



# INTEGRATED PIPELINE PROJECT

## QUARTERLY EXECUTIVE SUMMARY

December 2020



*PL17TUN Final 50-ft pipe joint being lowered into the tunnel portal*

### IPL PROGRAM MANAGEMENT

Tarrant Regional Water District  
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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.

# PROGRAM SUPPORT SERVICES

through 11.30.2020

| CONTRACT DESIGN AND CONSTRUCTION                      | DESCRIPTION  | BUDGET                 | CONTRACTS ISSUED     | TOTAL INVOICED       |
|---|--|------------------------|----------------------|----------------------|
| <b>PROGRAM WIDE PROFESSIONAL SERVICES</b>             |  | <b>\$133,062,000</b>   | <b>\$87,563,706</b>  | <b>\$85,339,146</b>  |
| <b>Program Management</b>                             | Overall program management services for implementation of the IPL Project. (Extension of TRWD staff) | \$45,000,000           | \$35,124,711         | \$35,124,711         |
| <b>Conceptual Design / Environmental / Permitting</b> | Operations plan & Prepare 404 permit application, Envision Application Completion                    | \$13,551,000           | \$13,248,701         | \$13,248,699         |
| <b>Value Engineering</b>                              | Expert review of design  | \$640,000              | \$472,248            | \$472,248            |
| <b>Surveying and Mapping</b>                          | Control, property survey, legal descriptions, and Provide SUE Level A Survey, GIS                    | \$14,600,000           | \$11,854,388         | \$10,786,352         |
| <b>Geotechnical</b>                                   | Initial Characterization of entire IPL Project   | \$12,037,000           | \$12,026,275         | \$12,026,276         |
| <b>Corrosion Engineering Services</b>                 | Engineering Corrosion Control  | \$3,891,000            | \$5,326,362          | \$4,662,268          |
| <b>Land, Easement Acquisition, &amp; Support</b>      | Right of Entry and Land Acquisition Support Services   | \$33,993,000           | \$3,464,526          | \$3,433,831          |
| <b>Studies</b>  |  | \$3,500,000            | \$3,683,743          | \$3,587,584          |
| <b>SCADA System</b>                                   | Engineering of SCADA system  | \$640,000              | \$0                  | \$0                  |
| <b>Microwave System</b>                               | Engineering of Communications System   | \$5,210,000            | \$2,362,752          | \$1,997,177          |
| <b>DESIGN &amp; CONSTRUCTION ADMINISTRATION</b>       |  | <b>\$201,714,000</b>   | <b>\$154,007,175</b> | <b>\$141,262,099</b> |
| <b>Completed</b>                                      |  | <b>\$122,733,000</b>   | <b>\$103,809,850</b> | <b>\$102,629,900</b> |
| <b>Active</b>   |  | <b>\$23,326,000</b>    | <b>\$50,197,324</b>  | <b>\$38,632,199</b>  |
| <b>CH2M Hill</b>                                      | Project Operational Information and Operations Manual  |                        | \$6,479,844          | \$5,192,749          |
| <b>CH2M Hill</b>                                      | Final Conformance of Design of JCC1  | \$728,000              | \$9,288,681          | \$7,517,273          |
| <b>MWH</b>  | Final Conformance of Design of Section 9/10/11   | \$506,000              | \$1,307,780          | \$1,025,773          |
