Trinity River Authority of Texas
Fiscal Years 2025 - 2026 Anticipated Projects
NORTHERN REGION

System	Group	Project Name and Description	Driver[1]	Category	Project Phase[2] 2025	Project Phase[2] 2026
		CENTRAL REGIONAL WASTEWATER SYSTEM				
CRWS	Plant	**Odor and Corrosion Plan Update** The Authority has implemented numerous recommendations developed in previous master plans for odor control and corrosion management. These recommended improvements have remained consistent with our goal of reducing odors and protecting valuable infrastructure from deterioration and malfunction due to corrosion in the collection system and plant. This is an update to the last Odor and Corrosion Management Plan (October 2012) that will gauge the effectiveness of the improvements made and determine the next steps moving forward.	Public/ Customer Impact	P4		ST
CRWS	Plant	**North Roadway** Project includes repairs and replacement, as needed, for CRWS A when the Solids Improvement Phase IIIB construction project is completed.	Condition	P8	FA	PD/FD
CRWS	Plant	**Phase VII Rehabilitation** This project includes replacement of aging electrical infrastructure, including the substations at Pump Stations 6A and 7A, as well as consolidation of miscellaneous transformers where equipment may have been demolished. It also includes Variable Frequency Drive (VFD) replacements at Pump Station 13B, lighting improvements around the plant, adding a generator for the On-Site Storage Structure, rehabilitation of suction piping and valves in Pump Station 6A, scum collection at Primary Clarifiers 1-4, and the replacement of two blowers at Blower Building No. 1.	Condition	S1	MTSA	
CRWS	Plant	**Phase IV Solids Management Improvements** This project includes the replacement of existing dewatering for pre- and post-Thermal Hydrolysis Process (THP)/digestion. It will provide additional capacity to manage solids through 2075. A new building will be constructed to hold an anticipated 12-16 centrifuges. Additionally, a fourth THP train is required to meet current demands and future flows. This will serve as a single, consolidated facility for all dewatering in order to provide maximum operational flexibility and ease of maintenance.	Capacity	P4	PD	FD
CRWS	Plant	**Chlorine and Sulfur Dioxide Containment Building** The project includes a containment building to house chlorine and sulfur dioxide railcars, feed equipment and a supplemental chlorine railcar storage building. The containment building will include scrubbers that are capable of scrubbing leaks or release of either stored chemical. The existing chlorine and sulfur dioxide feed systems have not been replaced since 1989. The new containment building will replace the staging and feed system and located on the northeast corner of the recently reclaimed west pond. New rail track spurs will be connected from the existing trackage to the containment building including two new setout tracks for exterior chemical railcar storage.	Employee Safety	S1	MTSA	
CRWS	Plant	**Nutrient Improvements** The project manages nutrient impacts from solids processing sidestreams. The THP concentrates nutrients, and when they are recycled back to the head of the plant, it can overwhelm the processes as well as cause struvite buildup. With the higher than expected loading trends seen at the plant, an additional digestion capacity with the installation of Digester No. 4 and Centrifuge No. 6 will alleviate the plant's ability to process increasing solids loading. The deammonification system would provide much needed operational flexibility and provisions for future expansion.	Regulatory	S1	MTSA	
CRWS	Plant	**Pump Stations 6 and 6A New Coarse Screen Improvements** This project includes replacing the 2.5-inch coarse screens with new coarse screens (3/8-inch to maximum of 1.5-inch bar spacing) at Pump Stations 6 and 6A, and replacing the screening conveyance system. Although the current coarse screening process is functioning as expected, once the fine screens are removed there is a need to provide adequate protection of the pumps at the influent pump stations. In addition, a more closely-spaced coarse screen will provide additional debris and rag removal, reducing the loading to the fine screens at Headworks A and Headworks B.	Condition	P4		PD/FD
CRWS	Plant	**On-Site Storage Basin (OSSB) and Equalization Basins (EQ) Rehabilitation and Replacement** The CRWS Triennial report and subsequent structural support technical memorandum identified that the OSSB and EQ Basins No. 1-6 within the CRWS facility are in need of rehabilitation and replacement. The OSSB has multiple heaved slab sections and joints to be replaced or repaired. Additionally, improvements to the motorized gates, hydraulic jump, gate sumps, wash down water cannons, pop-up valves, pressure relief system and underdrains were also identified. At EQ Basins No. 1-6, several improvements have been identified including replacement of isolation butterfly valves, influent gates, repair of leaking joints and a repair of a leaking drain line in EQ Basin 6. In addition, the MCC-3 switchgear has served beyond its useful life and needs to be replaced since the reduction in load was identified in the CRWS Arc Flash Study. Lastly, an ICM Inforworks hydraulic model of the plant will be created.	Condition	S1		MTSA

