



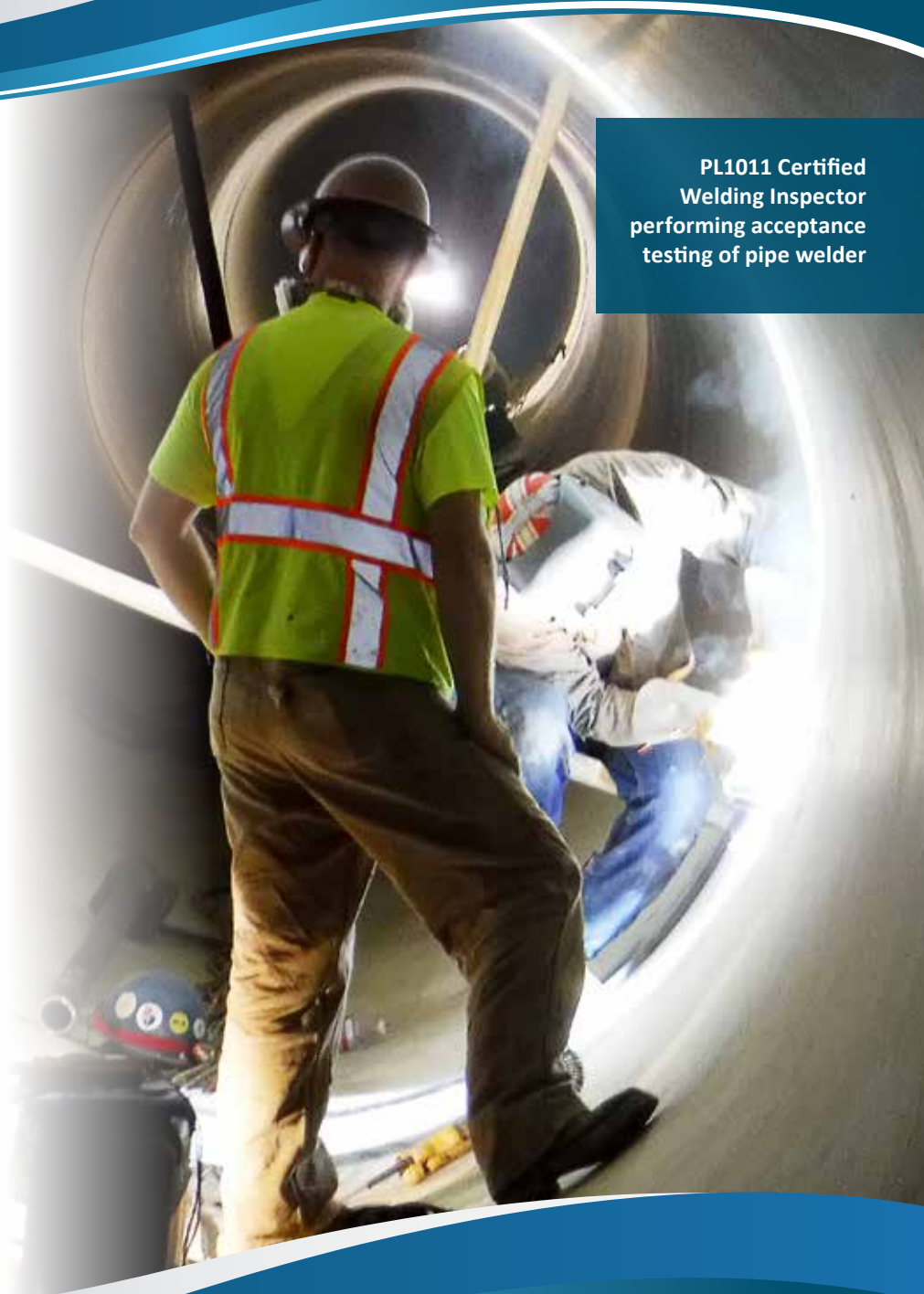
INTEGRATED PIPELINE PROJECT MONTHLY EXECUTIVE SUMMARY

March 2017

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.