| <b>Black &amp; Veatch</b>                             | Engineering during Construction of Section 10/11   |                        | \$810,000            | \$460,732            |
| <b>Black &amp; Veatch</b>                             | Final Design of Section 12/13/14   | \$11,292,000           | \$12,338,807         | \$12,278,728         |
| <b>Brown &amp; Gay</b>                                | Final Design of Section 19-1   | \$5,770,000            | \$8,130,200          | \$3,465,187          |
| <b>HDR</b>  | Final Design of Section 19-2   | \$5,030,000            | \$8,358,000          | \$5,347,753          |
| <b>Burns &amp; McDonnell Trans. Mgmt.</b>             | Development of Transportation Management Plan  |                        | \$905,203            | \$866,643            |
| <b>Burns &amp; McDonnell</b>                          | High Voltage Design  |                        | \$2,578,809          | \$2,477,360          |
| <b>Remaining</b>                                      |  | <b>\$55,655,000</b>    |                      |                      |
| <b>CONSTRUCTION / OWNER FURNISHED EQUIPMENT</b>       |  | <b>\$1,729,540,000</b> | <b>\$711,368,104</b> | <b>\$694,002,655</b> |
| <b>Completed</b>                                      |  | <b>\$346,119,000</b>   | <b>\$212,008,946</b> | <b>\$211,792,242</b> |
| <b>Active</b>   |  | <b>\$875,818,000</b>   | <b>\$499,359,158</b> | <b>\$482,210,413</b> |
| <b>JB3</b>  |  | <b>\$83,013,000</b>    | <b>\$75,779,477</b>  | <b>\$71,211,755</b>  |
| <b>MWH Constructors</b>                               | Construction of JB3 Pump Station   | \$51,473,000           | \$57,995,805         | \$56,660,813         |
| <b>Oncor Electric</b>                                 | Installation of JB3 Substation Transmission Lines  | \$1,066,000            | \$957,119            | \$923,119            |
| <b>Isolux Corsan</b>                                  | Construction of JB3 Substation   | \$7,400,000            | \$4,864,888          | \$4,864,888          |
| <b>R E Monks</b>                                      | Construction of JB3R Restoration   | \$0                    | \$675,782            | \$675,782            |
| <b>Pentair Flow Technologies</b>                      | Construction of JB3 Pumps, Motors, Drives  | \$23,074,000           | \$11,285,883         | \$8,087,153          |
| <b>Pipeline Section 12/13/MBR/IB4 Bypass</b>          |  | <b>\$167,992,000</b>   | <b>\$153,555,743</b> | <b>\$153,532,318</b> |
| <b>Thalle Midlothian</b>                              | Construction of Sections 12/13/MBR/IB4 Bypass  | \$146,310,000          | \$143,253,968        | \$143,230,542        |
| <b>BAR Constructors</b>                               | Construction of Richland-Chambers/Cedar Creek Interconnection Facility                               | \$21,682,000           | \$10,177,546         | \$10,177,546         |
| <b>Hilco Electric</b>                                 | MBR Radio Tower Power  |                        | \$33,312             | \$33,312             |
| <b>Oncor Electric</b>                                 | Provide Power to IPL 2X12  |                        | \$90,918             | \$90,918             |