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CRWS	Plant	**Analytical Laboratory Services Complex** The existing analytical laboratory is undersized to house current instruments, samples, staff, and to support customer cities' increasing testing and more stringent regulatory requirements. The new laboratory complex will also have the capability to test for perfluorakyl and polyfluoroalkyl substances (PFAS) and serve as a centralized location for the Authority's Environmental Services staff and equipment. The new multi-use facility will provide sufficient open space for storage and training. The study includes space needs assessment, workflow analysis and traffic flow master planning to meet current and future needs.	Capacity	S1		MTSA
CRWS	Plant	**Fuel Utilization Improvements - Atmos Agreement** This Agreement between the Authority and Atmos Energy Corporation (Atmos) will provide for a meter station and high pressure gas pipeline (designed and constructed by Atmos) to inject renewable natural gas into Atmos' high pressure transmission network and supplement the natural gas supply to CRWS.	Resiliency	S1	MTSA	
CRWS	Plant	**Fuel Utilization Improvements - Natural Gas Loop** The project includes final design of an on-site natural gas loop and coordination with Atmos for connection of the high capacity line to the natural gas loop. The project will also tie the natural gas distribution system into the natural gas loop.	Capacity	S1	MTSA	
CRWS	Plant	**Fuel Utilization Improvements - Biogas Processing Facility Electrical Substation** The proposed on-site biogas processing project at CRWS will be a private-public partnership, which requires a new electrical substation unit to power the gas conditioning facility.	Capacity	S1	MTSA	
CRWS	Pipeline	**West Fork Interceptor Rehabilitation, 7315W-6511W (CAC-3A)** Rehabilitation or replacement of approximately 20,100 linear feet (LF) of 78-inch unlined reinforced concrete pipe (RCP) in the West Fork Interceptor System, north of Green Oaks Boulevard and west of State Highway 360 in the city of Arlington.	Regulatory	P6B		PD
CRWS	Pipeline	**Bear Creek Interceptor Relief, Phase 2 (Upstream)** This project consists of the replacement of approximately 9,900 LF of deteriorating parallel 54- and 84-inch unlined RCP. Improvements include the replacement of meter stations MS4_0B and MS6_0B, as well as two new inverted siphons at major creek crossings. This project generally parallels Bear Creek from Belt Line Road to Hunter Ferrell Road within the cities of Irving and Grand Prairie.	Condition	S1		MTSA
CRWS	Pipeline	**Elm Fork Interceptor Rehabilitation, 2705E-1530E (CAC-9)** CAC-9 includes rehabilitation or replacement of approximately 6,600 LF of unlined RCP ranging in size from 42- to 90-inches in diameter, parallel to Elm Fork of the Trinity River. CAC-9 begins north of W. Northwest Highway and continues south to MS8.0E to the west of Tom Braniff Drive (near city limits between Irving and Dallas).	Condition	P6B	PD	FD
CRWS	Pipeline	**Erosion Site Rehabilitation, Phase 1** This project includes bank stabilization improvements at erosion sites identified as part of CRWS Stream Bank Erosion GIS Aerial review and Surface Inspection. Phase 1 includes two sites located within the Bear Creek interceptor system. Both sites, Site 19C (880B-885B) and Site 20C (905B-915B), are located in the city of Euless's McCormick Park.	Condition	S1	MTSA	
CRWS	Pipeline	**Erosion Site Rehabilitation, Phase 2** This project includes bank stabilization improvements at erosion sites identified as part of CRWS Stream Bank Erosion GIS Aerial review and Surface Inspection and sites identified by the Authority's Collection System Group. Phase 2 includes nine sites (2150J, 310J, 3170J, 8280W, 25C/26C, 13-17WF, 32C, 11-03BC and 11-04BC) located within the Bear Creek, Jefferson Tunnel, and West Fork interceptor systems.	Condition	P9B	PD/FD	
CRWS	Pipeline	**West Fork Interceptor Rehabilitation, 690W-6511W (CAC-3B)** CAC- 3B includes rehabilitation or replacement of approximately 15,000 LF of unlined RCP ranging in size from 48- to 66-inches in diameter. CAC-3B is located in the city of Arlington near the Viridian development to north of Green Oaks Boulevard between Highway 360 and Collins Street.	Condition	P6B		PD
CRWS	Pipeline	**Meter Station Rehabilitation Group 3 (7_0B, 8_0B, 11_0E)** Rehabilitate or replace meter stations MS 7_0B (Irving), MS 8_0B (Irving), and MS 11_0E (Dallas).	Condition	S1	MTSA	
CRWS	Pipeline	**Meter Station Rehabilitation Group 4 (2_0M, 7_0J, 9_0J)** Rehabilitate or replace meter stations MS 2_0M (Dallas), MS 7_0J (Arlington), and MS 9_0J (Grand Prairie).	Condition	S1		MTSA
CRWS	Pipeline	**Lift Station LS_7M Improvements** The Lift Station LS_7M Improvements project includes the replacement of existing lift station LS_7M with a new 20 Million Gallon per Day (MGD) facility. The new LS_7M facility will be located adjacent to the existing facility site. The existing LS_7M will be taken out of service upon completion of construction.	Condition	S1	MTSA	