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)



PL1011 Certified
Welding Inspector
performing acceptance
testing of pipe welder

PROGRAM SUPPORT SERVICES

as of 03.31.17

| CONTRACT DESIGN AND CONSTRUCTION | DESCRIPTION | BUDGET | CONTRACTS ISSUED | TOTAL INVOICED |
|--|--|------------------------|----------------------|----------------------|
| PROGRAM WIDE PROFESSIONAL SERVICES | | \$133,061,000 | \$88,359,307 | \$83,654,836 |
| Program Management | Overall program management services for implementation of the IPL Project. (Extension of TRWD staff) | \$45,000,000 | \$35,124,711 | \$35,124,711 |
| Conceptual Design / Environmental / Permitting | Operations plan & Prepare 404 permit application, Envision Application Completion | \$13,551,000 | \$13,472,389 | \$13,109,172 |
| Value Engineering | Expert review of design | \$640,000 | \$472,248 | \$472,248 |
| Surveying and Mapping | Control, property survey, legal descriptions, and Provide SUE Level A Survey, GIS | \$14,600,000 | \$11,858,055 | \$10,432,337 |
| Geotechnical | Initial Characterization of entire IPL Project | \$12,037,000 | \$12,026,275 | \$12,026,276 |
| Corrosion Engineering Services | Engineering Corrosion Control | \$3,891,000 | \$5,326,362 | \$3,902,269 |
| Land, Easement Acquisition, & Support Studies | Right of Entry and Land Acquisition Support Services | \$33,993,000 | \$3,464,526 | \$3,419,327 |
| | | \$3,500,000 | \$3,583,743 | \$3,402,626 |
| SCADA System | Engineering of SCADA system | \$640,000 | \$1,508,213 | \$297,260 |
| Microwave System | Engineering of Communications System | \$5,210,000 | \$1,522,785 | \$1,468,609 |
| DESIGN | | \$152,839,000 | \$128,351,515 | \$114,341,821 |
| Completed | | \$101,901,000 | \$95,902,930 | \$95,153,466 |
| Active | | \$24,159,000 | \$31,910,169 | \$19,188,355 |
| CH2M Hill | Project Operational Information and Operations Manual | | \$3,044,922 | \$2,342,985 |
| CH2M Hill | Final Conformance of Design of JCC1 | \$728,000 | \$2,861,718 | \$872,346 |
| MWH | Final Conformance of Design of Section 9/10/11 | \$506,000 | \$812,562 | \$533,231 |
| Black & Veatch | Final Design of Section 12/13/14 - 28.1 miles of 84 - inch and 108 - inch pipeline | \$11,292,000 | \$9,712,413 | \$9,651,306 |
| Parsons | Final Conformance of Design of Sections 17/18/Tunnel | \$832,000 | \$579,753 | \$681,545 |
| Brown & Gay | Final Design of Section 19-1 | \$5,770,000 | \$7,003,722 | \$1,596,955 |
| HDR | Final Design of Section 19-2 | \$5,030,000 | \$6,989,876 | \$2,846,033 |
| Burns & McDonnell Trans. Mgmt. | Development of Transportation Management Plan | | \$905,203 | \$663,954 |
| Remaining | | \$26,778,000 | \$538,417 | |
| CONSTRUCTION ADMINISTRATION | | \$48,877,000 | \$18,537,171 | \$9,366,500 |
| CONSTRUCTION / OWNER FURNISHED EQUIPMENT | | \$1,729,540,000 | \$632,140,375 | \$417,083,568 |
| Completed | | \$3,700,000 | \$15,290,653 | \$15,073,949 |
| Active | | \$818,316,000 | \$616,849,722 | \$402,009,619 |
| Pipeline Section 15-1 | | \$115,112,000 | \$94,290,346 | \$92,929,816 |
| Garney Construction | Construction of Section 15-1 | \$115,112,000 | \$94,290,346 | \$92,929,816 |
| JB3 | | \$83,013,000 | \$74,543,413 | \$47,408,016 |
| MWH Constructors | Construction of JB3 Pump Station | \$51,473,000 | \$57,113,445 | \$35,168,078 |
| Oncor Electric | Installation of JB3 Substation Transmission Lines | \$1,066,000 | \$957,119 | \$923,119 |
| Isolux Corsan | Construction of JB3 Substation | \$7,400,000 | \$4,864,888 | \$4,863,865 |
| R E Monks | Construction of JB3R Restoration | \$0 | \$349,777 | \$0 |
| Pentair Flow Technologies | Construction of JB3 Pumps, Motors, Drives | \$23,074,000 | \$11,258,183 | \$6,452,954 |
| Pipeline Section 12/13/MBR/IB4 Bypass | | \$167,993,000 | \$154,045,172 | \$132,711,676 |
| Thalle Midlothian | Construction of Sections 12/13/MBR/IB4 Bypass | \$146,310,000 | \$143,270,617 | \$124,124,314 |
| BAR Constructors | Construction of Richland-Chambers/Cedar Creek Interconnection Facility | \$21,682,000 | \$10,562,326 | \$8,463,132 |
| Hilco Electric | Relocation of Electrical Service Lines | | \$88,000 | |
| Hilco Electric | MBR Radio Tower Power | | \$33,312 | \$33,312 |
| Oncor Electric | Provide Power to IPL 2X12 | | \$90,918 | \$90,918 |