# PROGRAM SUPPORT SERVICES

through 11.30.2020

| CONTRACT DESIGN AND CONSTRUCTION      | DESCRIPTION   | BUDGET                 | CONTRACTS ISSUED       | TOTAL INVOICED         |
|---------------------------------------|---|------------------------|------------------------|------------------------|
| <b>Pipeline Section 17</b>            |   | <b>\$109,944,000</b>   | <b>\$94,295,830</b>    | <b>\$89,984,265</b>    |
| <b>IPL Partners</b>                   | Construction of Section 17 Tunnel   | \$12,252,000           | \$48,500,000           | \$47,229,718           |
| <b>Thalle Midlothian</b>              | Construction of Sections 17/18/IB2 Bypass   | \$97,692,000           | \$45,795,830           | \$42,754,547           |
| <b>JCC1</b>                           |   | <b>\$106,582,000</b>   | <b>\$105,875,879</b>   | <b>\$97,979,337</b>    |
| <b>BAR Constructors</b>               | Construction of JCC1 Intake   | \$21,564,000           | \$18,960,214           | \$18,960,214           |
| <b>BAR Constructors</b>               | Intake Facility & OFE Installation Package 2  | \$63,900,000           | \$63,690,600           | \$57,186,563           |
| <b>Ebara</b>                          | Construction of JCC1 Pumps, Motors, Drives  | \$17,775,000           | \$12,694,890           | \$11,680,768           |
| <b>Lambda Construction</b>            | High Voltage  |                        | \$5,773,925            | \$5,395,542            |
| <b>Oncor Electric</b>                 | Construction of JCC1 HV Transmission Lines  | \$3,343,000            | \$4,756,250            | \$4,756,250            |
| <b>Pipeline Section 10/11</b>         |   | <b>\$73,679,000</b>    | <b>\$55,545,935</b>    | <b>\$55,545,326</b>    |
| <b>IPL Partners</b>                   | Construction of Section 10/11   | \$72,362,000           | \$42,022,945           | \$42,022,337           |
| <b>Oncor Electric</b>                 | Construction of KBR S1X10 HV Transmission Lines   |                        | \$17,452               | \$17,452               |
| <b>BAR Constructors</b>               | Construction of KBR S1X10   | \$1,317,000            | \$13,505,537           | \$13,505,536           |
| <b>Valve Packages</b>                 |   | <b>\$15,166,000</b>    | <b>\$14,306,294</b>    | <b>\$13,957,413</b>    |
| <b>Garney Construction</b>            | Valve Package 1 - Section 15-1 Butterfly Valves   | \$518,000              | \$0                    | \$0                    |
| <b>Rodney Hunt</b>                    | Valve Package 2 - Section 15-1 Interconnection Facility Valves                            | \$474,000              | \$733,206              | \$733,206              |
| <b>Blackhall Engineering</b>          | Valve Package 3 - JB3, Section 15-2, MBR Yard Gate Valves                                 | \$5,500,000            | \$6,278,388            | \$6,228,595            |
| <b>Crispin Valves</b>                 | Valve Package 4 - Section 12 RC/CC Interconnection, JB4 Bypass, MBR Yard Butterfly Valves | \$3,999,000            | \$2,269,140            | \$2,191,128            |
| <b>Crispin Valves</b>                 | Valve Package 5 - JB3 Butterfly Valves  | \$1,249,000            | \$1,249,222            | \$1,175,870            |
| <b>Ross Valves</b>                    | Valve Package 6 - Section 12 RC/CC Interconnection Multi-Orifice Valves                   | \$715,000              | \$526,340              | \$478,838              |
| <b>Crispin Valves</b>                 | Valve Package 8 - Section 10 & 11 Bypass Butterfly Valves                                 | \$1,391,000            | \$1,461,040            | \$1,393,968            |
| <b>Blackhall Engineering</b>          | Valve Package 11 - JCC1 Gate Valve  | \$1,320,000            | \$1,788,958            | \$1,755,807            |
| <b>Remaining</b>                      |   | <b>\$507,603,000</b>   |                        |                        |
| <b>CONSTRUCTION MANAGEMENT</b>        |   | <b>\$65,170,000</b>    | <b>\$54,074,009</b>    | <b>\$48,266,072</b>    |
| <b>Completed</b>                      |   | <b>\$15,777,000</b>    | <b>\$15,747,552</b>    | <b>\$15,747,552</b>    |
| <b>Active</b>                         |   | <b>\$17,665,000</b>    | <b>\$38,326,457</b>    | <b>\$32,518,520</b>    |
| <b>Remaining</b>                      |   | <b>\$31,728,000</b>    |                        |                        |
| <b>CONSTRUCTION MATERIALS TESTING</b> |   | <b>\$17,296,000</b>    | <b>\$12,931,086</b>    | <b>\$10,210,243</b>    |
| <b>Completed</b>                      |   | <b>\$203,000</b>       | <b>\$225,133</b>       | <b>\$225,132</b>       |
| <b>Active</b>                         |   | <b>\$7,791,000</b>     | <b>\$12,705,953</b>    | <b>\$9,985,111</b>     |
| <b>Remaining</b>                      |   | <b>\$9,302,000</b>     |                        |                        |
| <b>ROCIP</b>                          |   | <b>\$2,575,000</b>     | <b>\$31,847,084</b>    | <b>\$23,093,737</b>    |
| <b>LAND COST</b>                      |   | <b>\$107,384,000</b>   | <b>\$78,289,597</b>    | <b>\$78,289,597</b>    |
| <b>PROGRAM LEVEL CONTINGENCY</b>      |   | <b>\$83,178,000</b>    |                        |                        |
| <b>MISCELLANEOUS</b>                  |   | <b>\$2,000,000</b>     | <b>\$3,883,792</b>     | <b>\$3,883,792</b>     |
| <b>GRAND TOTAL</b>                    |   | <b>\$2,341,919,000</b> | <b>\$1,133,964,553</b> | <b>\$1,084,347,342</b> |
| <b>REMAINING BOND FUNDS</b>           |   |                        |                        | <b>\$131,000,000</b>   |

