

GROUNDWATER REDUCTION PLAN PROGRAM

**MONTHLY PROGRESS REPORT -
NOVEMBER AND DECEMBER 2014**



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ACRONYMS AND DEFINITIONS

ACRONYMS

| | |
|-------------|---|
| CA&I | Construction Administration and Inspection |
| CCT | Construction Communication Team |
| CIP | Capital Improvement Project |
| CM&I | Construction Management and Inspection |
| CMAR | Construction Manager At Risk |
| CMT | Construction Materials Testing |
| CSB / P | Competitive Sealed Bid / Proposal |
| EA | Environmental Assessment |
| EAC | Estimate At Completion |
| FONCS | Fiber Optics Network Communication System |
| GIS | Geographic Information System |
| GRP | Groundwater Reduction Plan |
| GST | Groundwater Storage Tank |
| HSPS | High Speed Pump Station |
| LSGCD | Lone Star Groundwater Conservation District |
| LVGU | Large Volume Groundwater User |
| NTP | Notice To Proceed |
| PER | Preliminary Engineering Report |
| PMP | Program Management Plan |
| PVC | Polyvinyl Chloride |
| PSA | Professional Services Agreement |
| QA | Quality Assurance |
| RCCP | Reinforced Concrete Cylinder Pipe |
| RFB / Q / P | Request For Bids / Qualifications / Proposals |
| RWI / RWPS | Raw Water Intake / Raw Water Pump Station |
| SJRA | San Jacinto River Authority |
| SOQ | Statement of Qualifications |
| SWF | Surface Water Facilities (SWTP, HSPH and RWI) |
| SWRF | Surface Water Receiving Facilities |
| SWTP | Surface Water Treatment Plant |
| TCEQ | Texas Commission on Environmental Quality |

DEFINITIONS

| | |
|--|---|
| TWDB | Texas Water Development Board |
| TXDOT | Texas Department of Transportation |
| WIF | Water Infrastructure Fund |
| GROUNDWATER REDUCTION PLAN (GRP) | The document developed and filed with the LSGCD indicating SJRA's plan to reduce the permitted 2009 groundwater pumpage of its GRP Participants by 30%. The GRP is administered by the SJRA, including any supplements, revisions, or amendments. |
| GRP PROGRAM TEAM | SJRA staff, Program Management Consultant (Brown & Gay Engineers, Inc.) staff, and technical consultants working interdependently toward meeting the goals of the Groundwater Reduction Plan. |
| GRP ADMINISTRATOR | The SJRA General Manager's designee who administers the SJRA Groundwater Reduction Plan and GRP Contract with GRP Participants. |
| GRP CONTRACT | Contract between the SJRA and a Participant to be included in the SJRA's efforts to meet the surface water conversion requirements mandated by the LSGCD. |
| GRP EXTENSION PROJECTS | Safe harbor related projects not related to Phase 1, but tracked independently of Phase 1. |
| JOINT GRP | GRP which is prepared to include (takes into account) LVGUs who have executed a GRP Contract with the SJRA to join the SJRA's GRP. Contracted LVGUs obtain LSGCD groundwater reduction regulation compliance through the SJRA's Joint GRP without preparing and submitting a GRP. |
| LARGE VOLUME GROUNDWATER USER(S) (LVGU) | Any person or entity that, through a single well or a combination of wells, actually produces or is authorized by permit(s) issued by the LSGCD to produce 10 million gallons or more of groundwater annually on or after January 1, 2008. |
| PARTICIPANT(S) | Regulated User(s) that enters into and remains subject to a written agreement with the SJRA to be included in the SJRA's GRP and includes the legal successors or assigns of Participant(s). |
| REGULATED USER(S) | Any public or private entity or person that is or becomes subject to the District Regulatory Plan established by the LSGCD and includes any amendments, revisions or supplements thereto as may be adopted by the LSGCD. |
| SJRA GRP DIVISION | Division of the SJRA responsible for GRP compliance, and the management, administration, operation and maintenance of the surface water facilities and surface water transmission system. |



1.0 PLANNING

The GRP Program Team meets regularly for the purposes of setting performance expectations and goals of the GRP Program, identifying the efforts required to achieve these objectives, evaluating the effectiveness of such efforts, and modifying those efforts based upon both internal and external performance evaluations.