PROGRAM SUPPORT SERVICES

as of 03.31.17

| CONTRACT DESIGN AND CONSTRUCTION | DESCRIPTION | BUDGET | CONTRACTS ISSUED | TOTAL INVOICED |
|---------------------------------------|---|------------------------|------------------------|----------------------|
| Microwave System | | \$6,398,000 | \$5,376,289 | \$4,533,546 |
| Huffman Communications | Construction of Microwave Towers | \$6,398,000 | \$5,376,289 | \$4,533,546 |
| Pipeline Section 15-2 | | \$97,217,000 | \$52,876,666 | \$48,044,376 |
| BAR Constructors | Construction of Section 15-2 | \$97,217,000 | \$52,876,666 | \$48,044,376 |
| Pipeline Section 14 | | \$107,113,000 | \$48,262,791 | \$41,442,895 |
| Garney Construction | Construction of Section 14 | \$107,113,000 | \$48,262,791 | \$41,442,895 |
| Pipeline Section 17 | | \$109,944,000 | \$78,312,983 | \$8,630,930 |
| IPL Partners | Construction of Section 17 Tunnel | \$12,252,000 | \$32,992,000 | \$8,630,930 |
| Thalle Midlothian | Construction of Sections 17 | \$97,692,000 | \$45,320,983 | \$0 |
| JCC1 | | \$42,683,000 | \$37,707,573 | \$3,030,481 |
| BAR Constructors | Construction of JCC1 Intake | \$21,564,000 | \$19,741,750 | \$3,030,481 |
| Ebara | Construction of JCC1 Pumps, Motors, Drives | \$17,775,000 | \$12,694,890 | \$0 |
| Oncor Electric | Construction of JCC1 HV Transmission Lines | \$3,343,000 | \$5,270,933 | \$0 |
| Pipeline Section 10/11 | | \$73,678,000 | \$56,865,952 | \$15,944,706 |
| IPL Partners | Construction of Section 10/11 | \$72,362,000 | \$43,208,500 | \$15,927,253 |
| Oncor Electric | Construction of KBR S1X10 HV Transmission Lines | \$0 | \$17,452 | \$17,452 |
| BAR Constructors | Construction of KBR S1X10 | \$1,317,000 | \$13,640,000 | \$0 |
| Valve Packages | | \$15,165,000 | \$14,568,537 | \$7,333,179 |
| Garney Construction | Valve Package 1 - Section 15-1 Butterfly Valves | \$518,000 | \$262,244 | \$166,900 |
| Rodney Hunt | Valve Package 2 - Section 15-1 Interconnection Facility Valves | \$474,000 | \$733,206 | \$664,995 |
| Blackhall Engineering | Valve Package 3 - JB3, Section 15-2, MBR Yard Gate Valves | \$5,500,000 | \$6,278,387 | \$3,969,225 |
| Crispin Valves | Valve Package 4 - Section 12 RC/CC Interconnection, JB4 Bypass, MBR Yard Butterfly Valves | \$3,999,000 | \$2,269,140 | \$1,632,612 |
| Crispin Valves | Valve Package 5 - JB3 Butterfly Valves | \$1,249,000 | \$1,249,222 | \$547,442 |
| Ross Valves | Valve Package 6 - Section 12 RC/CC Interconnection Multi-Orifice Valves | \$715,000 | \$526,340 | \$352,005 |
| Crispin Valves | Valve Package 8 - Section 10 & 11 Bypass Butterfly Valves | \$1,391,000 | \$1,461,040 | \$0 |
| Blackhall Engineering | Valve Package 11 - JCC1 Gate Valve | \$1,320,000 | \$1,788,958 | \$0 |
| Remaining | | \$907,523,000 | | |
| CONSTRUCTION MANAGEMENT | | \$65,169,000 | \$45,397,801 | \$23,672,372 |
| Completed | | \$15,777,000 | \$15,687,599 | \$15,687,599 |
| Active | | \$17,665,000 | \$29,710,201 | \$7,984,773 |
| Remaining | | \$31,728,000 | | |
| CONSTRUCTION MATERIALS TESTING | | \$17,295,000 | \$12,873,125 | \$4,472,468 |
| Completed | | \$203,000 | \$225,133 | \$225,132 |
| Active | | \$7,791,000 | \$12,647,992 | \$4,247,336 |
| Remaining | | \$9,302,000 | | |
| ROCIIP | | \$2,575,000 | \$23,351,087 | \$18,615,105 |
| LAND COST | | \$107,384,000 | \$53,791,819 | \$53,791,819 |
| PROGRAM LEVEL CONTINGENCY | | \$83,178,000 | | |
| MISCELLANEOUS | | \$2,000,000 | \$2,206,735 | \$2,206,735 |
| GRAND TOTAL | | \$2,341,918,000 | \$1,005,008,935 | \$727,205,224 |
| REMAINING BOND FUNDS | | | | \$522,794,776 |

