

Upcoming Design Projects - Fiscal Years (FY) 2027 to 2028 and Remaining FY 2026

Preliminary Design Project List - Remaining FY 2026

Water System Projects:

Project Name	Project Description	Construction Cost Estimate	Project Program Manager
Water System Capital Improvements Plan (CIP) Update	Delivery point water demand projection update, level of service evaluation, transmission system hydraulic and transient analysis, Wylie, Tawakoni, Leonard and Bonham Water Treatment Plants (WTPs) evaluation, WTPs and treated water transmission system CIP update	\$2M-\$5M	Yanbo Li
Long Range Water Supply Plan Update	Service area population/demand projection update, water supply needs update, potential water supply strategies evaluation, conceptual design of select strategies, and raw water system CIP update	\$2M-\$5M	Yanbo Li
Wylie Water Treatment Plant (WTP) II Pre-Treatment Improvements	Preliminary design to build a hydraulic model for WTP II to identify hydraulic bottlenecks, ferric system improvements, conduct a rapid mix study, develop flow split, polymer dosing, and flocculator alternatives, refine scope of condition-based improvements and develop a phasing plan.	> \$50M	John Fred Montgomery
Chemical System for Plants I, II, and III Enhanced Biologically Active Filters	Install hydrogen peroxide and phosphoric acid feed systems at Wylie WTPs I, II, and III.	\$2M-\$5M	John Fred Montgomery

Wastewater System Projects:

Project Name	Project Description	Construction Cost Estimate	Project Program Manager
Forney Lift Station Demolition	Demolition of all structures of the Forney Lift Station to 5-feet below grade. Removal of miscellaneous metal piping, equipment, valves, gates, electrical conduit, wiring, appurtenances, and similar equipment. NTMWD (District) to explore site potential to become surplus property.	< \$2M	Angela Pflanz
Lower East Fork Interceptor System (LEFIS) Lift Station Pump Addition	Expand the current 15 MGD firm Capacity Lift Station to 25 MGD firm Capacity.	\$2M - \$5M	Angela Pflanz
Conveyance System Supervisory Control and Data Acquisition (SCADA) Improvements	The conveyance system SCADA improvements project will include a Reliable Communication Study to evaluate alternative secure communication solutions for primary and back-up communication methods for all conveyance lift stations coming into the regional systems for centralized monitoring at the Wilson Creek Regional Wastewater Treatment Plant.	\$2M-\$5M	David Scott
Sister Grove RWRRF Operations Building Expansion and Maintenance Facility	Addition of a maintenance building with storage facility at the Sister Grove RWRRF. The structure will be utilized to store back up equipment, spare parts, and provide an area for all staff to perform preventive maintenance and repair of the facility's mechanical, electrical and instrumentation equipment.	\$6M - \$15M	David Clisch
Regional Rowlett Creek Wastewater Treatment Capacity Study	Study to review the upcoming Upper East Fork Interceptor System (UEFIS) Capacity Assessment and Assurance Report and the Plano and Richardson Master Plan to evaluate additional capacity and treatment alternatives for increased wastewater flows and loading.	< \$2M	Lauren Kubin

Upcoming Design Projects - Fiscal Years (FY) 2027 to 2028 and Remaining FY 2026

Preliminary Design Project List - Remaining FY 2026 (continued:)

Wastewater System Projects:

Project Name	Project Description	Construction Cost Estimate	Project Program Manager
South Mesquite Creek Regional Wastewater Treatment Plant (RWWTP) Plant I Blower Improvements	Replacement of Plant I Blowers and supporting improvements to provide reliable aeration air to Plant I's Aeration Basins (Nos. 1-6) to meet future plant demands per the South Mesquite Creek RWWTP Master Plan loading requirements	\$6M - \$15M	Angela Pflanz

Preliminary Design Project List - FY 2027 (October 2026 to September 2027)

Water System Projects:

Project Name	Project Description	Construction Cost Estimate
Lake Tawakoni High Service Pump Station and Intermediate Pump Station Improvements, Assessment 1	Condition-based mechanical and electrical improvements at Tawakoni Lake Raw Water Pump Station, Intermediate Raw Water Pump Station, Tawakoni Water Treatment Plant (WTP) High Service Pump Station and Forney to Terrell Pump Station.	\$16M-\$25M
Farmersville to East System Pipeline	Approximately 13 miles of 30-inch pipeline from Farmersville Pump Station to an East System connection near the North King Ground Storage Tank.	\$26M-\$50M
Water Transmission Pipeline Improvements	Pipeline improvements based on pipeline inspection results, including 60-inch McKinney Parallel Phase I Pipeline, 60-inch North Garland Pipeline, and 72-inch North Garland No. 2 Phase I Pipeline.	\$6M-\$15M
High Service Pump Stations 2-2 & 2-3 Improvements	Condition-based mechanical, electrical and instrumentation improvements at Wylie-Rockwall-Farmersville Pump Station and Wylie WTP High Service Pump Station 2-2 and 2-3.	\$6M-\$15M
Raw Water Pump Station No. 3 Dredging	Remove sediment from the lower intake area, restore selector gates to full functionality to enhance operational flexibility.	\$2M-\$5M
Chapman Lake Pump Station Upgrades	Condition-based mechanical and electrical improvements at Chapman Lake Raw Water Pump Station.	\$16M-\$25M
Texoma Pipeline Improvements, Phase III	Cathodic protection system for a section of Texoma Raw Water Pipeline.	\$2M-\$5M