1.1 STRATEGIC

During November and December the GRP Program Team worked to develop start-up plans. Starting each water treatment plant component and then bringing them all together into an operating system is very complex. The process requires testing of each mechanical, electronic, and communication device. The transmission system requires the flushing and disinfection of all of the pipelines as well as the valves and controls at each Surface Water Receiving Facility.

1.2 ENGINEERING AND CONSTRUCTION

All procurement services for construction proposals for Phase I, with the exception of the permanent access road and Segment W3D, have been completed and fifteen transmission line construction contracts have been awarded. The engineering consultants will continue to provide construction phase services by reviewing submittals and requests for information as work proceeds.

1.3 MEETINGS

Various meetings continued this month with the GRP Program Team. A listing of these meetings is attached as ***Exhibit 9***.



Fiber Optic Termination Panel—Interior

2.0 PROJECT ACTIVITIES

Currently, the GRP Program remains on schedule for the delivery of treated surface water to select Joint GRP Participants on or before January 1, 2016. A simplified GRP Program schedule can be found in attached **Exhibit 1**.

2.1 ENGINEERING

SURFACE WATER TRANSMISSION SYSTEM

Segments T1, T2, T3, W1A, W1B, W2A, W2B, W3A, W3B, W4, C1A, C1B, C2, C3, C4, Surface Water Receiving Facilities—North, Surface Water Receiving Facilities—South, Standpipe, and Fiber Optic Communications System – Design is complete. Engineering consultants are providing construction phase services.

Segment W3D - Segment W3D includes approximately 6,200 linear feet of 16-inch and 12-inch waterline and 3-inch fiber optic conduit along Maplewood Drive and Robinson Road between Southern Montgomery County (SMC) MUD Plant No. 3 and the City of Oak Ridge North Plant. Segment was advertised in October, awarded in December, and anticipate Notice to Proceed in January.

Construction Management and Inspection (CM&I) – The CM&I consultant provided management and inspection services for Transmission Segments T1, T2, T3, W1A, W1B, W2A, W2B, W3A, W3B, W4, C1A, C1B, C2, C3, C4, WRF-N, WRF-S, and the Standpipe.

Construction Materials Testing Consultant (CMT) - CMT consultant is currently working with CM&I staff to perform industry standard construction materials testing. Testing includes subgrade and backfill soil densities, compressive strengths, masonry, and coatings.

SURFACE WATER FACILITIES

Raw Water Intake Pump Station – Design is complete. Engineering consultant is providing construction phase services.

Surface Water Treatment Plant – Design is complete. Engineering consultant is providing construction phase services.

High Service Pump Station and Ground Storage Tanks – Design is complete. Engineering consultant is providing construction phase services.

Permanent Access Road - 90% submittal in December. SJRA anticipates to review and provide comments to the Consultants in February.

Construction Administration and Inspection (CA&I) – The CA&I consultant for the SWF is currently working with the CMAR and SJRA staff to review submittals and RFI's, and provide constant field monitoring and inspection of the systems being installed.

Construction Materials Testing Consultant (CMT) - The CMT consultant for the SWF is currently working with the CMAR and CA&I staff to perform industry standard construction materials testing. Testing includes soil densities, compressive strength/properties of concrete placed; and welding, coatings, and masonry testing.

Cathodic Protection - The cathodic protection consultant has completed their design effort for both the transmission line segments and the Surface Water Facilities and is providing construction phase services.

2.2 STATE AGENCY COORDINATION

The Texas Water Development Board (TWDB) completed the field inspection of the Surface Water Facilities construction site on November 25, 2014. TWDB visited various transmission line segment construction sites on November 7, 14, 18, 19, and 20, 2014.



