,160	-	5,431	**14,019**
105	Coal Creek Rehabilitation	**10,702**	-	-	-	10,702	-	**10,702**
106	**Total Northside Plant**	**216,578**	**17,076**	**7,531**	**16,323**	**17,234**	**18,004**	**76,168**
	Southside Plant							
107	Southside WWTP Intermediate Lift Station Rehabilitation	**8,187**	-	-	8,187	-	-	**8,187**
108	Southside WWTP Electrical Upgrades	**4,483**	-	555	-	3,928	-	**4,483**
109	Southside WWTP Digester Mixing System & WAS Improvements	**681**	-	-	681	-	-	**681**
110	Southside WWTP Digester Mixing System & WAS Improvements	**6,500**	-	-	-	-	6,500	**6,500**
111	Southside WWTP Concrete Rehabilitation and Replacement	**8,630**	8,630	-	-	-	-	**8,630**
112	Southside WWTP Aeration Basin Improvements	**2,210**	-	-	-	-	2,210	**2,210**
113	Southside WWTP Final Clarifier Improvements	**16,206**	803	-	-	-	-	**803**
114	Southside WWTP Final Clarifier Improvements	**1,931**	-	1,931	-	-	-	**1,931**
115	Southside WWTP Hypochlorite Disinfection Rehabilitation	**554**	554	-	-	-	-	**554**
116	Southside WWTP Hypochlorite Disinfection Rehabilitation	**35,274**	-	-	3,527	-	-	**3,527**
117	TWAS Storage Basin Cover Replacement & Structural Rehab	**780**	124	-	656	-	-	**780**
118	Southside WWTP Hydrogen Sulfide Assessment	**172**	-	-	-	-	172	**172**
119	King Place Sewer Main Extension	**1,135**	-	-	-	-	60	**60**
120	Southside Facility & Power Redundancy Study	**388**	312	-	76	-	-	**388**
121	Southside WWTP Primary Sludge Retrieval Modifications	**3,088**	-	-	-	-	629	**629**
122	RAS & WAS Pump Replacements (includes RAS VFDs)	**5,125**	-	-	813	-	4,312	**5,125**

Funding Source	FY27	FY28	Comments	Ref.
Sewer Enterprise	High	High	The project will involve replacing multiple MCC's, transformers and other electrical equipment in order to enhance reliability and upgrade equipment that is nearing the end of its useful service life.	89
Sewer Enterprise	High	High	This project will repair leaking concrete cracks; restore damaged sections of concrete; address the joints between concrete sections.	90
Sewer Enterprise	High	High	This project is to isolate each of the four Chlorine Contact Basins to control flow through each basin, to replace the existing sampling pump with an improved pumping system, and to replace the chemical storage tanks and fill panels so that staff can better monitor the filling of the chemical tanks.	91
Sewer Enterprise	High	High	This project will rehabilitate the existing North Stormwater Pump Station located at the Northside WWTP. Rehabilitation and equipment replacement is needed due to age and condition of the facility.	92
Sewer Enterprise	High	High	Rehabilitation and replacement of exterior and interior lighting, demolition of chemical feed equipment, security and access improvements.	93
Sewer Enterprise	High	High	Waste Load Allocation Study for expansion of the Lower Bird Creek (LBC) WWTP. This study would identify the allowable additional load discharged to Bird Creek due to the expansion of the LBCWWTP.	94
Sewer Enterprise	High	High	This project includes upgrades to lift station for capacity at Northside WWTP.	95
Sewer Enterprise	High	High	This project involves the rehabilitation of Lagoon #5 at the Northside Wastewater Treatment Plant	96
Sewer Enterprise	High	High	This project will rehabilitated Northside Interceptor using CIPP methods.	97
Sewer Revenue Bond	High	High	This project will rehabilitated Northside Interceptor using CIPP methods.	98
Sewer Enterprise	High	High	Provide added capacity to overloaded lines.	99
Sewer Enterprise	High	High	Provide added capacity to overloaded lines.	100
Sewer Enterprise	High	High	Provide added capacity to overloaded lines.	101
Sewer Revenue Bond	High	High	Provide added capacity to overloaded lines.	102
Sewer Enterprise	High	High	This project will rehabilitate the Coal Creek Flow Equalization Basin.	103
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.	104
Sewer Revenue Bond	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.	105
				106
