



INTEGRATED PIPELINE PROJECT

QUARTERLY EXECUTIVE SUMMARY

September 2025

LP1IN Testing Gate Guide Frames
Before Concrete Placement



IPL PROGRAM MANAGEMENT

Tarrant Regional Water District
804 East Northside Drive
Fort Worth, TX 76102
817.720.4469 p
817.720.4397 f
iplproject.com
[@IPL_Project](https://twitter.com/IPL_Project)

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 09.30.2025

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 • S2X12 Interconnect Facility • 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 – 30,157ft out of 31,070ft complete – 97% complete » Completed Tie in at CCT Launch and Retrieval Shaft » Completed Tie in at HLT Launch and Retrieval Shaft » Completed Tie in at RBT Retrieval Shaft » Completed Tie In at SH155 Launch and Retrieval Shaft » Began Tie In at RBT Launch Shaft » Began open cut pipe installation at OC6 » Continued welding joints, 29,500ft out of 31,052ft - all welds have passed inspection – 95% complete » ROW Top Soil Replacement – 29,500ft out of 31,070ft complete – 94% complete » Grouting Joints – 29,500ft out of 31,070ft complete – 94% complete » All Open Cut Pipe Delivered to site – 31,070ft of 31,070ft delivered – 100% complete • Cedar Creek Tunnel » Tunnel and tunnel pipe installation – 100% complete • Royal Blvd » Tunnel and tunnel pipe installation – 100% Complete • Hollywood Lake Tunnel » Tunnel and tunnel pipe installation – 100% Complete	• Stream A » Tunnel and tunnel pipe installation – 100% Complete • SH 155 » Completed annular grouting » Tunnel and tunnel pipe installation – 100% Complete LP1 INTAKE (Intake Structure and Channel for Lake Palestine Pump Station) • Completed tying, forming and placement of the Pump Station top deck • Continued to backfill around the Pump Station and Wingwalls • Continued to work on intake slopes and placement of rip rap • Installed bulkhead gate/blank panel guide frames and sills 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 – 13,616ft out of 52,675ft – 26% complete • Continued receiving OC pipe – 33,936ft of 52,675ft delivered – 64% complete • Continued to Clear ROW – 21,000ft out of 24,500ft – 87% complete • Continued ROW Top Soil Replacement – 9,800ft out of 51,205ft – 19% complete • Continued welding joints, 11,277ft out of 52,675ft – 21% complete • Completed Stream B Launch Shaft/ Retrieval Shaft 75% complete
--	--

PL191A (Section of 84” Pipe between Lake Palestine Pump Station and PL192A Project) • Notice to Proceed Issued 7/21/2025 • Submittal Review ongoing • ROW clearing began 9/15/2025 – 2,100ft of 26,094ft – 8% Complete • Dewatered and backfilled pond on ROW at Sta 13+50 LP1HV (Lake Palestine PS High Voltage Electrical Substation) • Contractor and subcontractors have mobilized onsite • The layout for the High Voltage site has been marked, and drilling of piers is currently in progress IPL PHASE 3 DESIGN PROGRESS PL19MT – SECTION 19 MICROTUNNELS • Awarded at September Board PL191D – SECTION 19-1D • Planning on going out to bid November 4, 2025 • This is the final pipeline package for Section 19 LP1 PACKAGE 2 – LAKE PALESTINE PUMP STATION - PACKAGE 2 • Plan to advertise in October ONCOR TRANSMISSION • CCN process is complete and approved by the PUC. • Oncor proceeding with metering station design. AUTOMATION ENGINEERING SERVICES FOR LP1 • Work Plan is submitted and approved.	IPL PHASE 4 DESIGN PROGRESS • Apply to the Corps of Engineers at the end of the year with a Preliminary Construction Notification (PCN). • FNI - Environmental » Environmental teams revisiting PL16 site to verify no changes • FNI - Section 16 » Preliminary alignment has been identified • AECOM Program wide Services (hydraulic modeling, Geotech, survey, local permitting) » Hydraulic model being updated with new PL16 alignment » Survey of the pipeline alignment, JB2, and JRC1 have been flown. Currently being processed. • Jacobs – JRC1 » Geotechnical Work Plan complete » Design Memorandum Outline complete. • FNI – JB2 Reservoir » Finalized bottom and top reservoir elevations » Have 2 configurations for consideration • CDM Smith – JB2 » Have determined finished floor elevation for the pump station » Working on site configurations. IPL OWNER FURNISHED EQUIPMENT UPDATE OFE13PMD – PUMPS, MOTORS, AND DRIVES FOR LP1 • Under contract • Pre-construction meeting pending OFE12V – PRE-PURCHASE VALVE PACKAGE • Awarded in September
---	---