Stainless nuts and bolts utilized in the construction project

2.0 PROJECT ACTIVITIES (CONTINUED)

2.3 SURFACE WATER TRANSMISSION SYSTEM PROJECT DATA

The month of December concluded with the installation of approximately 256,977 feet or 48.7 miles of various sized concrete coated steel pipe, PVC pipe, and bar wrapped concrete mortar pipe along the majority of the transmission line segments. This represents approximately 95% of the total planned pipe to be installed throughout Montgomery County on or before January 1, 2016. The following graphs and charts show the progress of Transmission Line Segments T1, T2, T3, W1A, W1B, W2A, W2B, W3A, W3B, W4, C1A, C1B, C2, C3, C4, Surface Water Transmission North Water Receiving Facilities (SWRF-N), Surface Water Transmission South Water Receiving Facilities (SWRF-S), Standpipe, and Fiber Optics Network Communication System (FONCS) thus far.

Water baffles at the Pretreatment Facility



| Surface Water Transmission System Total | Progress To Date |
|--|------------------|
| Total Contracted Amount | \$149,001,350.29 |
| Total Invoiced To Date | \$133,164,445.77 |
| Total % Complete Based on Invoice Amount | 89% |



| Segment | T1 | T2 | T3 | SWRF-S | FONCS |
|-------------------|-----------------|-----------------|-----------------|----------------|----------------|
| Contracted Amount | \$14,521,937.14 | \$13,475,718.33 | \$11,393,193.97 | \$7,127,383.00 | \$2,885,432.35 |
| Invoiced To Date | \$14,097,492.64 | \$12,825,963.20 | \$8,728,508.00 | \$6,582,279.10 | \$1,497,534.62 |
| % Complete | 97% | 95% | 77% | 92% | 52% |

2.0 PROJECT ACTIVITIES (CONTINUED)



| Segment | W1A | W1B | W2A | W2B | W3A | W3B | W4 |
|-------------------|----------------|----------------|-----------------|-----------------|----------------|----------------|----------------|
| Contracted Amount | \$8,222,000.50 | \$7,213,544.50 | \$16,340,258.02 | \$16,161,600.00 | \$7,880,207.50 | \$8,124,485.50 | \$3,656,604.23 |
| Invoiced To Date | \$7,455,776.81 | \$6,700,002.40 | \$15,193,890.37 | \$14,795,303.63 | \$7,201,156.20 | \$6,058,333.55 | \$3,289,489.02 |
| % Complete | 91% | 93% | 93% | 92% | 91% | 75% | 90% |