Note: Total Bonds issued to date \$1,250,000,000

ACCOMPLISHMENTS

through 04.30.17

PL15-1 (Pipeline Section 15-1 including the S5X15 Richland-Chambers Pipeline Interconnect Facility)

- Successfully completed local control testing of valves and instrumentation in S5X15 Facility
- Paving permanent easement access driveways.
- Sprigging Coastal Bermuda on ROW pasture lands..

JB3RR (Pump Suction Reservoir Grading and Grassing Project)

- Completed regrading and reseeding of reservoir embankment slopes, installed erosion blankets and sprinkler system.

PL12, 13, MBR (Pipeline Sections 12 and 13 combined with the Midlothian Balancing Reservoir)

- Completed 80% of soil cement placement on HDPE liner in MBR Cell 1.
- Installed 108" Butterfly Valves at Cell 1 and 2 Outlets.
- Continue installing anode beds, fences, gates and ROW restoration. Preparing to fill Pipeline Section 12 for testing.

COM01 (Microwave Towers and Communication Facilities for SCADA Control of the IPL)

- Reviewing final Operation and Maintenance manuals for communication equipment.

JB3 (250mgd Pump Station expandable to 350mgd)

- Continue installation of roofing system for Electrical Room and Pump Station.
- Continue placing concrete for flowmeter vaults.
- Installation of 108-inch yard pipe on the inlet side of reservoirs is 95% complete.
- Continue installing electrical raceways, lighting and receptacles and HVAC ductwork.

PL15-2 (Pipeline Section 15-2 that feeds the JB3 Reservoir)

- Continue pipeline joint welding and grouting inside pipe joints.
- Installing air valves, blow-offs and anode beds and continue ROW restoration.

S2X12 (Interconnection Facility of IPL Phase 1 to existing Cedar Creek and Richland Chambers Pipelines)

- Continue coating of 60" piping inside Facility and continue electrical and control work.
- Completed concrete pavement to S2X12 facility.
- Continue receiving precast screen wall sections for perimeter fencing.

JB3HV (High Voltage Substation for the JB3 Pump Station and Data Center)

- Awaiting contract closeout documentation. Substation work is completed.

PL14 (Pipeline Section 14 that delivers water from JB3 Pump Station to MBR)

- Two pipe crews have completed the installation of all of the 108" pipe.
- Preparing to grout annular space at the I35 tunnel.
- Continue installing vaults at air valves and blow-offs and continue spoil removal and ROW restoration.

PL17TUN (Trinity River Tunnel on Pipeline Section 17)

- Tunneling from west to east has begun and is approximately 8% complete.
- Access road to the east tunnel launch shaft is being constructed.

JCC1N (Intake Structure and Wet Well for JCC1 Pump Station at Cedar Creek)

- Excavating for intake structure and inlet channel and installed settlement monitoring devices.
- Receiving rebar for drilled piers and wing walls.
- Continue dewatering and began stockpiling soil for pre-loading of future Chemical Building site.

PL10, 11 (Pipeline Sections 10 and 11 from the JB4 Pump Station to the KBR Pressure Reduction Facility)

- Installed first 3,000 feet of open-cut 84" pipe and installed pipe in Dick Price Rd. tunnel.
- Installing invert and rails in FM1187 tunnel and excavating launch shaft for Mountain Creek tunnel.
- A total of 47,000 feet of 84" pipe has been delivered and strung to date..
- Completed ROW clearing.