PROJECT SCHEDULE

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

FINANCIALS

through 09.30.2025

PROJECTS	CONTRACTORS PRIME	CONTRACT PRICE	MATERIALS EXCLUSIONS	M/WBE AVAILABLE CONTRACT VALUE	M/WBE COMPLETED VALUE	COMPLETED %
Construction: Active and Completed		\$1,299,242,451	\$434,375,367	\$737,379,463	\$208,017,740	28.21%
Active-Construction		\$608,420,205	\$181,042,357	\$299,905,108	\$64,221,878	21.41%
Section 19 Long Tunnel Crossings	Traylor Sundt Joint Venture	\$221,719,065	\$73,184,431	\$148,534,634	\$29,809,510	20.07%
Lake Palestine PS LP1IN Package 1	Bar Constructors Inc	\$54,114,883	\$1,793,000	\$52,321,883	\$22,741,088	43.46%
Section 192A Open Cut Pipe Installation	Bar Constructors Inc	\$73,789,284	\$21,515,991	\$52,273,293	\$9,762,574	18.68%
Lake Palestine PS HV 138 KV FEA / Transmission	Oncor Electric Delivery Company LLC	\$21,500,000	\$21,500,000	-	-	0.00%
Section 191A Open Cut Pipe Installation	Bar Constructors Inc	\$69,655,521	\$30,229,249	\$39,426,272	\$1,908,706	4.84%
LP1HV-138kV High Voltage Substation	Lambda Construction I, Ltd	\$12,435,850	\$5,086,825	\$7,349,025	-	0.00%
Lake Palestine PS OFE13 PMD	Termomeccanica Pompe-Trillium Flow Technologies	\$16,758,791	\$16,758,791	-	-	0.00%
Section 19 & Lake Palestine PS	Municipal Valve and Equipment Company, Inc	\$10,974,071	\$10,974,071	-	-	0.00%
Section 19 Micro Tunnel-Five Tunnel	McKee Utility Contractors LLC	\$127,472,740			-	0.00%
Completed-Construction		\$690,822,245	\$253,333,010	\$437,474,355	\$143,795,862	32.87%
Design Active and Completed		\$252,012,746	-	\$252,012,746	\$53,889,863	21.38%
Active Design		\$49,324,708	-	\$49,324,708	\$4,106,447	8.33%
Section 19.1	Brown & Gay Engineers Inc	\$3,943,153	-	\$3,943,153	\$880,804	22.34%
Section 19TUN CPES	HDR Engineering Inc	\$5,950,376	-	\$5,950,376	\$1,053,373	17.70%
Section 19.2A CPES	HDR Engineering Inc	\$3,411,148	-	\$3,411,148	\$640,848	18.79%
LP1 IN Package 1 & Package 2 High Voltage	CH2M Hill Engineers Inc	\$5,194,000	-	\$5,194,000	\$1,271,698	24.48%
Section 19 Transportation Management Plan	Burns & McDonnell Engineering	\$1,063,600	-	\$1,063,600	\$141,195	13.28%
JRC1 Site Evaluation	Burns & McDonnell Engineering	\$690,000	-	\$690,000	\$18,282	2.65%
Section 16 Final Design & Environment Phase 4	CH2M Hill Engineers Inc	\$825,000	-	\$825,000	\$56,083	6.80%
JRC1 Final Design Phase 4	Freese and Nichols, Inc.	\$9,043,451	-	\$9,043,451	\$31,211	0.35%
LP1 Application Engineering Services	CDM Smith Inc	\$10,746,500	-	\$10,746,500	-	0.00%
JB2 Design Services Phase 5	CDM Smith Inc	\$1,079,650	-	\$1,079,650	-	0.00%
Survey Geotechnical, Permitting	AECOM Technical Services Inc	\$2,590,192	-	\$2,590,192	\$12,955	0.50%
Survey Geotechnical, Permitting	AECOM Technical Services Inc	\$4,186,827	-	\$4,186,827	-	0.00%
Cathodic Protection Systems Design Ph 4	AECOM Technical Services Inc	\$600,811	-	\$600,811	-	0.00%
Cathodic Protection Systems Design Ph 5	HDR Engineering Inc					
Completed Design		\$202,688,037	-	\$202,688,037	\$49,783,415	24.56%
Active and Completed: Rolling Owner Controlled Insurance Program		\$28,683,655	\$26,545,704	\$2,137,951	\$381,127	17.83%
Active-Rolling Owner Controlled Insurance Program		\$10,573,276	\$10,573,276	-	-	0.00%
Security Obligations	Willis Towers Watson Insurance	\$7,225,798	\$7,225,798	-	-	0.00%
ROCIIP PH 3 Admin Broker	Willis Towers Watson Insurance	\$1,105,507	\$1,105,507	-	-	0.00%
Deductible Claims and Expenses	Liberty Mutual Insurance	\$2,241,971	\$2,241,971	-	-	0.00%
Completed ROCIP-Rolling Owner Controlled Insurance Program		\$18,110,379	\$15,972,428	\$2,137,951	\$381,127	17.83%