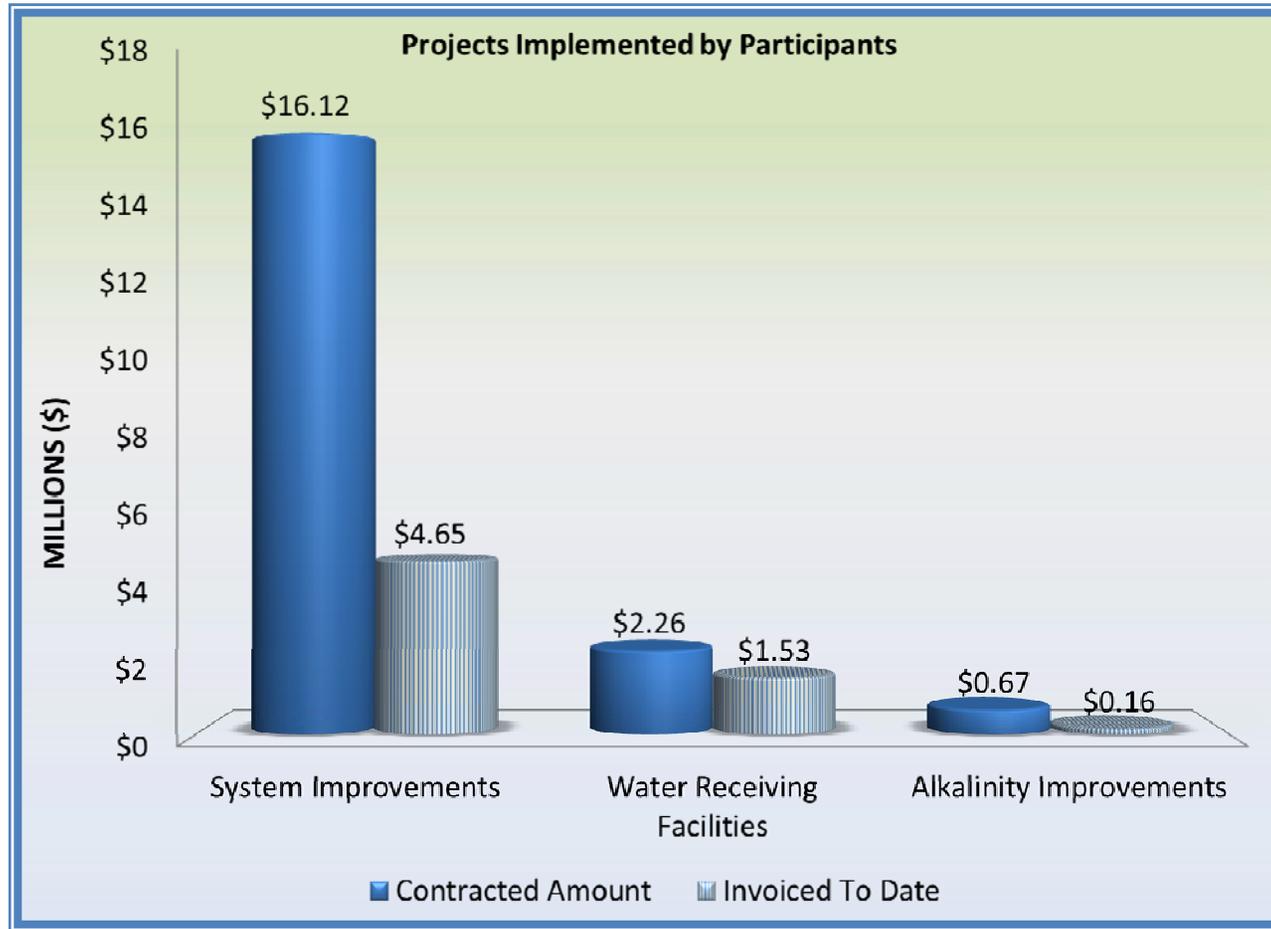


2.0 PROJECT ACTIVITIES (CONTINUED)



| Segment | C1A | C1B | C2 | C3 | C4 | SWRF-N | STANDPIPE |
|-------------------|----------------|--------------|----------------|----------------|----------------|----------------|----------------|
| Contracted Amount | \$3,837,683.40 | \$544,393.60 | \$9,014,837.00 | \$4,972,314.80 | \$5,115,396.90 | \$6,160,184.55 | \$2,354,175.00 |
| Invoiced To Date | \$3,675,844.75 | \$544,393.60 | \$8,140,076.35 | \$4,894,143.54 | \$4,054,863.51 | \$5,491,301.11 | \$1,938,073.37 |
| % Complete | 96% | 100% | 90% | 98% | 79% | 89% | 82% |

2.0 PROJECT ACTIVITIES (CONTINUED)



| Project | System Improvements | Water Receiving Facilities | Alkalinity Improvements |
|-------------------|---------------------|----------------------------|-------------------------|
| Contracted Amount | \$16,117,794.31 | \$2,259,088.00 | \$674,997.00 |
| Invoiced To Date | \$4,650,871.43 | \$1,527,757.10 | \$164,669.00 |
| % Complete | 29% | 68% | 24% |



2.0 PROJECT ACTIVITIES (CONTINUED)

2.4 SURFACE WATER TRANSMISSION SYSTEM CONSTRUCTION PROGRESS

Significant progress continues to be made each month with regard to pipe installation on each of the fifteen Surface Water Transmission Line Segments. The chart below represents the overall pipe installation statistics through the month of December.