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



# ACCOMPLISHMENTS

through 12.31.2020

## IPL PROGRAM GENERAL OPERATIONAL STATUS

The IPL System is currently able to deliver water from Richland Chambers Reservoir to the cross-connections with the existing Richland Chambers and Cedar Creek pipelines at the S2X12 Interconnect Facility near Joe Pool Lake and the future DWU connection point. The IPL System is also able to deliver water to the Arlington Outlet via the S1X10 Pressure Reduction Station, the KBR Bypass pipeline and the Line J Pipeline. Water can be delivered via the IPL system and the existing pipelines to the Rolling Hills Water Treatment Plant and to Lake Benbrook

The IPL pipelines and facilities that have been completed to accomplish this delivery are:

- S5X15 Interconnect
- Pipeline Sections 15-1 and 15-2
- JB3R Suction Reservoir
- JB3 Booster Pump Station
- Pipeline Section 14
- Midlothian Balancing Reservoir
- Pipeline Sections 12 and 13
- S2X12 Interconnect Facility
- Pipeline Sections 10 and 11
- S1X10 Pressure Reduction Station

## CURRENT PROJECT UPDATES

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

- Project is complete and operational pending contract closeout.

### JB3 (250mgd Pump Station expandable to 350mgd)

- Project is complete and operational pending contract closeout.

### PL17TUN (Trinity River Tunnel on Pipeline Section 17)

- Completed pipe installation and joint welding in the Trinity River tunnel.
- Completed tie-in of open cut portion of pipeline at the West tunnel portal and backfilled the portal excavation.
- Began installation of East portion of the open cut piping.

### JCC1 (Cedar Creek Lake Pump Station)

- Continued electrical and control wiring to panels, equipment and control room.
- Installed air compressor and dryer system and piping.
- Installed potable water heaters in chemical building and filled softener tanks with gravel and resin.
- Manufacturer checked out the 108-inch gate valve HPU.
- Completed installation of acoustical panels in pump station.
- Completed cooling water piping to Chillers.
- Completed coating exterior discharge piping and continued coating interior piping
- Performed startup of Electrical Room air handling units.
- Moved T-screens to guide rails for storage.
- Completed ribbon curb, site fencing, and installation of light poles

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

- Project is complete and operational pending contract closeout.

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

- Completed final coatings of appurtenances and installation of cathodic protection anodes.

### PL19TX (Tunnels at TxDOT Roadway Crossings)

- Notice To Proceed issued for 10/19/2020.
- Equipment mobilized to site and Field Offices set up CR4530, near intersection with FM2588.
- ROW, access drive, launch and receiving shaft locations were surveyed and staked.
- ROW clearing and preparation, temporary fences and temporary access drives were completed at FM753, FM59 and Crossroads.
- Tunnel excavation began at FM753 site and 27 l.f. of the 220 l.f. tunnel completed.

### PL19TUN (Cedar Creek; SH 31; Hollywood Lake; SH 151/Frankston ISD Tunnels)

- Continue geotechnical investigation and collaborative data sharing with potential contractors.
- Conducted geotechnical core/sample viewing for all contractors.