Sewer Revenue Bond	High	High	Rehabilitate the intermediate lift station at the Southside WWTP. The intermediate lift station is a critical asset that conveys flow from the primary clarifiers to be further treated in the Secondary Process (Aeration and Final Clarification).	107
Sewer Enterprise	High	High	This project will replace aging infrastructure and increase redundancy	108
Sewer Enterprise	High	High	Install a new sludge mixing system for Digester 3 and Digester 4 at the Southside WWTP. Rehabilitate components of the Waste Activated Sludge (WAS) storage tank which is located at the Southside WWTP.	109
Sewer Revenue Bond	High	High	Install a new sludge mixing system for Digester 3 and Digester 4 at the Southside WWTP. Rehabilitate components of the Waste Activated Sludge (WAS) storage tank which is located at the Southside WWTP.	110
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.	111
Sewer Enterprise	High	High	This project would replace the Southside WWTP Aeration Basin	112
Sewer Enterprise	High	High	This project would rehabilitate the clarifiers, replace equipment/drives and implement improvements to reduce the solids buildup	113
Sewer Revenue Bond	High	High	This project would rehabilitate the clarifiers, replace equipment/drives and implement improvements to reduce the solids buildup	114
Sewer Enterprise	High	High	This project is to replace piping and valves from chemical tanks to feed pumps, level instruments and provide redundant heating.	115
Sewer Revenue Bond	High	High	This project is to replace piping and valves from chemical tanks to feed pumps, level instruments and provide redundant heating.	116
Sewer Enterprise	High	High	This project would include concrete repairs in the basin and the replacement of the existing FRP covers.	117
Sewer Enterprise	High	High	This project would provide for onsite H2S field testing and a technical memorandum (TM) to document recommendations to reduce corrosion impacts of H2S within the plant.	118
Sewer Enterprise	High	High	This project will provide sanitary sewer service to 25 residential properties.	119
Sewer Enterprise	High	High	This study would look at power generation, power quality as well as the electrical system and equipment of the Blower Building (including an electrical load study) to identify the cause and improvements necessary.	120
Sewer Enterprise	High	High	This project includes modifications to the Primary Clarifier Sludge Pit and suction piping.	121
Sewer Enterprise	High	High	This project will replace Southside WWTP RAS/WAS pumps are nearing the end of their useful life.	122

Ref.	Project	Est. Cost	FY27	FY28	FY29	FY30	FY31	Total
123	West Bank Interceptor Improvements	**7,043**	448	649	5,946	-	-	**7,043**
124	West Tulsa Rehabilitation & Relief	**78,499**	1,544	4,481	2,680	5,841	4,617	**19,163**
125	Upper Joe Creek - East Branch	**6,289**	526	489	-	5,321	206	**6,542**
126	Upper Joe Creek - East Branch -	**9,396**	-	-	5,218	-	-	**5,218**
127	Crow Creek Rehab and Relief	**18,338**	-	-	-	-	872	**872**
128	Crow Creek Rehab and Relief	**1,804**	-	1,804	-	-	-	**1,804**
129	**Total Southside Plant**	**216,713**	**12,941**	**9,909**	**27,784**	**15,090**	**19,578**	**85,302**
	Haikey Creek Plant							
130	Haikey Creek WWTP Waterline Loop	482	-	-	-	-	482	**482**
131	Haikey Creek Lift Station Improvements - Phase 4 Improvements	**14,142**	1,096	13,046	-	-	-	**14,142**
132	Haikey Creek WWTP Maintnance Office Build-Out	**500**	50	450	-	-	-	**500**
133	Haikey Creek SAMS Equipment Replacements	**3,340**	297	371	350	350	350	**1,718**
134	**Total Haikey Creek Plant**	**18,464**	**1,443**	**13,867**	**350**	**350**	**832**	**16,360**
	Lower Bird Creek WWTP							
135	LBC Wsaste Load Allocation Study	339	-	339	-	-		**339**
136	Rolling Hills Relief Sewer	**19,649**	869	1,080	-	-	-	**1,949**
137	Rolling Hills Relief Sewer	**7,185**	-	-	7,185	-	-	**7,185**
138	**Total Lower Bird Creek WWTP**	**27,173**	**869**	**1,419**	**7,185**	**-**	**-**	**9,134**

Funding Source	FY27	FY28	Comments	Ref.
