



INTEGRATED PIPELINE PROJECT

QUARTERLY EXECUTIVE SUMMARY

December 2025



LP1IN Dredging

IPL PROGRAM MANAGEMENT

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TARRANT REGIONAL WATER DISTRICT (TRWD) and the **CITY OF DALLAS WATER UTILITIES (DWU)** have partnered to finance, plan, design, construct and operate the Integrated Pipeline (IPL) Project. The IPL Project is an integrated water delivery transmission system connecting Lake Palestine to Lake Benbrook with connections to Cedar Creek and Richland-Chambers Reservoirs integrating TRWD's existing pipelines and creating flexibility in delivery as well as quick response to fluctuating customer water demands. The IPL Project consists of 150 miles of pipeline, three new lake pump stations, and three new booster pump stations delivering a required capacity of 350 million gallons per day (MGD) of raw water to North Central Texas. TRWD and DWU currently serve over 4.1 million residents and the IPL will allow these agencies to continue supporting regional community and economic growth.

ACCOMPLISHMENTS

through 12.31.2025

GENERAL IPL PROGRAM OPERATIONAL STATUS

With the completion of all construction in Phase 1 and Phase 2 of the IPL Program, TRWD has now added redundancy and flexibility, as well as a new independent water supply source from Cedar Creek Reservoir.

As a standalone system, the new JCC1 Pump Station, together with the new IPL pipelines, reservoirs, booster pump station, interconnect facilities and pressure reduction station, has added 210 mgd capacity to TRWD's water supply capability all the way to the Arlington Outlet.

In addition to acting independently, the water from JCC1 can connect to the existing Richland Chambers pipeline at the S5X15 Interconnect facility, and to both the Richland Chambers and Cedar Creek pipelines at the S2X12 Interconnect facility and the S1X10 Pressure Reduction facility.

The construction projects that are now complete and fully operational are:

- S5X15 Interconnect
- Pipeline Sections 15-1 and 15-2
- JB3R Suction Reservoir
- JB3 Booster Pump Station with Electrical Substation
- Pipeline Section 14
- Midlothian Balancing Reservoir
- Pipeline Sections 12 and 13
- Pipeline Sections 10 and 11
- S1X10 Pressure Reduction Station
- JCC1 Pump Station with Electrical Substation
- Pipeline Sections 17 and 18
- Pipeline Section 17 Trinity River Tunnel

CURRENT PROJECT UPDATES

PL19TUN (Cedar Creek; SH 31; Hollywood Lake; Stream A; SH 151/ Frankston ISD Tunnels for Pipeline Sections 19-1 & 19-2)

• Open Cut

» Open Cut Pipe Installation is complete.

» Completed welding joints and grouting of all pipe joints.

» ROW Topsoil Replacement is complete.

» All Hydrostatic testing has been completed successfully.

» ROW restoration, fence and gate installation, access drive installation, CP installation, appurtenance installation ongoing.

» League Line Road Repaving complete.

• Cedar Creek Tunnel

» Tunnel and tunnel pipe installation is complete.

• Royal Blvd

» Tunnel and tunnel pipe installation is complete.

• Hollywood Lake Tunnel

» Tunnel and tunnel pipe installation is complete.

• Stream A

» Tunnel and tunnel pipe installation is complete.

• SH 155

» Tunnel and tunnel pipe installation is complete.

LP1 INTAKE (Intake Structure and Channel for Lake Palestine Pump Station)

• Completed backfill operations around the Pump Station and Wingwalls.

• Completed construction of the intake slopes and placement of riprap.

• Completed hydrostatic testing and operator training for the Bulkhead Gates and Blank Panels.

• Conducted a final walkthrough of the Wet Well and Intake Channel interiors with the Engineer.

• Open Cut Pipe Prove Out Scheduled 1/8/2026.

• Flooded the Intake Channel and Wet Well structure on October 28, 2025.

• Initiated Phase 2 dredging activities on November 6, 2025.

• Contractor continues to work on installing miscellaneous metal install on the top deck.

PL192A (Section of 84" Pipe between Lake Palestine Pump Station and PL19TUN Project)

• Continued to install SWPPP – silt fences, check dams and construction entrances.

• Open Cut Pipe Installation – 7,007ft installed this quarter.

• Continued receiving OC pipe – 5,968ft delivered this quarter.

• Continued to Clear ROW – 3,500ft cleared this quarter.

• Continued ROW Topsoil Replacement – 9,340ft replaced this quarter.

• Continued welding joints, 2,367ft welded this quarter.

• Completed Stream B Launch Shaft - Retrieval Shaft 50% complete.