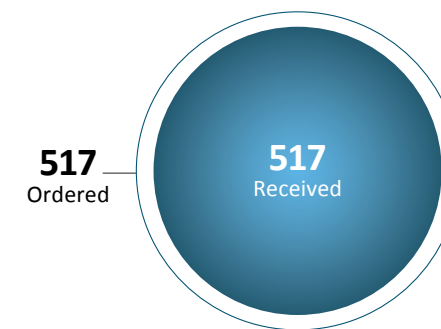
# PROJECT SCHEDULE

| PROJECT COMPONENTS                             | 2019           |    |    |    | 2020 |    |    |    | 2021 |    |    |    |
|--|----------------|----|----|----|------|----|----|----|------|----|----|----|
|  | Q1             | Q2 | Q3 | Q4 | Q1   | Q2 | Q3 | Q4 | Q1   | Q2 | Q3 | Q4 |
| SECTION 17 TUNNEL CONSTRUCTION                 | [Progress bar] |    |    |    |      |    |    |    |      |    |    |    |
| JCC1 PUMP STATION INTAKE WET WELL CONSTRUCTION | [Progress bar] |    |    |    |      |    |    |    |      |    |    |    |
| SECTION 17, 18 CONSTRUCTION                    | [Progress bar] |    |    |    |      |    |    |    |      |    |    |    |
| JCC1 HIGH VOLTAGE SUBSTATION CONSTRUCTION      | [Progress bar] |    |    |    |      |    |    |    |      |    |    |    |
| JCC1 CONSTRUCTION                              | [Progress bar] |    |    |    |      |    |    |    |      |    |    |    |
| PL19TX CONSTRUCTION                            | [Progress bar] |    |    |    |      |    |    |    |      |    |    |    |