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.	123
Sewer Enterprise	High	High	The project consists of a multi-year rehab and replacement project in the West Tulsa basin of the South slope 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.	124
Sewer Enterprise	High	High	The project consists of a multi-year rehab and replacement project in the Upper Joe Creek basin of the South slope 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.	125
Sewer Revenue Bond	High	High	The project consists of a multi-year rehab and replacement project in the Upper Joe Creek basin of the South slope 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.	126
Sewer Enterprise	High	High	The project consists of a multi-year rehab and replacement project in the Crow Creek basin of the South slope 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.	127
Sewer Revenue Bond	High	High	The project consists of a multi-year rehab and replacement project in the Crow Creek basin of the South slope 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.	128
				129
Sewer Enterprise	High	High	New or upgraded water line	130
Sewer Enterprise	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.	131
Sewer Enterprise	High	High	This project provides a safe, healthy and efficient office space for Haikey Creek WWTP Maintenance Staff. This office build-out includes: offices, restrooms, break room and storage room.	132
Sewer Enterprise	High	High	Replacement of plant capital at Haikey Creek Waste Water Treatment Plant	133
				134
Sewer Enterprise	High	High	This study would identify the allowable additional load discharged to Bird Creek due to the expansion of the LBCWWTP.	135
Sewer Enterprise	High	High	The project includes upgrades to the electrical equipment at Rolling Hills Lift Station.	136
Sewer Revenue Bond	High	High	The project includes upgrades to the electrical equipment at Rolling Hills Lift Station.	137
				138

Ref.	Project	Est. Cost	FY27	FY28	FY29	FY30	FY31	Total
	Wastewater System Misc. Improvements							
139	SCADA Software & Hardware Replacement	**10,762**	2,060	-	1,639	1,688	1,739	**7,126**
140	SCADA Software & Hardware Replacement	**2,122**	-	2,122	-	-	-	**2,122**
141	Private Property I/I Abatement Program	**17,324**	258	-	1,093	1,126	1,159	**3,636**
142	Private Property I/I Abatement Program	**1,061**	-	1,061	-	-	-	**1,061**
143	Lift Station Replacements or Upgrades - Enterprise	**47,125**	2,726	1,061	2,575	2,653	2,732	**11,747**
144	Lift Station Replacements or Upgrades - Enterprise	**1,624**	-	1,624	-	-	-	**1,624**
145	Jones/Douglas Priority Repairs	**371**	371	-	-	-	-	**371**
146	Jones/Douglas Priority Repairs	**5,240**	-	5,240	-	-	-	**5,240**
147	**Total Wastewater System Misc. Imp**	**18,385**	**5,415**	**11,108**	**5,307**	**5,467**	**5,630**	**32,927**
	Areawide Collection System							
148	Sewer Rehab Area Wide - Enterprise	**93,963**	3,607	3,520	5,040	5,766	5,999	**23,932**
149	Sewer Rehab Area Wide - Revenue Bond	**13,800**	3,500	3,800	2,500	2,000	2,000	**13,800**
150	SCADA Assessment and Cybersecurity	**523**	258	265	-	-	-	**523**
151	Wastewater Risk, Resiliency, & Emergency Response	**273**	-	-	273	-	-	**273**
152	Areawide Manhole Replacement	**27,238**	-	-	3,278	1,688	1,739	**6,705**
153	Areawide Manhole Replacement	**6,273**	3,090	3,183	-	-	-	**6,273**
154	Small Unsewered Area Mainline Extensions	**6,404**	515	530	546	563	580	**2,734**
155	Areawide Point Repairs	**46,854**	3,090	3,183	3,278	3,377	3,478	**16,406**
156	Street Package - Sewer Rehab Citywide	**58,317**	3,863	3,978	4,098	4,221	4,347	**20,507**
157	Force Main Condition Assessment	**9,310**	676	696	717	738	760	**3,587**
158	Interceptor Condition Assessment	**8,935**	750	750	750	750	750	**3,750**
159	Large Diameter Interceptor Manhole Rehabilitation Phase 1	**151**	-	-	-	151	-	**151**
160	Economic Development Wastewater Infrastructure	**4,000**	500	500	500	500	500	**2,500**
161	Manhole Condition Assessment and Rehabilitation Program	**54,162**	3,605	-	3,825	3,939	4,057	**15,426**
162	Manhole Condition Assessment and Rehabilitation Program	**3,713**	-	3,713	-	-	-	**3,713**
163	Emergency Sewer Repair, Rehabilitation and Replacement	**28,602**	2,200	2,200	2,201	2,200	2,200	**11,001**
164	RCP Interceptor Rehabilitation Phase 1	**11,245**	328	-	-	-	-	**328**
165	RCP Interceptor Rehabilitation Phase 1	**5,217**	-	-	5,217	-	-	**5,217**
166	DIP Interceptor Rehabilitation Phase 1	**1,686**	-	101	-	1,585	-	**1,686**
167	**Total Areawide Collection System**	**380,666**	**25,982**	**26,419**	**32,223**	**27,478**	**26,410**	**138,512**

Funding Source	FY27	FY28	Comments	Ref.