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System	Group	Project Name and Description	Driver[1]	Category	Project Phase[2] 2025	Project Phase[2] 2026
CRWS	Pipeline	**Lift Station LS_5A and Force Main** Capacity and condition improvements to Lift Station LS_5M and approximately 12,000 LF of 30-inch relief force main located in the city of Grand Prairie, west of Joe Pool Lake in the Mountain Creek Interceptor System.	Capacity	P7	PD	FD
CRWS	Pipeline	**Bear Creek Relief Interceptor Segment 16BC-1 and Meter Station Rehabilitation MS 9_0B** This project consists of the replacement of 4,515 LF of 42- to 54-inch unlined RCP interceptor identified as Segment 16BC-1 and the rehabilitation of meter station MS 9_0B.	Capacity	P6A		PD
CRWS	Pipeline	**20MC-1** Installation of approximately 14,800 LF of a new parallel relief interceptor adjacent to the existing 54-inch fiberglass reinforce pipe (FRP) interceptor. The project extends from northwest of the intersection of State Highway 360 and Holland Road to Lift Station No. 5A in the Mountain Creek System, parallel to Joe Pool Lake in the city of Grand Prairie.	Capacity	P6A		PD
CRWS	Pipeline	**20MC-2** Installation of approximately 12,300 LF of new parallel relief interceptor adjacent to the existing 96-inch FRP interceptor. The project extends from north of the intersection of Mountain Creek Parkway and Grady Niblo Road to west of the intersection of Mountain Creek Parkway and Merrifield Road, parallel to Mountain Creek Lake in the city of Dallas.	Capacity	P6A		PD
CRWS	Pipeline	**09MC-FM** Replacement of approximately 11,000 LF of 36-inch force main in the Mountain Creek Interceptor System. The 09MC-FM project is located in the city of Grand Prairie, beginning at Lift Station 5 (LS_5M) and discharging into the gravity system near the intersection of Sweetbriar Lane and Lynn Road.	Capacity	P7		PD
CRWS	Pipeline	**Elm Fork Interceptor Rehabilitation and Replacement, Phase 2B, CAC-8A** Replacement of the existing unlined RCP along the Luna Road corridor between Valwood Parkway and Beltline Road with a new interceptor. Phase 2B consists of approximately 7,000 LF of pipeline up to 78-inches in diameter and includes multiple creek crossings and the railroad crossing at the northernmost portion of the project. Phase 2B is part of the overall program management of CAC 7, 8A, and 8B.	Condition	S1		MTSA
CRWS	Pipeline	**Elm Fork Interceptor Rehabilitation and Replacement, Phase 3A, CAC-8B** Replacement of the existing unlined RCP located in the city of Carrollton along the Beltline Road corridor between Luna Road and Hutton Drive with a new interceptor. Phase 3A consists of approximately 2,700 LF of pipeline up to 48-inches in diameter. Phase 3A is part of the overall program management of CAC 7, 8A, and 8B.	Condition	S1		MTSA
CRWS	Pipeline	**Elm Fork Interceptor Rehabilitation and Replacement, Phase 3B, CAC-8B** Replacement of the existing unlined RCP along the Hutton Drive corridor between Valley View Lane and Beltline Road with a new interceptor. Phase 3B consists of approximately 12,500 LF of pipeline up to 42-inches in diameter, including both open-cut and slip-lining construction methods. Phase 3B is part of the overall program management of CAC 7, 8A, and 8B.	Condition	P6A	FD	
CRWS	Pipeline	**CRWS Feed 2 Interceptor** Installation of approximately 3,500 LF of new 96-inch FRP gravity relief interceptor parallel to the existing 110-inch WF-1 interceptor, located on the Authority's treatment plant property within the city of Grand Prairie. CRWS Feed 2 will convey all Mountain Creek Interceptor System flows to the CRWS treatment plant. This project also includes the connection and activation of the upstream 90-inch pipeline installed as part of the 30MC-1 project.	Capacity	S1	MTSA	
CRWS	Pipeline	**10WF-1 West Fork Interceptor** The 10WF-1 project will rehabilitate or replace a segment of the existing 66-inch unlined RCP West Fork Interceptor in Grand Prairie, originally constructed in 1975. The segment is in poor condition due to hydrogen sulfide corrosion. The 10WF-1 project begins near the Belt Line Road/Interstate Highway-30 (IH-30) intersection and extends approximately 2,500 LF to the east.	Capacity	P6B	PD	FD
CRWS	Pipeline	**Collection System - Condition Assessment** This project includes the biennial condition assessment program within the CRWS collection system. The condition assessment will monitor corrosion within the system to enhance ongoing preventative maintenance efforts and identify areas of concern for the Capital Improvement Program.	Condition	P10B	FA	
CRWS	Pipeline	**DCURD 30-inch Reuse Water Line Replacement** Replacement of approximately 3,900 LF of the 30-inch DCURD water pipeline located along the Elm Fork of the Trinity River. The replacement pipeline will be realigned due to several recent streambank failures and emergency repairs along the Elm Fork.	Condition	S1	MTSA	