PL17-18 (Pipeline Sections 17 and 18 from east end of PL15-1 to JCC1 Pump Station)

- Held pre-submittal conference with Thalle and pipe manufacturer.
- Surveyors confirming control points and working on access gates to ROW.

KBRPRS / S1X10 (Pressure Reduction Station at Kennedale Balancing Reservoir connecting Pipeline Section 10)

- Pre-construction workshops have been scheduled and preliminary submittals are being reviewed.

OFE03 (Owner-Furnished 108" Gate Valves)

- IPL reps completed factory witness testing of second 108" Gate Valve.

OFE04/05 (Owner-Furnished 54", 60" and 108" Butterfly Valves)

- Second 108" BFV was delivered to JB3 Pump Station.

OFE07 (Owner-Furnished pumps, motors and variable frequency drives for JB3)

- No additional deliveries to the site or factory testing performed this month.

OFE08 (Owner-Furnished 66", 84" and 108" Butterfly Valves)

- No additional factory testing in March.

OFE09 (Owner-Furnished pumps, motors and variable frequency drives for JCC1)

- Ebara Corporation preparing submittal packages for review.



JB3RR Regraded and reseeded embankment slope of JB3 Reservoir

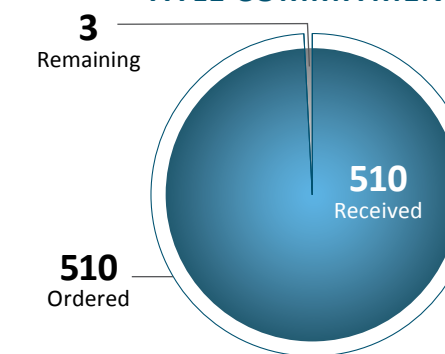


PL17TUN Aerial view of tunneling operation on the west bank of the Trinity River

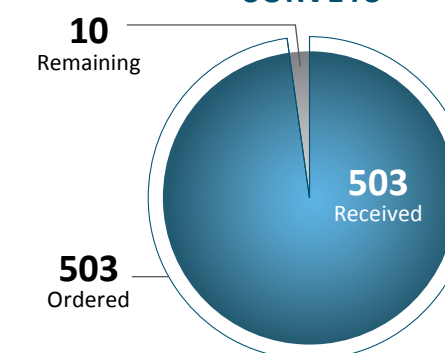
ACTIVITY STATUS

as of 04.30.17

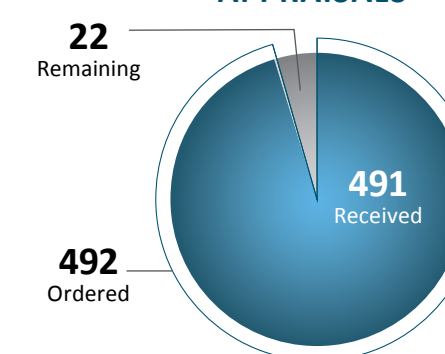
TITLE COMMITMENTS



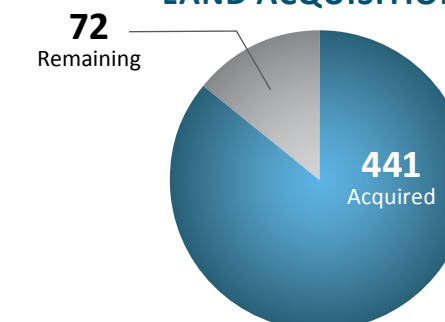
SURVEYS



APPRAISALS



LAND ACQUISITION



Total Parent Parcels: 513

PROJECT SCHEDULE

| PROJECT COMPONENTS | 2014 | | | | 2015 | | | | 2016 | | | | 2017 | | | | 2018 | | | |
|---|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| SECTION 15-1 CONSTRUCTION | | | | | | | | | | | | | | | | | | | | |
| COMMUNICATION TOWERS CONSTRUCTION | | | | | | | | | | | | | | | | | | | | |
| SECTIONS 12, 13, MBR CONSTRUCTION | | | | | | | | | | | | | | | | | | | | |
| JB3 CONSTRUCTION | | | | | | | | | | | | | | | | | | | | |
| JB3 HIGH VOLTAGE CONSTRUCTION | | | | | | | | | | | | | | | | | | | | |
| SECTION 15-2 CONSTRUCTION | | | | | | | | | | | | | | | | | | | | |
| SECTION 14 CONSTRUCTION | | | | | | | | | | | | | | | | | | | | |
| S2X12 (INTERCONNECTION FACILITY) CONSTRUCTION | | | | | | | | | | | | | | | | | | | | |
| SECTION 17 TUNNEL CONSTRUCTION | | | | | | | | | | | | | | | | | | | | |
| JCC1 PUMP STATION INTAKE, WET WELL CONSTRUCTION | | | | | | | | | | | | | | | | | | | | |
| SECTION 10, 11 CONSTRUCTION | | | | | | | | | | | | | | | | | | | | |
| SECTION 17, 18 CONSTRUCTION | | | | | | | | | | | | | | | | | | | | |
| KBRPRS/S1X10 (PRESSURE REDUCTION STA.) CONSTRUCTION | | | | | | | | | | | | | | | | | | | | |