| Transmission Line System Pipe Installation Statistics to Date | |
|---|------------|
| Total Piping Installed to Date | 48.7 miles |
| Total % of Pipe Installed to Date | 95% |

Segment T1 - Contractor continued the disinfection process for the 60-inch concrete coated steel pipe. Site restoration continued within the SJRA Campus, along McCaleb Road, and at the Highlands Ranch Subdivision entrance. Contractor removed filter fabric fence. 100% of pipe installation totaling 20,514 feet of 60-inch concrete coated steel pipe was installed and completed in May. (See Exhibit 11, Page 46)

Segment T2 - Contractor continued hydrostatic pressure testing the 54-inch concrete coated steel pipe along Fish Creek Thoroughfare. Contractor setup to disinfect Sections: 1, 2, 3, 4, and 6. Contractor continued addressing site restoration and erosion control measures along Fish Creek Thoroughfare. Filter fabric fence was removed. 100% of pipe installation totaling 23,475 feet of 60-inch and 54-inch concrete coated steel pipe was installed and completed in May. (See Exhibit 11, Page 47)

Segment T3 - Contractor continued tunneling operations and open-cut installation of 54-inch concrete coated steel pipe and 54-inch steel pipe and site restoration along FM 2978 near the Target Shopping Center. Contractor prepared the site for the holiday break. Approximately 15,716 feet of 54-inch concrete coated steel and steel pipe along Fish Creek Thoroughfare and FM 2978 has been installed through this month. (See Exhibit 11, Page 48)

Segment W1A - Certificate of Substantial Completion was issued to Contractor in December. Contractor began addressing substantial completion punchlist items. Cathodic protection inspection began throughout the segment. 100% of pipe installation totaling 23,064 feet of 54-inch steel pipe, 48-inch concrete coated steel, and 16-inch PVC pipe was installed and completed in July. (See Exhibit 11, Page 50)

Segment W1B - Certificate of Substantial Completion was issued to Contractor in December. Contractor began addressing substantial completion punchlist items. Contractor reworked and reseeded in the construction area of Research Forest and west of Crownridge. 100% of pipe installation totaling 17,140 feet of 48-inch and 42-inch concrete coated steel pipe and 20-inch and 16-inch PVC pipe was installed and completed in October. (See Exhibit 11, Page 51)

Segment W2A - Certificate of Substantial Completion was issued to Contractor in December. Contractor began addressing substantial completion punchlist items. Hydrostatic test of the 42-inch and 24-inch waterlines between Bear Springs and Shadowbend was performed and passed. Approximately 20,399 feet of 30-inch and 20-inch PVC pipe and 42-inch concrete coated steel pipe was installed through this month. (See Exhibit 11, Page 52)

Segment W2B - Certificate of Substantial Completion was issued to Contractor in December. Contractor began addressing substantial completion punchlist items. Contractor completed the fiber optic conduit testing and all passed. Site restoration along Grogan's Mill occurred. 100% of pipe installation totaling 14,042 feet of 30-inch PVC pipe was installed and completed in October. (See Exhibit 11, Page 53)

Segment W3A - Certificate of Substantial Completion was issued to Contractor in December. Contractor began addressing substantial completion punchlist items. Contractor installed dewatering system along Budde Road. All paving along Grogan's Mill was completed. Contractor conducted hydrostatic testing of the 24-inch waterline from South Millbend to Millpark Drive. The installation of fiber optic conduit along Westridge Drive near Budde Road took place. The Contractor installed the 20-inch waterline around the lift station on Budde Road and completed tie-ins on Pruitt Road. Approximately 13,352 feet of 24-inch, 20-inch, and 12-inch PVC pipe has been installed through this month. (See Exhibit 11, Page 54)