Upcoming Design Projects - Fiscal Years (FY) 2027 to 2028 and Remaining FY 2026

Preliminary Design Project List - FY 2027 (October 2026 to September 2027 - continued:)

Wastewater System Projects:

Project Name	Project Description	Construction Cost Estimate
Lower Rowlett Creek Lift Station Improvements	Improvements to the lift station including pump replacements, piping improvements, and associated electrical equipment.	\$16M-\$25M
Sloan Creek and 121 Force Main Extensions	Pipeline extensions to connect Sloan Creek and 121 Force Main to the Wilson Creek Lift Station, approximately 400 linear feet including a new tunnel under the DART right of way.	\$2M-\$5M
Muddy Creek Wastewater Treatment Plant (WWTP) Peak Flow Improvements	Evaluate flow data and addition of peak flow storage at Muddy Creek Wastewater Treatment Plant.	\$26M-\$50M
McKinney Prosper Parallel Sewer, Phase II	Approximately 12,000 linear feet of 30-inch parallel gravity main to increase capacity to convey Prosper and McKinney flows to the Stover Creek Lift Station	\$16M-\$25M
Wilson Creek Regional Wastewater Treatment Plant (RWWTP) Administrative Building & Secondary Clarifier & Electrical Improvements	Improvements to the Wilson Creek RWWTP Administrative building, secondary clarifier and electrical improvements recommended by the Master Plan.	> \$50M
Renner Road Lift Station Expansion	Expand the lift station capacity from 18.2 MGD to 25 MGD to provide additional capacity for future flow within the wastewater conveyance system.	\$6M-\$15M
Upper East Fork Interceptor System (UEFIS) Bypass Connections at Prairie Creek and Plano Spring Creek No. 2 Lift Stations	Install new valves and bypass connections at Prairie Creek and Plano Spring Creek No. 2 Lift Stations for effective flow management during emergencies or routine maintenance activities.	\$2M-\$5M
Wilson Creek Lift Station Expansion, Phase II	Expand the lift station capacity to provide capacity for future flow within the wastewater system.	\$6M-\$15M
Upper East Fork Interceptor System Improvements	Rehabilitate lift stations, manholes, and interceptors in the UEFIS across several locations and interceptors.	\$16M-\$25M

Solid Waste System Projects:

Project Name	Project Description	Construction Cost Estimate
Sectors 6C & 6D Cell Construction	Includes minor excavation, grading, and a composite liner. The liner will also include the installation of leachate collection system.	\$2M-\$5M

Upcoming Design Projects - Fiscal Years (FY) 2027 to 2028 and Remaining FY 2026

Preliminary Design Project List - FY 2028 (October 2027 to September 2028)

Water System Projects:

Project Name	Project Description	Construction Cost Estimate
Cooper Pipeline Embankment Improvements near FM 3218 in Commerce, Phase II	Repair of 84-inch raw water pipeline at a creek crossing.	< \$2M

Wastewater System Projects:

Project Name	Project Description	Construction Cost Estimate
Tickey Creek Lift Station Expansion	Expand the lift station capacity from 40 MGD to 80 MGD to provide capacity for future flow within the wastewater system.	\$16M-\$25M
Tickey Creek Parallel Force Main	New parallel force main from the new Tickey Creek lift station (LS) to the Sister Grove Regional Water Resource Recovery Facility to provide capacity for future flow within the wastewater system.	> \$50M
Beck Branch Lift Station Expansion	Expand the lift station capacity from to provide capacity for future flow within the wastewater system.	\$6M-\$15M
Parker Creek Interceptor Expansion	Approximately 15,000 linear feet of parallel gravity main to increase capacity to convey Fate and Royse City flows to the Sabine Creek WWTP.	\$16M-\$25M
Panther Creek WWTP Administration and Maintenance Building Improvements	Addition to the existing Administration Building and new Maintenance building.	\$2M-\$5M
Lower White Rock Creek Lift Station Wet Well Improvements	Increase wet well active volume for AFD requirements and emergency storage capacity.	\$6M-\$15M
Frankford Road Trunk Sewer Improvements	Frankford Road interceptor Billing Meter rehabilitation or replacement.	< \$2M