M/WBE PARTICIPATION

as of 03.31.17

| CONTRACT DESIGN AND CONSTRUCTION | M/WBE & HUB SUB-CONTRACTORS | CONTRACT COMMITMENT | | M/WBE HUB INVOICED TO DATE | | TOTAL PROJECT COMPLETED TO DATE | |
|---|---|---------------------|------|------------------------------|--------------------|---------------------------------|------|
| | | \$ | % | \$ | % (PER COMMITMENT) | \$ | % |
| PROGRAM WIDE PROFESSIONAL SERVICES | | \$19,725,358 | 22% | \$19,615,901 | 99% | \$83,654,836 | 95% |
| Program Management | | \$6,636,687 | 19% | \$6,636,687 | 100% | \$35,124,711 | 100% |
| Conceptual Design / Environmental / Permitting | | \$2,700,278 | 20% | \$2,794,828 | 104% | \$13,109,172 | 97% |
| Value Engineering | | \$23,178 | 0% | \$23,178 | 100% | \$472,248 | 100% |
| Surveying and Mapping | | \$3,548,416 | 30% | \$3,811,136 | 107% | \$10,432,337 | 88% |
| Geotechnical | | \$3,572,334 | 30% | \$3,545,033 | 99% | \$12,026,276 | 100% |
| Corrosion Engineering Services | | \$1,053,764 | 20% | \$761,434 | 72% | \$3,902,269 | 73% |
| Land, Easement Acquisition, & Support | | \$1,294,837 | 37% | \$1,520,027 | 117% | \$3,419,327 | 99% |
| Studies | | \$41,717 | 1% | \$41,717 | 100% | \$3,402,626 | 95% |
| SCADA System | | \$384,444 | 25% | \$32,208 | 8% | \$297,260 | 20% |
| Microwave System | | \$469,702 | 31% | \$449,654 | 96% | \$1,468,609 | 96% |
| DESIGN | | \$33,909,803 | 26% | \$30,590,189 | 90% | \$114,341,821 | 89% |
| Completed | | \$26,250,572 | 27% | \$25,980,682 | 99% | \$95,153,466 | 99% |
| Active | | \$7,659,231 | 24% | \$4,609,507 | 60% | \$19,188,355 | 60% |
| CH2M Hill (Ops Manual) | NDM | \$479,674 | 16% | \$479,329 | 100% | \$2,342,985 | 77% |
| CH2M Hill (JCC1) | JQ, Gupta, APM, HVJ, XENCO | \$721,484 | 25% | \$206,427 | 29% | \$872,346 | 30% |
| MWH | Garzabury, Kevin Sloan | \$226,705 | 28% | \$136,372 | 60% | \$533,231 | 66% |
| Black & Veatch | BDS, CAS, JQ, TME | \$2,425,531 | 25% | \$2,577,758 | 108% | \$9,651,306 | 100% |
| Parsons | Criado, EPB, HVJ | \$144,938 | 25% | \$112,357 | 78% | \$681,545 | 118% |
| Brown & Gay | AZB, TME, Lamb-Star, NDM | \$1,750,930 | 25% | \$412,365 | 24% | \$1,596,955 | 23% |
| HDR | AZB, Daltech, Word Wizards, Gupta | \$1,747,469 | 25% | \$596,321 | 34% | \$2,846,033 | 41% |
| Burns & McDonnell Trans. Mgmt. | Lamb-Star Engineering | \$162,500 | 18% | \$88,578 | 55% | \$663,954 | 73% |
| Remaining | | \$0 | 0% | \$0 | 0% | \$0 | 0% |
| CONSTRUCTION ADMINISTRATION | | \$4,533,806 | 24% | \$2,245,303 | 50% | \$9,366,500 | 51% |
| CONSTRUCTION / OWNER FURNISHED EQUIPMENT | | \$82,383,333 | 19%* | \$61,646,525 | 75% | \$417,083,568 | 66% |
| Completed | | \$2,908,544 | 19% | \$2,908,544 | 100% | \$15,073,949 | 99% |
| Active | | \$79,474,789 | 19%* | \$58,737,981 | 74% | \$402,009,619 | 65% |
| Pipeline Section 15-1 | | \$9,415,226 | 28%* | \$6,643,128 | 71% | \$92,929,816 | 99% |
| Garney Construction | Danridge, SYB, Ricochet, Glenko, Carrasco, Cowboy, Gorrondona, Custom Fence, LKT, Astro Johnny, Pam, Father & Son, Bowden's Erosion | \$9,415,226 | 28%* | \$6,643,128 | 71% | \$92,929,816 | 99% |
| JB3 | | \$15,056,385 | 27%* | \$5,015,817 | 33% | \$47,408,016 | 64% |
| MWH Constructors | Statewide, Cowboy, TX Enviro, Champion, Ram Tool, Rent-a-Fence, Soto Steel, A-Star, Ike, Greystone, LKT, Accurate, Green Scaping | \$13,580,000 | 27%* | \$3,565,897 | 26% | \$35,168,078 | 62% |
| Isolux Corsan | Dyna Grid | \$1,476,385 | 30% | \$1,449,920 | 98% | \$4,863,865 | 100% |
| R E Monks | | \$0 | 0% | \$0 | 0% | \$0 | 0% |
| Oncor Electric | | \$0 | 0% | \$0 | 0% | \$923,119 | 96% |
| Pentair Flow Technologies | | \$0 | 0% | \$0 | 0% | \$6,452,954 | 57% |
| Pipeline Section 12/13/MBR/JB4 Bypass | | \$22,054,002 | 24%* | \$19,496,469 | 88% | \$132,711,676 | 86% |
| Thalle Midlothian | LKT, Statewide, Granados, Desert Steel, Ettl, Glenko, A.N.A., Edwards, Buzz, Bradley-Douglas, Pinnacle | \$21,209,810 | 27%* | \$15,018,728 | 71% | \$124,124,314 | 87% |