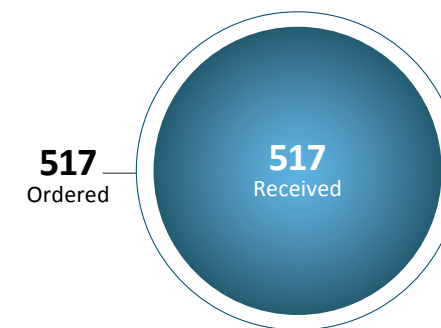
# ACTIVITY STATUS

through 12.31.2020

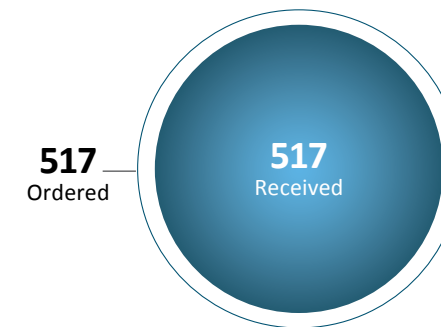
## TITLE COMMITMENTS



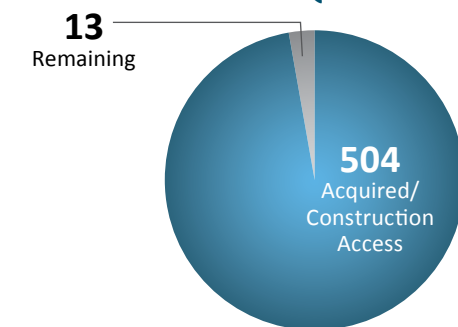
## SURVEYS



## APPRAISALS



## LAND ACQUISITION



Total Parent Parcels: 517



JCC1 December aerial of complete pump station facility



PL19TUN Design team assessing exposed rock face in vicinity of Hollywood Lake



PL17TUN Backfilling west portal shaft

# M/WBE PARTICIPATION

through 11.30.2020

| CONTRACT DESIGN AND CONSTRUCTION                | M/WBE & HUB SUB-CONTRACTORS  | CONTRACT COMMITMENT |     | M/WBE   HUB INVOICED TO DATE |                    | TOTAL PROJECT COMPLETED TO DATE |      |
|---|--|---------------------|-----|------------------------------|--------------------|---------------------------------|------|
|   |  | \$                  | %   | \$                           | % (PER COMMITMENT) | \$                              | %    |
| <b>PROGRAM WIDE PROFESSIONAL SERVICES</b>       |  | \$20,397,014        | 23% | \$19,869,650                 | 97%                | \$85,339,146                    | 97%  |
| Program Management                              |  | \$6,636,687         | 19% | \$6,636,687                  | 100%               | \$35,124,711                    | 100% |
| Conceptual Design / Environmental / Permitting  |  | \$2,655,444         | 20% | \$2,827,564                  | 106%               | \$13,248,699                    | 100% |
| Value Engineering                               |  | \$23,178            | 5%  | \$23,178                     | 100%               | \$472,248                       | 100% |
| Surveying and Mapping                           |  | \$3,939,403         | 33% | \$3,831,616                  | 97%                | \$10,786,352                    | 91%  |
| Geotechnical                                    |  | \$3,545,033         | 29% | \$3,545,033                  | 100%               | \$12,026,276                    | 100% |
| Corrosion Engineering Services                  |  | \$1,441,900         | 27% | \$764,938                    | 53%                | \$4,662,268                     | 88%  |
| Land, Easement Acquisition, & Support           |  | \$1,294,837         | 37% | \$1,534,531                  | 119%               | \$3,433,831                     | 99%  |
| Studies   |  | \$41,717            | 1%  | \$41,717                     | 100%               | \$3,587,584                     | 97%  |
| Microwave System                                |  | \$818,814           | 35% | \$664,386                    | 81%                | \$1,997,177                     | 85%  |
| <b>DESIGN</b>                                   |  | \$40,047,084        | 26% | \$37,944,197                 | 95%                | \$141,262,099                   | 92%  |
| Completed                                       |  | \$28,488,819        | 27% | \$28,479,842                 | 100%               | \$102,629,900                   | 99%  |
| Active  |  | \$10,946,709        | 22% | \$8,921,901                  | 82%                | \$38,632,199                    | 77%  |
| CH2M Hill (Ops Manual)                          | NDM  | \$1,063,611         | 16% | \$825,126                    | 78%                | \$5,192,749                     | 80%  |
| CH2M Hill (JCC1)                                | JQ, Gupta, APM, HVJ, XENCO   | \$2,322,170         | 25% | \$2,955,488                  | 127%               | \$7,517,273                     | 81%  |
| MWH   | Garzabury, Kevin Sloan   | \$364,871           | 28% | \$221,635                    | 61%                | \$1,025,773                     | 78%  |