Active and Completed: Construction and Program Management Support Service		\$131,695,153	-	\$131,695,153	\$48,335,744	36.70%
Active-Construction and Program Management Support Service		\$34,055,740	-	\$34,055,740	\$11,423,219	33.54%
Program Management Support	Plus Six Engineering LLC	\$11,933,000	-	\$11,933,000	\$6,387,307	53.53%
Program Management Support	Freese and Nichols Inc.	\$7,395,236	-	\$7,395,236	\$335,294	4.53%
Program Management Support	AECOM Technical Services Inc	\$1,839,244	-	\$1,839,244	\$52,000	2.83%
Resident Project Representation	CAS Consulting & Services Inc	\$4,738,736	-	\$4,738,736	\$4,525,856	95.51%
JRC1 Environmental	Freese and Nichols, Inc.	\$270,585	-	\$270,585	\$31,508	11.64%
JRC1 Program Management Support	Plus Six Engineering LLC	\$90,000	-	\$90,000	\$70,398	78.22%
Program Management Support -Ph 4	Freese and Nichols	\$1,275,514.88	-	\$1,275,515	-	0.00%
Program Management Support -Ph 5	Freese and Nichols	\$3,545,425.12	-	\$3,545,425	\$2,445	0.07%
Program Management Support -Ph 4	Plus Six Engineering	\$1,899,520.00	-	\$1,899,520	\$18,411	0.97%
Program Management Support - Ph 5	Plus Six Engineering	\$1,068,480.00	-	\$1,068,480	-	0.00%
Completed-Construction and Program Management Support Service		\$97,639,413	-	\$97,639,413	\$36,912,525	37.80%
Construction Materials Inspection and Testing-CMIT		\$18,492,780	-	\$18,492,780	\$8,033,999	43.44%
Active-Construction Materials Inspection and Testing-CMIT		\$4,924,232	-	\$4,924,232	\$2,177,088	44.21%
PL19 Long Tunnel Crossings CMIT	Accurate Inspections Inc	\$717,000	-	\$717,000	\$447,429	62.40%
PL19 Long Tunnel Crossings CMIT	Steel Inspectors of Texas Inc	\$375,000	-	\$375,000	\$102,360	27.30%
PL19 Long Tunnel Crossings CMIT	ETTL Engineers and Consultants Inc	\$800,000	-	\$800,000	\$799,901	99.99%
PL19 Long Tunnel Crossings CMIT	ETTL Engineers and Consultants Inc	\$150,311	-	\$150,311	\$95,096	63.27%
PL19 TXDOT CMIT	Accurate Inspections Inc	\$196,420	-	\$196,420	\$187,776	95.60%
PL19 TXDOT CMIT	Steel Inspectors of Texas Inc	\$144,760	-	\$144,760	\$39,186	27.07%
LP1IN Package 1 CMIT	Alliance Geotechnical Group	\$879,703	-	\$879,703	\$446,830	50.79%
PL19.2A OPEN CUT CMIT	Accurate Inspections Inc	\$358,248	-	\$358,248	\$44,019	12.29%
PL19.2A OPEN CUT CMIT	Kleinfelder Central Inc	\$947,790	-	\$947,790	-	0.00%
PL19.2A OPEN CUT CMIT	Steel Inspectors of Texas Inc	\$355,000	-	\$355,000	\$14,490	4.08%
PL191A, PL19D, PL19MT,OFF, LP1 PKG2	Accurate Inspections Inc	\$2,233,177	-	\$2,233,177	\$9,796	0.44%
PL191A-Soil Concrete & PL191D Geotech	ETTL Engineers and Consultants Inc	\$652,446	-	\$652,446	\$1,212	0.19%
LP1HV-Lake Palestine High Voltage	Kleinfelder Central Inc	\$67,380	-	\$67,380	-	0.00%
Completed-Construction Materials Inspection and Testing-CMIT		\$10,615,544	-	\$10,615,544	\$5,845,904	55.07%
Completed Owner Furnished Equipment		\$37,687,293	\$37,687,293	-	\$0	0.00%
Study and Research		\$3,439,003	\$254,473	\$3,184,530	-	0.00%
Legal/Right of Entry/Land Acquisition/Administration		\$175,181,175	\$171,578,526	\$3,602,649	\$1,297,774	36.02%
GRAND TOTAL		\$1,946,534,255	\$670,441,363	\$1,148,605,272	\$319,956,247	27.86%

Note: Excludes costs for pipe, owner-furnished equipment, purchased materials, legal fees, land acquisition and appraisal, power utility, and administrative costs.
Total Bonds issued to date: \$2,476,107,124.54

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)

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



PL192A Pipelaying Installation



PL19TUN SH155 Launch Shaft Tie In Pipe



LP1HV Pier Drilling Activity