• Completed Utility Crossing 1 Launch and Retrieval Shafts.

PL191A (Section of 84" Pipe between Lake Palestine Pump Station and PL192A Project)

• Continued to Clear ROW – 12,100ft cleared this quarter.

• Continued to install SWPPP – 10,700ft installed this quarter.

• Began receiving OC pipe – 7,735ft delivered this quarter.

• Open Cut Pipe Prove Out Scheduled 1/8/2026.

LP1HV (Lake Palestine PS High Voltage Electrical Substation)

• Completed drilling all piers for the substation. Contractor continues to place pier caps.

• Completed placing concrete for Transformer Slab 1 and 2.

• Continue to work on Control House slab and breaker pads.

• Prepare site for structural steel delivery February 2026.

PL19MT (Sections of 84" Pipe between PL19-2 and PL19-1)

• Notice to Proceed Issued 11/5/2025

• Submittal Review ongoing

• Clearing for site offices began 12/2/2025

• Silt fence, wooden privacy fence, and construction entrance installed at the site office location

IPL PHASE 4 DESIGN PROGRESS

FNI - ENVIRONMENTAL

• Working on obtaining NEPA permit for LP1 Microwave tower

• Completed Section 16 geomorphology survey.

FNI - SECTION 16

• Geotechnical boring coordination on-going

AECOM PROGRAM WIDE SERVICES

(hydraulic modeling, Geotech, survey, local permitting)

• High-capacity scenarios are being developed.

JACOBS - JRC1

• Marine and land geotechnical borings were performed.

FNI - JB2 RESERVOIR

• Cell configuration has been determined

CDM SMITH - JB2

• Site configuration has been determined

IPL OWNER FURNISHED EQUIPMENT UPDATE

OFE13PMD - PUMPS, MOTORS, AND DRIVES FOR LP1

• Held pre-construction meeting

• Received Shop Drawings for Pumps

• Purchase Orders for Motors and Variable Frequency Drives has been issued.

OFE12V

• Large diameter valve shop drawings have been reviewed.

PROJECT SCHEDULE

PROJECT COMPONENTS	2025				2026				2027				2028			
	Q1	Q2	Q3	Q4												
PL19TUN CONSTRUCTION																
LP1 INTAKE CONSTRUCTION																
PL192A CONSTRUCTION																
PL19MT CONSTRUCTION																
PL191A CONSTRUCTION																
LP1HV CONSTRUCTION																

IPL CONSTRUCTION, OWNER-FURNISHED EQUIPMENT, CMIT, ENGINEERING, STUDY, ROE, LAND, LEGAL AND SUPPORT SERVICES				
PROJECTS	CONTRACTORS PRIME	CONTRACT PRICE	INVOICED TO DATE	COMPLETED %
Construction: Active and Completed		\$1,271,509,589	\$1,019,648,844	80.19%
Active-Construction		\$580,687,343	\$328,826,599	56.63%
Section 19 Long Tunnel Crossings	TRAYLOR SUNDT JOINT VENTURE	\$221,719,065	\$210,605,833	94.99%
Lake Palestine PS LP1IN Package 1	BAR CONSTRUCTORS INC	\$54,114,883	\$45,570,005	84.21%
Section 192A Open Cut Pipe Installation	BAR CONSTRUCTORS INC	\$73,789,284	\$36,729,555	49.78%
Lake Palestine PS HV 138 KV FEA / Transmission	ONCOR ELECTRIC DELIVERY COMPANY LLC	\$21,500,000	\$21,300,300	99.07%
Section 191A Open Cut Pipe Installation	BAR CONSTRUCTORS INC	\$69,655,521	\$12,266,792	17.61%
LP1HV-138kV High Voltage Substation	LAMBDA CONSTRUCTION I, LTD	\$12,435,850	\$2,354,113	18.93%
Section 19 Micro Tunnel-Five Tunnel	MCKEE UTILITY CONTRACTORS LLC	\$127,472,740	-	0.00%
Completed-Construction		\$690,822,245	\$690,822,245	100%
Active and Completed : Owner Furnished Equipment		\$65,420,155	\$40,501,865	62%
Active- Owner Furnished Equipment		\$47,114,566	\$22,196,276	47%
OFE03GV-PL152JB2JB3MBR	BLACKHALL ENGINEERING LIMITED	\$6,278,388	\$6,228,595	99%
OFE07PMD-JB3	PENTAIR FLOW TECHNOLOGIES, LLC	\$11,314,359	\$9,640,573	85%
OFE11GV -JCC1	BLACKHALL ENGINEERING LIMITED	\$1,788,958	\$1,755,807	98%
OFE13 PMD	TERMOMECCANICA POMPE-TRILLIUM FLOW TECHNOLOGIES	\$16,758,791	\$4,571,301	27%
OFE12V	MUNICIPAL VALVE AND EQUIPMENT COMPANY, INC	\$10,974,071	-	0%
Completed Owner Furnished Equipment		\$18,305,589	\$18,305,589	100%
Construction Materials Inspection and Testing-CMIT		\$20,177,534	\$13,457,751	67%
Active-Construction Materials Inspection and Testing-CMIT		\$8,420,810	\$1,701,125	20%
Section 19 Long Tunnel Crossings CMIT-Pipe and Coatings	ACCURATE INSPECTIONS INC	\$717,000	\$448,818	63%
Section 19 Long Tunnel Crossings CMIT - CWI	STEEL INSPECTORS OF TEXAS INC	\$375,000	\$110,035	29%
Section 19 Long Tunnel Crossings CMIT-Soils/Concrete	ETTL ENGINEERS AND CONSULTANTS INC	\$150,311	\$144,695	96%
LP1IN Package 1 CMIT	ALLIANCE GEOTECHNICAL GROUP	\$879,703	\$467,340	53%
Section 192A OPEN CUT CMIT-Pipe and Coatings	ACCURATE INSPECTIONS INC	\$358,248	\$44,019	12%
Section 192A OPEN CUT CMIT-Soils/Concrete	KLEINFELDER CENTRAL INC	\$947,790	\$395,224	42%
Section 192A OPEN CUT CMIT-CWI	STEEL INSPECTORS OF TEXAS INC	\$355,000	\$22,055	6%
Section 19MT, LP1 PK2, PL191D, & OFE CMIT Pipe and Coatings	ACCURATE INSPECTIONS INC	\$1,895,527	\$20,468	1%
Section 191A- CMIT TWDB fund 164-Pipe and Coatings	ACCURATE INSPECTIONS INC	\$337,650	\$12,809	4%
Section 191A-Soil Concrete & Section 191D Geotech CMIT	ETTL ENGINEERS AND CONSULTANTS INC	\$652,446	\$2,639	0%