| Black & Veatch                                  | Texas Design   | \$0                 | 0%  | \$2,100                      | 0%                 | \$460,732                       | 57%  |
| Black & Veatch                                  | BDS, CAS, JQ, TME  | \$3,056,800         | 25% | \$3,023,302                  | 99%                | \$12,278,728                    | 100% |
| Brown & Gay                                     | AZB, TME, Lamb-Star, NDM   | \$2,032,550         | 25% | \$720,078                    | 35%                | \$3,465,187                     | 43%  |
| HDR   | AZB, Daltech, Word Wizards, Gupta  | \$1,944,207         | 23% | \$1,052,673                  | 54%                | \$5,347,753                     | 64%  |
| Burns & McDonnell Trans. Mgmt.                  | Lamb-Star Engineering  | \$162,500           | 18% | \$121,498                    | 75%                | \$866,643                       | 96%  |
| Burns & McDonnell                               | HVJ, JQ, Multatech   | \$611,556           | 24% | \$542,455                    | 89%                | \$2,477,360                     | 96%  |
| Burns & McDonnell                               | HVJ, JQ, Multatech   | \$611,556           | 24% | \$542,455                    | 89%                | \$2,477,360                     | 96%  |
| Remaining                                       |  | \$0                 | 0%  | \$0                          | 0%                 | \$0                             | 0%   |
| <b>CONSTRUCTION / OWNER FURNISHED EQUIPMENT</b> |  | \$115,094,118       | 16% | \$174,380,470                | 152%               | \$694,002,655                   | 98%  |
| Completed                                       |  | \$23,389,458        | 11% | \$38,680,042                 | 165%               | \$211,792,242                   | 100% |
| Active  |  | \$91,704,660        | 40% | \$135,700,428                | 148%               | \$482,210,413                   | 97%  |
| JB3   |  | \$15,259,759        | 26% | \$12,849,193                 | 84%                | \$71,211,755                    | 94%  |
| MWH Constructors                                | Statewide, Cowboy, TX Enviro, Champion, Ram Tool, Rent-a-Fence, Soto Steel, A-Star, Ike, Greystone, LKT, Accurate, Green Scaping | \$13,809,839        | 27% | \$11,399,273                 | 83%                | \$56,660,813                    | 98%  |
| Oncor Electric                                  |  | \$1,449,920         | 3%  | \$1,449,920                  | 100%               | \$4,864,888                     | 8%   |
| Isolux Corsan                                   | Dyna Grid  | \$0                 | 0%  | \$0                          | 0%                 | \$923,119                       | 96%  |
| RE Monks  |  | \$0                 | 0%  | \$0                          | 0%                 | \$675,782                       | 14%  |
| Pentair Flow Technologies                       |  | \$0                 | 0%  | \$0                          | 0%                 | \$8,087,153                     | 72%  |
| Pipeline Section 12/13/MBR/ JB4 Bypass          |  | \$22,020,463        | 24% | \$22,270,125                 | 101%               | \$153,532,318                   | 100% |
| Thalle Midlothian                               | LKT, Statewide, Granados, Desert Steel, E TTL, Glenko, A.N.A., Edwards, Buzz, Bradley-Douglas, Pinnacle                          | \$21,207,345        | 27% | \$16,449,587                 | 78%                | \$143,230,542                   | 100% |