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		DENTON CREEK REGIONAL WASTEWATER SYSTEM				
DCRWS	Plant	**Dewatering Improvements** The project is expanding the dewatering capacity for DCRWS and including additional odor control. The existing biosolids dewatering consists of two centrifuges that dewater secondary sludge. The DCRWS Treatment Plant Expansion to 16.5 MGD includes the addition of primary filters to uprate the secondary system. The primary sludge produced from the primary filters will increase the biosolids production and increase odors. Additional dewatering capacity is necessary to meet the new biosolids projections and new odor control measures are needed to maintain a positive neighborly relationship.	Capacity	S1		MTSA
DCRWS	Plant	**Emergency Power System and Uninterrupted Power Supply (UPS) Upgrades** Installation of two 15kV 2,250 kW Tier 2 diesel generators and associated transformers and switchgear located at the top end of the electrical distribution system to provide plant-wide backup power for 16.5 MGD AADF/75.5 MGD P2HF during a loss of commercial power. Evaluate UPSs that back up the supervisory control and data application (SCADA) equipment, such as programmable logic controllers (PLCs). The recommendations for resiliency of battery back-up will be completed system-wide at critical infrastructure, both at the plant and at lift stations.	Resiliency	S1	MTSA	
DCRWS	Plant	**Sludge Storage Expansion** This project will add one new primary sludge storage tank and one new waste activated sludge (WAS) storage tank. Piping modifications will allow the second WAS storage tank to receive aeration from an existing blower. Mixing and odor control will be provided for the primary sludge storage tank.	Capacity	P4		PD/FD
DCRWS	Plant	**White's Branch Parallel Outfall** The pipeline will include a new parallel 30-inch forcemain to the White's Branch meter station on Duncan Lane, except where it will connect to the 42-inch existing forcemain across the US Army Corp of Engineers (USACE) property, which was upsized to match the capacity of both the existing and new 30-inch forcemains. The project will also include a new parallel 36-inch gravity line along Duncan Lane and then along the easement across private property to the outfall on White's Branch.	Capacity	P6A		PD
DCRWS	Plant	**Advanced Secondary System Improvements** The purpose of this project is to expand the secondary system capacity of the plant. The capacity of DCRWS is limited more so by loads than flows. This project includes the construction of Aeration Basins No. 6 and No. 7 and membrane bioreactor (MBR) Unit 2.	Capacity	S1	MTSA	
DCRWS	Pipeline	**DCRWS Collection System Master Plan, Phase IV** Collection System Master Plan, Phase IV update to the DCRWS Infiltration and Inflow (I/I) Assessment, Phase III includes updates to service areas, population and flow projections from customer cities; flow monitoring, rainfall and I/I analysis; update and re-calibration of the hydraulic model; and development of capital improvement projects.	Capacity	P10B		FA
DCRWS	Pipeline	**MS8_0HC, MS8_5HC, MS9_0HC, MS11_0HC, MS 12_0HC** This project includes the replacement of five meter stations MS8_0HC, MS8_5HC, MS9_0HC, MS11_0HC, and MS12_0HC. Improvements also include upstream and downstream piping replacements as necessary to accommodate the new meter stations.	Condition	S1	MTSA	
DCRWS	Pipeline	**15CB-1 Cade Branch LS, East Leg Interceptor, and Force Main Improvements** This project consists of approximately 8,000 LF of parallel 24- and 27-inch gravity pipeline and 2,300 LF of 24-inch force main to relieve the existing interceptor. The project also includes a new, relocated lift station LS_2C with wet well and pumping capacity improvements and a new meter station.	Capacity	S1		MTSA