M/WBE PARTICIPATION

as of 03.31.17

| CONTRACT DESIGN AND CONSTRUCTION | M/WBE & HUB SUB-CONTRACTORS | CONTRACT COMMITMENT | | M/WBE HUB INVOICED TO DATE | | TOTAL PROJECT COMPLETED TO DATE | |
|---------------------------------------|--|-----------------------|------|------------------------------|--------------------|---------------------------------|------|
| | | \$ | % | \$ | % (PER COMMITMENT) | \$ | % |
| BAR Constructors | Fraire's, DFW Aggregates, Ricochet, MMG, LKT, Brock, Garland Heating & Air, Texas Metal, Buzz, Rangel | \$844,192 | 8% | \$4,477,741 | 530% | \$8,463,132 | 80% |
| Hilco Electric | | \$0 | 0% | \$0 | 0% | \$0 | 0% |
| Hilco Electric | | \$0 | 0% | \$0 | 0% | \$33,312 | 100% |
| Oncor Electric | | \$0 | 0% | \$0 | 0% | \$90,918 | 100% |
| Microwave System | | \$1,471,554 | 27% | \$1,098,609 | 75% | \$4,533,546 | 84% |
| Huffman Communications | Ricochet, Edwards, Chaffin Tower, Bradley Douglas | \$1,471,554 | 27% | \$1,098,609 | 75% | \$4,533,546 | 84% |
| Pipeline Section 15-2 | | \$4,122,200 | 16%* | \$18,287,164 | 444% | \$48,044,376 | 91% |
| BAR Constructors | Ricochet, Fraire's, DFW Aggregates, Brock, Tidy Toilets, KDAT, Juan Cantu, Buyer's, RAM, Rangel, LKT, Greenscaping, Environmental Safety | \$4,122,200 | 16% | \$18,287,164 | 444% | \$48,044,376 | 91% |
| Pipeline Section 14 | | \$6,081,897 | 22%* | \$5,888,522 | 97% | \$41,442,895 | 86% |
| Garney Construction | AEA, Gorrondona, JC Welding, LKT, Statewide, Bowdens | \$6,081,897 | 22% | \$5,888,522 | 97% | \$41,442,895 | 86% |
| Pipeline Section 17 | | \$13,176,525 | 27%* | \$366,582 | 3% | \$8,630,930 | 11% |
| IPL Partners | LKT, Industry Junction, Eagle Aggregate, Suncoast Res, ATS Drilling, RECS, ANA, Alliance, Ram, JC Welding, Luis Moreno | \$6,623,125 | 24% | \$366,582 | 6% | \$8,630,930 | 26% |
| Thalle Midlothian | Fleet Lube, Rambo Controls, AE Trucking, MKI Construction, Stome Water Management, Industry Junction, Ortega Land Clearing | \$6,553,400 | 30% | \$0 | 0% | \$0 | 0% |
| JCC1 | | \$1,001,750 | 9%* | \$1,637,301 | 163% | \$3,030,481 | 8% |
| BAR Constructors | Industry Junction, K&A Steel, Ricochet Fuel, Ricochet Fuel, Tidy Toilets, Buzz Custom Fence | \$1,001,750 | 6% | \$1,637,301 | 163% | \$3,030,481 | 15% |
| Ebara | | \$0 | 0% | \$0 | 0% | \$0 | 0% |
| Oncor Electric | | \$0 | 0% | \$0 | 0% | \$0 | 0% |