Sewer Enterprise	High	High	Update or replace SCADA software and hardware.	139
Sewer Revenue Bond	High	High	Update or replace SCADA software and hardware.	140
Sewer Enterprise	High	High	The project consists of an areawide multi-year rehab and replacement program to evaluate and abate Inflow and Infiltration from Private Sewer Laterals connected to the city's wastewater collection system.	141
Sewer Revenue Bond	High	High	The project consists of an areawide multi-year rehab and replacement program to evaluate and abate Inflow and Infiltration from Private Sewer Laterals connected to the city's wastewater collection system.	142
Sewer Enterprise	High	High	Lift Station Replacements or Upgrades - Enterprise	143
Sewer Revenue Bond	High	High	Lift Station Replacements or Upgrades - Enterprise	144
Sewer Enterprise	High	High	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. Work includes rehabilitation or replacement of manholes and gravity main sewer.	145
Sewer Revenue Bond	High	High	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. Work includes rehabilitation or replacement of manholes and gravity main sewer.	146
				147
Sewer Enterprise	High	High	Project reflects funds not allocated to a specific I&I Abatement project.	148
Sewer Revenue Bond	High	High	Project reflects funds not allocated to a specific I&I Abatement project.	149
Sewer Enterprise	High	High	Cybersecurity assessment of operational technology (OT) including system architecture updates, review of all previous work by outside consultants, onsite assessments of all existing infrastructure.	150
Sewer Enterprise	High	High	Develop a risk and resiliency plan that includes emergency response for all four wastewater treatment plants modeled after the requirements established by AWIA for water systems.	151
Sewer Enterprise	High	High	Annual replacement of manhole covers.	152
Sewer Revenue Bond	High	High	Annual replacement of manhole covers.	153
Sewer Enterprise	High	High	Unserved area projects.	154
Sewer Enterprise	High	High	Reflects estimate of need for short term infrastructure reinvestment.	155
Sewer Enterprise	High	High	Annual rehab and replacement of sewered areas.	156
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.	157
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 interceptor based on criticality.	158
Sewer Enterprise	High	High	Large Diameter Gravity Main Assessment provided rehabilitation recommendations for large-diameter gravity main sewer pipes and manholes in various locations in the TMUA collection system. Phase 1 includes rehabilitation or replacement of sanitary sewer manholes.	159
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.	160
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.	161
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.	162
Sewer Revenue Bond	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.	163
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	164
Sewer Revenue Bond	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	165
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	166
				167

Ref.	Project	Est. Cost	FY27	FY28	FY29	FY30	FY31	Total
168	**Total Sanitary Sewer System Projects**	**945,223**	**63,726**	**70,253**	**89,172**	**65,619**	**70,454**	**359,224**
	Stormwater							
169	Citywide Channel Erosion & Stabilizaton	**7,450**	2,000	400	3,100	1,700	-	**7,200**
170	Citywide Channel Erosion & Stabilizaton	**4,700**	1,000	1,500	-	-	2,200	**4,700**
171	Hager Creek - Storm Sewer Relief Line	**14,000**	5,000	4,000	5,000	-	-	**14,000**
172	Citywide Concrete Channel Rehabilitation	**7,650**	-	1,100	250	2,000	1,000	**4,350**