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NL-JUSTIN	**NORTHLAKE-JUSTIN PROPORTIONAL SHARE**					
	Pipeline	**Denton Creek Interceptor, Phase I** The Denton Creek Interceptor, Phase I project includes approximately 12,000 LF of 54- to 60-inch gravity sewer pipe to provide wastewater collection service to the City of Justin and a previously unserved portion of the Town of Northlake. The project also includes a meter station to measure flows for Northlake. At its downstream end, the Denton Creek Interceptor Phase I project connects to the Henrietta Creek Interceptor just west of the DCRWS treatment plant. The project continues upstream to the northwest to its upstream endpoint just east of Interstate Highway-35W (IH-35W) and Dale Earnhardt Way.	Capacity	S1	MTSA	
	Pipeline	**Denton Creek Interceptor, Phase II-A** The Denton Creek Interceptor, Phase II-A project includes installation of approximately 10,700 LF of 42- to 48-inch sanitary sewer interceptor to provide wastewater collection service to Justin, as well as to a previously unserved portion of Northlake. The Phase II-A project includes a crossing of IH-35W as well as installation through a designated USACE Utility Corridor.	Capacity	S1		MTSA
	Pipeline	**Denton Creek Interceptor, Phase II-B** The Denton Creek Interceptor, Phase II-B project includes installation of approximately 11,300 LF of 36- to 42-inch sanitary sewer interceptor to provide wastewater collection service to Justin, as well as to a previously unserved portion of Northlake. The Phase II-B project also includes a billing meter station for Justin.	Capacity	S1		MTSA
MCRWS	**MOUNTAIN CREEK REGIONAL WASTEWATER SYSTEM**					
	PLANT	**Emergency Power System and UPS Upgrades** This project includes the installation of a plant wide emergency power generator at the treatment plant to provide resiliency to system to ensure wastewater is fully treated before discharging into the receiving stream during power outage. This project also includes replacement of UPSs within the plant that have exceeded their expected service life.	Resiliency	S1	MTSA	
ROCRWS	**RED OAK CREEK REGIONAL WASTEWATER SYSTEM**					
	Plant	**Plant Expansion from 6.0 to 9.0 MGD** Growth in the ROCRWS service area necessitates the expansion of the facilities at the plant. This project will expand the current annual average flow capacity from 6.0 MGD to 9.0 MGD. This project also includes an expansion to the Administration building. Additional working space for laboratory and staff is needed to keep pace with the growing plant.	Capacity	S1		MTSA
	Pipeline	**Red Oak Creek Interceptor Rehabilitation, Segments 40RO-2, RO-3.5 and RO-4, Phase 1** The 40RO-2, RO-3.5 and RO-4 project consists of approximately 29,100 LF of unlined RCP replacement. The existing pipe is in poor condition due to corrosion, and is undersized and unable to convey projected wastewater flows. The project was split into two phases to spread the financial burden over multiple years, and provide constructible segment lengths. Phase 1 includes replacement of the downstream segment (40RO-2), which consists of approximately 9,700 LF of 42- to 48-inch pipe, and includes tunneled crossings under IH-35E, State Highway 342 and the BNSF railroad.	Condition	S1		MTSA
	Pipeline	**DeSoto Glenn Heights Interceptor, RBC-4** This project includes the design and relocation of approximately 10,000 LF of sewer line. The portions of the sewer line affected by the roadway expansion project along Bear Creek Road in Glenn Heights must be relocated prior to the construction of the roadway. The project will also include replacement of the DeSoto meter station MSD2_0.	Condition	S1		MTSA
WC	**WALKER-CALLOWAY BRANCH OUTFALL TRUNK SEWER SYSTEM**					
	Pipeline	**Walker-Calloway Phase 5** Phase 5 includes the rehabilitation and replacement of approximately 5,900 LF of 27- to 33-inch unlined RCP along the Walker Branch.	Condition	S1	MTSA	