| Pipeline Section 10/11 | | \$7,095,250 | 16%* | \$304,389 | 4% | \$15,944,706 | 28% |
| IPL Partners | LKT, Industry Junction, Eagle Aggregate, Suncoast Res, ATS Drilling, RECS, ANA, Alliance, Ram, JC Welding, Luis Moreno | \$5,675,000 | 24% | \$304,389 | 5% | \$15,927,253 | 37% |
| Oncor Electric | | \$0 | 0% | \$0 | 0% | \$17,452 | 100% |
| BAR Constructors | Industry Junction, VSG Trucking, Ricochet, MMG Disposal, Garland HVAC, CMC Rebar, Buzz Custom Fence, K&A Steel, Rangle Land Surveying | \$1,420,250 | 11% | \$0 | 0% | \$0 | 0% |
| Valve Packages | | \$0 | 0% | \$0 | 0% | \$7,333,179 | 50% |
| CONSTRUCTION MANAGEMENT | | \$18,613,186 | 41% | \$9,514,023 | 51% | \$23,672,372 | 52% |
| Completed | | \$5,928,804 | 38% | \$5,954,412 | 100% | \$15,687,599 | 100% |
| Active | | \$12,684,383 | 43% | \$3,559,611 | 28% | \$7,984,773 | 27% |
| CONSTRUCTION MATERIALS TESTING | | \$7,604,036 | 59% | \$2,070,998 | 27% | \$4,472,468 | 35% |
| Completed | | \$219,036 | 97% | \$219,036 | 100% | \$225,132 | 100% |
| Active | | \$7,385,000 | 58% | \$1,851,962 | 25% | \$4,247,336 | 34% |
| ROCIPI | | \$1,499,307 | 6% | \$242,967 | 16% | \$18,615,105 | 80% |
| TOTAL | | \$168,268,830 | 23%* | \$125,925,906 | 75% | \$671,206,670 | 71% |
| LAND COST | | | | \$59,400 | | \$53,791,819 | 50% |
| MISCELLANEOUS | | | | | | \$2,206,735 | |
| GRAND TOTAL | | \$168,268,830 | 25%* | \$125,985,306 | 75% | \$727,205,224 | 72% |
| | | M/WBE/HUB Invoiced | | \$125,985,306 | | | |
| | | Grand Total Invoiced | | \$727,205,224 | | | |
| | | * Exclusions Invoiced | | \$249,167,199 | | | |
| | | MWBE % | | 26.35% | | | |

* Denotes participation percentage excluding cost of pipe and owner furnished equipment.

** This number excludes owner furnished equipment, large diameter pipe and land cost \$249,167,199.

PROJECT COMPONENTS

| PIPELINE SEGMENTS | CORE PROJECT | DESCRIPTION |
|-------------------|--------------|--|
| 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 | CORE PROJECT | DESCRIPTION |
|--------------------------------|--------------|---|
| 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 (◆ one 347 mgd station - JB3) |

| SUPPORT FACILITIES | CORE PROJECT | DESCRIPTION |
|---|--------------|---|
| 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 (◆ two substations) |
| Microwave Communications and SCADA System | ◆ | Provides remote operations capability and system monitoring |