173	Small Drainage - Citywide FEMA buyout program	**3,600**	500	500	600	600	600	**2,800**
174	Citywide Economic Development	**2,600**	100	100	100	150	250	**700**
175	Citywide Detention Pond Rehabilitation	**3,600**	500	500	500	600	1,000	**3,100**
176	Citywide Rehabilitation and Replacement	**22,132**	1,570	4,550	1,900	2,400	3,350	**13,770**
177	Storm Sewer Extensions -Citywide	**15,250**	4,500	700	950	1,150	4,100	**11,400**
178	Storm Sewer Extension - Citywide	**11,000**	-	3,000	-	8,000	-	**11,000**
179	Transportation Projects - Stormwater	**7,300**	2,300	1,150	1,500	1,000	500	**6,450**
180	Transportation Projects - Stormwater	**10,300**			5,800		4,500	**10,300**
	Total Stormwater Projects	**109,582**	**17,470**	**17,500**	**19,700**	**17,600**	**17,500**	**89,770**
TOTAL PUBLIC WORKS AND TRANSPORTATION PROJECTS		**2,475,876**	**141,880**	**154,156**	**177,546**	**159,914**	**214,979**	**848,475**
ADMINISTRATIVE AND SUPPORT SERVICES								
	Asset Management Department							
181	Citywide Public Facilities Maintenance Projects	**77,376**	-	-	-	-	-	-
182	Citywide Public Facilities Maintenance Projects	**2,825**	-	-	-	-	-	-
	Total Asset Management Department Projects	**80,201**	-	-	-	-	-	-
	Short Term and Bond Issuance							
183	Short Term Capital	**84,204**						-
184	Bond Issuance Costs	**1,467**						-
	Total Short Term and Contracted Capital Projects	**85,671**	-	-	-	-	-	-
TOTAL ADMINISTRATIVE AND SUPPORT SERVICES PROJECTS		**165,872**	-	-	-	-	-	-
TOTAL CAPITAL PROJECTS INVENTORY		**2,933,227**	**141,880**	**154,156**	**177,546**	**159,914**	**214,979**	**848,475**

Funding Source	FY27	FY28	Comments	Ref.
				168
Stormwater Enterprise	High	High	Citywide Channel Erosion and Stabilization - Unmaintained natural creeks and deferred maintenance of improved channels threaten public safety and property.	169
Stormwater Revenue Bond	High	High	Citywide Channel Erosion and Stabilization - Unmaintained natural creeks and deferred maintenance of improved channels threaten public safety and property.	170
Stormwater Revenue Bond	High	High	Increasing Stormsewer capacity/elevating roadways	171
Stormwater Enterprise	High	High	City maintained improved channels continue to degrade increasing the cost of repairs every year deferred. Increased chance of catastrophic failures.	172
Stormwater Enterprise	High	High	Design and Construct projects for drainage problems located at various sites throughout the City.	173
Stormwater Enterprise	High	High	Design and Construct projects for drainage problems located at various sites throughout the City.	174
Stormwater Enterprise	High	High	City maintained improved channels continue to degrade increasing the cost of repairs every year deferred. Increased chance of catastrophic failures.	175
Stormwater Enterprise	High	High	Citywide Rehabilitation & Replacement	176
Stormwater Enterprise	High	High	Citywide Storm Sewer Extensions	177
Stormwater Revenue Bond	High	High	Citywide storm Sewer Extensions	178
Stormwater Enterprise	High	High	Design and Construct projects for drainage problems located at various sites throughout the City.	179
Stormwater Enterprise	High	High	Design and Construct projects for drainage problems located at various sites throughout the City.	180
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.	181
Future Sales Tax	High	High	Projects within approved capital programs and projected to be funded within the FY26-30 timeframe	182
Future Sales Tax	High	High	To replace miscellaneous capital equipment.	183
Future Bond Program	High	High	Bond sale related costs.	184