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System	Group	Project Name and Description	Driver[1]	Category	Project Phase[2] 2025	Project Phase[2] 2026
ON-CALL		**PDCA ON-CALL SERVICES**				
	PDCA	**On-Call Surveying Services** The Authority utilizes on-call surveying services to support the operation, design and construction of water and wastewater pipelines, water and wastewater treatment plants, and any other required surveying needs within the Authority by a licensed surveyor. The on-call surveying contracts have been used for grade verification on pipelines, manholes, and rock riprap slope protection; position and grade verification on foundation piers and associated rebar for structures; establishing easement boundary and staking permanent easements; and level A subsurface utility engineering (SUE).	As-needed	S1	MTSA	
	PDCA	**On-Call Materials Testing Services** The Authorify utilizes on-call Material Testing Services through certified laboratories to provide quality control/assurance of construction materials for the Authority's capital improvement projects (CIPs) on an as-needed basis. Typical services required include testing for concrete structural strength, aggregate gradation and backfill compaction.	As-needed	S1	MTSA	
TCWSP		**TARRANT COUNTY WATER SUPPLY PROJECT**				
	Plant	**Process Control System Upgrade** Project consists of replacement of obsolete equipment for in-plant instrumentation, remote site instrumentation, remote terminal unit (RTU) and cellular communication system installation that were indicated to be short-term items in the 2016 Master Plan.	Condition	S1		MTSA
	Plant	**Fourth Ozone Generator** This project includes the installation of a new fourth ozone generator at the water treatment plant (WTP) to increase disinfection efficiency, capacity, and taste and odor mitigation.	Regulatory	S1		MTSA
	Plant	**Ozone Generator No. 1 Replacement** The ozone system is critical to disinfection, taste and odor of the treated water. This project will replace the existing ozone generator no. 1, which has reached the end of its anticipated life. This project will include the design for ozone generator No.1, 2 and 3 replacement.	Condition	P1		PD
TCWSP	Plant	**Murphy Drive Pump Station (MDPS) Generator Improvements** This project includes the installation of two 3 MW back-up generators at the MDPS. This will serve the 100 MGD pump station replacement which began construction in 2023; these generators were originally part of the advertisement package, but due to limited funding, this scope was deferred.	Condition	S1	MTSA	
	Plant	**Emergency Power System and UPS Upgrades** Project involves the installation of three 15kV 2,500 kW Tier 2 diesel generators and associated switchgear located at the top end of the electrical distribution system to provide plant-wide backup power for 87 MGD of treated water and plant-wide backup power for 87 MGD of treated water production during a loss of commercial power.	Resiliency	S1		MTSA
	Plant	**High Service Pump Station Replacement** Due to the age and condition of the equipment, the 2021 Triennial Report identified the existing High Service Pump Station as needing replacement.	Condition	S1		MTSA
	Plant	**Flocculation/Sedimentation Basin and Clariflocculator Improvements** This project includes building a new flocculation and sedimentation basin, which will replace the need for Clariflocculators 1-4, in addition to rehabilitating Clariflocculators 5 and 6 with new spiral scraper mechanisms.	Condition	S1		MTSA
	Plant	**Clariflocculator and Washwater Recovery Basin Rehabilitation** This project includes replacement or rehabilitation of Washwater Recovery Basin Nos. 1, 3 and 4, and rehabilitating Clariflocculator Nos. 7-9 with new spiral scraper mechanisms.	Condition	S1	MTSA	
TCWSP	Distribution	**36-inch Cheek-Sparger Water Line and Road Improvements** This project includes the installation of approximately 18,000 LF of 36-inch treated water line from Brown Trail to Rio Grande Blvd. The project also includes the coordination of roadway, utility, drainage and trail improvements along Cheek-Sparger Road from Bedford Road to Heritage Avenue. Roadway improvements to be funded by Colleyville and Bedford.	Capacity	P2	PD	FD
	Distribution	**Distribution System – Condition Assessment** Project includes the development of a biennial condition assessment program within the TCWSP distribution system. The condition assessment will monitor corrosion within the system to enhance ongoing preventative maintenance efforts and identify areas of concern for the Capital Improvement Program.	Condition	P14		FA