2.0 PROJECT ACTIVITIES (CONTINUED)

Segment W3B - Contractor completed installation of 18-inch PVC pipe along the drainage ditch from Robinson Road to Rayford Road MUD Water Plant No. 1. Contractor installed 16-inch waterline under Richard Road in the tunnel casing and continued 16-inch waterline via open cut installation approximately 100 LF past Richards Road. Contractor began and continues to fuse PVC pipe for Horizontal Directional Drilling installation under playground area near Richards Road. Approximately 18,557 feet of 20-inch, 18-inch, 16-inch, and 12-inch PVC pipe has been installed through this month. (See Exhibit 11, Page 56)

Segment W4 - Contractor continues working on substantial completion punchlist items. Contractor installed air release valve vents and bollards from Marisco Place to SJRA Water Plant No. 5. Approximately 13,103 feet of 24-inch and 20-inch PVC pipe has been installed through this month. (See Exhibit 11, Page 58)

Segment C1A - Contractor is performing punchlist items and continuing to test fiber optic conduits. Contractor continues miscellaneous final site restoration items. 100% of pipe installation totaling 10,272 feet of 42-inch bar wrapped concrete mortar pipe was completed in August. (See Exhibit 11, Page 59)

Segment C1B - Completed. (See Exhibit 11, Page 60)

Segment C2 - Contractor continued site restoration along Entergy's easement. Subcontractor completed pilot hole for tunnel crossing and began placing bore pits for the waterline installation under Loop 336. Contractor began preparations for hydrostatic testing from C1A to League Line Road and from the City of Conroe's Water Plant No. 21 south towards League Line Road. Approximately 28,658 feet of 36-inch bar wrapped concrete mortar pipe; 30-inch concrete coated steel pipe; and 24-inch, 16-inch, and 12-inch PVC pipe has been installed through this month. (See Exhibit 11, Page 61)

Segment C3 - Contractor continues to address substantial completion punchlist items. Contractor continued to perform site grading and restoration. 100% of pipe installation totaling 22,334 feet of 20-inch and 16-inch PVC pipe was installed and completed in October. (See Exhibit 11, Page 63)

Segment C4 - 100% of pipe installed. Contractor began hydrostatic testing and installed manholes along FM 830 near I-45. Approximately 13,896 feet of 24-inch and 20-inch PVC pipe has been installed through this month. (See Exhibit 11, Page 64)

Standpipe - Approximately 440,000 gallons of water was released from the Standpipe to Segment C2 and C4 lines for hydrostatic pressure testing. Overall Standpipe construction status is approximately 82% complete. (See Exhibit 12, Page 69)

Fiber Optic Communications System - Contractor completed fiber optic-conduit, innerduct, and appurtenances within the Girl Scouts property. A partial substantial walkthrough was completed. Contractor began work on partial substantial completion punchlist items. Contractor began installation of wolf bags, cable tags, and tracer wire connections for section from Girl Scouts property to City of Conroe's Water Plant No. 20 and No. 22. Fiber Optic Termination Panel Cabinets were delivered and installation began at Conroe Water Plant No. 15, No. 20, and No. 22. Fiber Optic Communications System construction is approximately 52% complete. (See Exhibit 13, Page 71).



Limatorque valve actuator located in the Raw Water Intake

2.0 PROJECT ACTIVITIES (CONTINUED)

Ground Storage Tanks and start of transmission lines from the Surface Water Treatment Plant



SURFACE WATER RECEIVING FACILITIES

Surface Water Receiving Facilities - North - Contractor received Certificate of Substantial Completion and began addressing substantial completion punchlist items. City of Conroe performed a final site inspection at all City of Conroe sites. (See Exhibit 11, Page 65)

Surface Water Receiving Facilities - South - Generator placement occurred at SJRA Water Plant Nos. 1, 2, 3, and SMC MUD Water Plant No. 2. Painting and coating was performed at all facilities. Site Restoration continues at SJRA Water Plant No. 1, SMC MUD Water Plant No. 2, and SMC MUD Water Plant No. 3. (See Exhibit 11, Page 67)

2.5 SURFACE WATER FACILITY CONSTRUCTION PROGRESS AND PROJECT DATA

Raw Water Intake - Contractor successfully performed the Raw Water Pump No. 1 and No. 2 acceptance tests. Contractor completed the installation and successfully tested the airburst supply line. Main voltage 15KV transformers, 480V switchboard, motor control center, and panel boards were energized. Raw Water Pump No. 1 and No. 2 were successfully operated with the variable frequency drive.