# M/WBE PARTICIPATION

through 11.30.2020

| CONTRACT DESIGN AND CONSTRUCTION       | M/WBE & HUB SUB-CONTRACTORS   | CONTRACT COMMITMENT   |      | M/WBE   HUB INVOICED TO DATE |                    | TOTAL PROJECT COMPLETED TO DATE |      |
|--|---|-----------------------|------|------------------------------|--------------------|---------------------------------|------|
|  |   | \$                    | %    | \$                           | % (PER COMMITMENT) | \$                              | %    |
| Pipeline Section 12/13/MBR/ JB4 Bypass |   | \$22,020,463          | 24%  | \$22,270,125                 | 101%               | \$153,532,318                   | 100% |
| Thalle Midlothian                      | LKT, Statewide, Granados, Desert Steel, E TTL, Glenko, A.N.A., Edwards, Buzz, Bradley-Douglas, Pinnacle                               | \$21,207,345          | 27%  | \$16,449,587                 | 78%                | \$143,230,542                   | 100% |
| BAR Constructors                       | Fraire's, DFW Aggregates, Ricochet, MMG, LKT, Brock, Garland Heating & Air, Texas Metal, Buzz, Rangel                                 | \$813,119             | 8%   | \$5,820,538                  | 716%               | \$10,177,546                    | 100% |
| Hilco Electric                         |   | \$0                   | 0%   | \$0                          | 0%                 | \$33,312                        | 100% |
| Oncor Electric                         |   | \$0                   | 0%   | \$0                          | 0%                 | \$90,918                        | 100% |
| Pipeline Section 17                    |   | \$15,153,548          | 23%  | \$6,928,302                  | 46%                | \$89,984,265                    | 95%  |
| IPL Partners                           | LKT, Industry Junction, Eagle Aggregate, Suncoast Res, ATS Drilling, RECS, ANA, Alliance, Ram, JC Welding, Luis Moreno                | \$9,736,346           | 23%  | \$3,827,282                  | 39%                | \$47,229,718                    | 97%  |
| Thalle Midlothian                      | Fleet Lube, Rambo Controls, AE Trucking, MKI Construction, Stome Water Management, Industry Junction, Ortega Land Clearing            | \$5,417,203           | 24%  | \$3,101,021                  | 57%                | \$42,754,547                    | 93%  |
| JCC1                                   |   | \$17,081,405          | 19%  | \$76,119,658                 | 446%               | \$97,979,337                    | 93%  |
| BAR Constructors                       | Industry Junction, K&A Steel, Ricochet Fuel, Ricochet Fuel, Tidy Toilets, Buzz Custom Fence   | \$961,990             | 6%   | \$18,008,980                 | 1872%              | \$18,960,214                    | 100% |
| BAR Constructors                       | Industry Junction, K&A Steel, Ricochet Fuel, Ricochet Fuel, Tidy Toilets  | \$14,011,932          | 23%  | \$57,186,563                 | 408%               | \$57,186,563                    | 90%  |
| Ebara                                  |   | \$0                   | 0%   | \$0                          | 0%                 | \$11,680,768                    | 202% |
| Lambda Construction                    | High Voltage  | \$2,107,483           | 37%  | \$924,115                    | 44%                | \$5,395,542                     | 93%  |
| Oncor Electric                         |   | \$0                   | 0%   | \$0                          | 0%                 | \$4,756,250                     | 100% |
| Pipeline Section 10/11                 |   | \$6,929,726           | 20%  | \$17,533,150                 | 253%               | \$55,545,326                    | 100% |
| IPL Partners                           | LKT, Industry Junction, Eagle Aggregate, Suncoast Res, ATS Drilling, RECS, ANA, Alliance, Ram, JC Welding, Luis Moreno                | \$5,525,491           | 25%  | \$4,027,614                  | 73%                | \$42,022,337                    | 100% |
| 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 | \$1,404,235           | 11%  | \$13,505,536                 | 962%               | \$13,505,536                    | 100% |
| Valve Packages                         |   | \$0                   | 0%   | \$0                          | 0%                 | \$13,957,413                    | 98%  |
| <b>CONSTRUCTION MANAGEMENT</b>         |   | \$18,034,224          | 33%  | \$19,232,868                 | 107%               | \$48,266,072                    | 89%  |
| Completed                              |   | \$5,928,803           | 38%  | \$5,954,412                  | 100%               | \$15,747,552                    | 100% |
| Active                                 |   | \$12,105,421          | 32%  | \$13,278,457                 | 110%               | \$32,518,520                    | 85%  |
| <b>CONSTRUCTION MATERIALS TESTING</b>  |   | \$6,610,919           | 51%  | \$5,322,237                  | 81%                | \$10,210,243                    | 79%  |
| Completed                              |   | \$219,036             | 97%  | \$219,036                    | 100%               | \$225,132                       | 100% |
| Active                                 |   | \$6,391,882           | 50%  | \$5,103,201                  | 80%                | \$9,985,111                     | 79%  |
| ROCIP                                  |   | \$900,661             | 3%   | \$370,813                    | 41%                | \$23,093,737                    | 73%  |
| <b>TOTAL</b>                           |   | \$207,694,938         | 26%  | \$257,120,236                | 124%               | \$1,002,173,952                 | 95%  |
| <b>LAND COST</b>                       |   | \$0                   | 0%   | \$61,892                     | 0%                 | \$78,289,597                    | 246% |
| <b>MISCELLANEOUS</b>                   |   | \$0                   | 0%   | \$0                          | 0%                 | \$3,883,792                     | 5%   |
| <b>GRAND TOTAL</b>                     |   | \$207,694,938         | 26%* | \$257,182,128                | 124%               | \$1,084,347,342                 | 96%  |
|  |   | M/WBE/HUB Invoiced    |      |                              |                    | \$257,182,128                   |      |
|  |   | Grand Total Invoiced  |      |                              |                    | \$1,084,347,342                 |      |
|  |   | * Exclusions Invoiced |      |                              |                    | \$322,115,641                   |      |
|  |   | MWBE %                |      |                              |                    | 33.7%                           |      |

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



# PROJECT COMPONENTS

| PIPELINE SEGMENTS | 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                  | 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                            | 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   |