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TMCRWS	**TEN MILE CREEK REGIONAL WASTEWATER SYSTEM**					
	Plant	**Coarse Screens** Coarse Screens will be installed upstream of fine screens to protect fine screens from large debris.	Condition	S1	MTSA	
	Plant	**Plant Rehabilitation B** The rehabilitation of aging infrastructure is recommended and necessary as equipment reaches the end of its useful life. This project includes the replacement of the Final Clarifier No. 1 mechanism, sluice gate actuator replacement at Junction Box 1 and Junction Box 1A. Equipment that was original in Blower Building 1 is also in need of replacement, and this includes three blowers and adding VFD for these blowers. Sludge Pump Station No. 1 has original valves in need of replacement. Recommended remaining projects from the 2019 Corrosion Management Plant are included as well. A new cloth filter will replace the existing sand media in Filter Nos. 1-4.	Condition	P4	PD	FD
	Plant	**New Administration Building and Operations Building Rehabilitation** Administration Building Rehabilitation to expand existing server room to accommodate equipment and modify lobby area and conference room.	Condition	P4	PD	FD
	Plant	**Maintenance Building Rehabilitation and Expansion** This project includes rehabilitating the Maintenance Building and adding a new warehouse.	Condition	P4		PD
	Plant	**Grit Removal Improvements** This project will optimize grit removal operation and include secondary grit removal.	Condition	P4	PD	FD
TMCRWS	**Pipeline**	**11-40TM-2 Relief Interceptor, Phase 2** The overall Segment 11-40TM-2 limits consists of approximately 16,000 LF of 72- to 78-inch diameter gravity relief interceptor to replace the existing parallel pipe system. Segment 11-40TM-2 follows Ten Mile Creek from south of the intersection of Watermill Road and Ferris Road to State Highway 45. Due to the large scope of improvements, the 11-40TM-2 project has been divided into two phases of construction. Phase 2 includes the remaining 8,300 LF of pipeline between the two sections of Phase 1 to complete the overall project.	Capacity	S1	MTSA	
	Pipeline	**11-40TM-3** This project includes the replacement of two parallel wastewater lines from 3380T to 3220T with approximately 12,000 LF of a single 72-inch FRP wastewater line. The parallel wastewater lines are under capacity and heavily corroded. The single 72-inch line will provide the additional capacity to convey existing and future wastewater flows.	Capacity	P6B	PD	FD
	Pipeline	**Erosion Site Rehabilitation, Phase 2** This project is comprised of four erosion sites determined to be the highest priority locations within the Ten Mile Creek interceptor system that require bank stabilization to protect existing infrastructure. Three of the sites, 13-47TM (1920T-1925T), 11T (210T-230T), and 12T (230T-250T) were identified in the 2009 and 2016 TMCRWS Stream Bank Erosion Surface Inspections and GIS Aerial Review reports. The final site, identified by the TMCRWS Corrosion Management Plan project in July 2023, is located downstream of manhole 700BB.	Condition	P9B	PD	FD
TMCRWS	**Pipeline**	**20-40TM-1** Segment 20-40TM-1 includes replacement of 10,500 LF of the existing unlined RCP parallel system with a single FRP pipe, with final pipe sizing to be determined during the preliminary design phase. In addition, a new meter station will be included to measure the total influent flows to the treatment plant.	Condition	S1		MTSA
	Pipeline	**TM-1 Relief Interceptor, Phase 2A** The TM-1 Phase 2A project consists of approximately 8,000 LF of 66-inch diameter gravity relief interceptor replacement to provide adequate capacity and address condition concerns.	Capacity	S1	MTSA	
	Pipeline	**TM-1 Relief Interceptor, Phase 2B** The TM-1 Phase 2B project scope consists of approximately 5,000 LF of 66-inch gravity relief interceptor, including trenchless installation across IH-35E. Improvements also include the replacement of DeSoto meter station (MS_DES).	Capacity	S1		MTSA