Surface Water Treatment Plant - Construction activities continue at the Operations, Chemical, Power Supply, Generator, Pretreatment, Membrane, Backwash Equalization, Process Water Recovery Basin, Belt Filter Press Building, Blower Building, and GAC facilities. Electrical power, data, and lighting conduit installation continues at the structures. Roofing activities are still occurring on the site this month. Testing and commissioning the electrical and mechanical equipment continues at various facilities. Chemical pipe hydrostatic tests occurred at the Chemical Building. Contractor began to pull wire and cable to the generator and fuel system at the Power Supply Building. Contractors completed the installation of handrails, meter station foundation concrete, and assembled scaffolding for electrical activities at the GAC. Contractor continues to test various piping, install conduit, and to pull wire at the Membrane Building. At the Operations Building, the Contractor began addressing punchlist items. The parking area and sidewalk concrete forms were completed, and furniture was delivered.

High Service Pump Station - Contractor continues installation of electrical conduit and cable support, electrical equipment, and HVAC. Contractor continues installing ceiling and exterior fixtures. The motor control center and panel board between the electrical and pump room were installed. Contractor continued with the installation of the security system equipment.

Ground Storage Tanks - Contractor began piping for the Pressure Relief Station, placed the overflow box concrete, and installed piping on side of tanks. Contractor continued to install the Pressure Relief Valve Station 20-inch and 24-inch lines.

Site Work - Large diameter yard piping, potable water piping, sanitary sewer, manholes, junction boxes, drain line, and storm sewer installation continue to progress. Electrical duct bank testing continues, and Contractor began pulling fiber optic through the data duct banks between site structures. The chart below represents Surface Water Facilities progress through the month of December.

| Name of Project | Contracted | Invoiced To Date | % Complete Based |
|-----------------|---------------|------------------|------------------|
| Surface Water | \$190,704,740 | \$156,050,576.00 | 81.8% |

2.0 PROJECT ACTIVITIES (CONTINUED)

2.6 FACILITY IMPROVEMENTS

Various projects are being implemented by GRP Participants on behalf of the GRP. These include system improvements that are required due to the delivery of surface water to the Participants' water receiving facilities and improvements at their wastewater treatment plants to address differences in alkalinity of surface water based wastewater.

SYSTEM IMPROVEMENTS

Conroe Water Distribution - A Supplemental Agreement was approved whereby the GRP will reimburse the City of Conroe for water system improvements needed for the distribution of surface water throughout the City's water system. The design is complete and construction started in December 2014.

16-inch Well Collection Line from Woodlands WW9 and WW10 - Contractor began and continues to horizontally directionally drill the 16-inch well collection line near SJRA Elevated Storage Tank No. 3 at Green Bridge Drive and Research Forest. Approximately 6,116 linear feet of 16-inch PVC pipe has been installed through December 2014.

College Park 16-inch Well Collection Line and 12-inch Water Line Loop - Contractor has completed pipe installation other than the section at Harper's Landing Boulevard. Approximately 8,500 linear feet of 12-inch and 16-inch PVC pipe has been installed through December 2014.

WATER RECEIVING FACILITIES

Oak Ridge North Water Plant - Contractor is substantially complete. Currently working on site restoration and continuing to work on masonry brick fence.

Rayford Road MUD Water Plants - Contractor continues to pull electrical wiring, perform testing on electrical equipment, and programming.

Mid-South Water Plant - Contractor mobilized and began construction in December. Currently the contractor has installed plumbing, placed the

Flow Control Pressure Station slab, and began installation of the structural steel and roofing.