PROJECT COMPONENTS

PIPELINE SEGMENTS

- **Section 9:** KBR Turn-Out Tee to existing Benbrook Connection Pipeline (10.6 mi. 84" dia. Pipe + 5 mi. 120" Tunnel)
- **Section 10:** KBR Turn-Out Tee to KBR (2.4 mi. 84" dia. Pipe)
- **Section 11:** JB4 to KBR Turn-Out Tee (10 mi. 84" dia. Pipe)
- **Section 12:** JB4 to existing CC and RC Pipelines (2.2 mi. 108" dia. Pipe)
- **Section 13:** MBR2 (Midlothian Balancing Reservoir) to JB4 (11 mi. 108" dia. Pipe)
- **Section 14:** JB3 to MBR2 (Midlothian Balancing Reservoir) (14.9 mi. 108" dia. Pipe)
- **Section 15:** JB2 to JB3 (28.5 mi 108" dia. Pipe)
- **Section 16:** JRC1 (Joint Richland Chambers Lake Pump Station) to JB2 (12.3 mi. 96" dia. Pipe)
- **Section 17:** Cedar Creek Connection to JB2 (11.2 mi. 108" dia. Pipe)
- **Section 18:** JCC1 (Joint Cedar Creek Lake Pump Station) to Cedar Creek Connection (0.2 mi. 108" dia. Pipe)
- **Section 19:** LP1 (Lake Palestine Pump Station) to Cedar Creek Connection (42.3 mi. 84" dia. Pipe)



LP1HV Tying Transformer Slab 1 Rebar



PL192A BOV Vault Installation



PL191A Pipe Strung Out on ROW

PUMP STATIONS:

- **Palestine Pump Station:** 150 mgd with new intake
- **Cedar Creek Pump Station:** 277 mgd with new intake
- **Richland Chambers Pump Station:** 250 mgd Ultimate Design Capacity
- **Booster Pump Stations:** Two @ 347 mgd and one @ 197 mgd (S one 347 mgd station - JB3)

SUPPORT FACILITIES:

- **Reservoirs:** Three reservoirs (80 – 400 mgd) - two for booster pump stations and one for balancing. Two of the reservoirs are core projects – JB3R and MBR
- **Deep Tunnels:** 5 mi of 10' dia. tunnel @ Crowley (included in length of Section 9)
- **Substations & High Voltage Transmission Lines:** Six substations and 4 mi. of high voltage transmission lines (S two substations)
- **Microwave Communications and SCADA System:** Provides remote operations capability and system monitoring