Notes:

(1) Project Drivers:

Capacity
Condition
Employee Safety
Public/Customer Impact
Regulatory
Efficiency
Resiliency
Security

(2) Project Phases:

ST - Study
FA - Field Assessment
PD - Preliminary Design Engineering
FD - Final Design Engineering
CA - Construction Administration
IN - Inspection (Internal Cost)

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SOUTHERN REGION

System	Group	Project Name & Description	Driver[1]	Category	Project Phase[2] 2025	Project Phase[2] 2026
HRWSS		**HUNTSVILLE REGIONAL WASTEWATER SYSTEM**				
	Raw Water	**Raw Water Transmission Improvements - Phase 1** This project is the first of three phases of the 48-inch Raw Water Transmission Improvements project to replace the 30-inch HRWSS raw water line. Phase 1 limits will be determined in the Preliminary Design Report and will be managed by a Program Manager.	Condition	P1		FD
	Distribution	**High Service Transmission Improvements - Phase 1** This is the first of four phases of the High Service Transmission Improvements project to supplement the 30-inch HRWSS transmission pipeline. Phase 1 includes approximately 10,000 LF of 48-inch transmission main.	Resiliency	P2		FD

Notes:

(1) Project Drivers:

Capacity	Regulatory
Condition	Efficiency
Employee Safety	Resiliency
Public/Customer Impact	Security

(2) Project Phases:

ST - Study	FD - Final Design Engineering
FA - Field Assessment	CA - Construction Administration
PD - Preliminary Design Engineering	IN - Inspection (Internal Cost)