ALKALINITY IMPROVEMENTS

Woodlands Alkalinity Improvements - SJRA submitted staff review comments on the 100% design documents to the Design Engineer. The Design Engineer is addressing staff review comments. Anticipate advertising in spring of 2015 for construction contract.

Southern Montgomery County (SMC) MUD - A Supplemental Agreement with SMC MUD was approved by the SJRA Board on October 30, 2014. Certain modifications to SMC MUD's wastewater treatment plant are required to mitigate the impacts from the delivery and distribution of surface water. Under the GRP Contract with SMC MUD, the GRP is obligated to reimburse SMC MUD for the cost of the modifications. The funding for these improvements is budgeted in the GRP Program. Design is in process.



Construction of electrical duct bank from the power supply to the Pretreatment Facility

3.0 PROCUREMENT

3.1 SOLICITATIONS

The following advertisements for solicitations occurred for November and December:

- None

3.2 CONTRACTS/AGREEMENTS/WORK ORDER APPROVALS

The following contracts/agreements/work orders were approved in December:

- Construction Contract for Surface Water Transmission Line, Segment W3D
- Work Order No. 11 for Construction Phase Services During Construction of Surface Water Transmission Line, Segment W3D
- Work Order No. 4 for Construction Materials Testing During Construction of the Surface Water Transmission Line, Segment W3D

3.3 PROCESS AND PROCEDURES

The GRP Program will utilize traditional procurement methods for consultant services and alternative project delivery methods in the procurement of contractor services, if those services are required.

3.4 LOOK AHEAD

The following list provides a very general look ahead at known and anticipated GRP Program professional services and construction contractor solicitations, contract awards, agreements, and/or contract/work order amendments. Solicitations may be combined, modified, or canceled, or time frames may be modified as deemed necessary.

- None anticipated for January, 2015

4.0 COST REPORT AND FINANCIAL CONSIDERATIONS

4.1 GRP PROGRAM AND GRP PROJECT CIP BUDGET(S)

Through this month the GRP Program remains under its construction cost estimate of \$500,000,000 and forecasts continue to indicate it will be

completed under budget (see also subsection 4.6 and **Exhibit 2**). A summary of the GRP Program's CIP budget and cost considerations as reported to the GRP Review Committee and the SJRA Board of Directors is provided as attached **Exhibit 2**.

A summary of the SJRA GRP Division's Fiscal Year 2015 operating budget (revenue and expenditures) for the months of November and December are provided as **Exhibit 8**. The budget includes all normal and customary expenses for operating a utility-based, non-profit business, including debt service, and is developed annually for approval by the SJRA Board of Directors.

The SJRA Board of Directors has authorized bond funding for the GRP Program in the amount of \$552,250,358.49 (Net \$479,743,492.79); see also **Exhibit 4**. This funding allows the SJRA to secure all of the resources required to perform professional services, construction services, and procure long lead time equipment during the design phase of the GRP Program.

4.2 FINANCIAL REPORTS

Exhibit 5 illustrates the funding sources presently applied towards the GRP Program CIP budget.

- 1.) TWDB Water Infrastructure Fund (WIF)
- 2.) The sale of open market Special Project Revenue Bonds, Series 2011
- 3.) TWDB Dfund, Series 2011A
- 4.) TWDB Dfund, Series 2012
- 5.) TWDB Dfund, Series 2012A
- 6.) TWDB Dfund, Series 2013
- 7.) Operating Cash

Contracted commitments are summarized in Table 4.1 for the months of November and December. The GRP Program's funding and forecasted expenditures are further detailed in attached **Exhibits 2, 3, and 4**.

Please note that financial reports do not include investment income.

4.0 COST REPORT AND FINANCIAL CONSIDERATIONS

4.3 INVOICES/APPLICATIONS FOR PAYMENT

The tables below represent November and December GRP Program Consultant Invoices and/or Construction Contractor Applications for Payment paid through the end of the report month (Item F).

November 2014

| Table 4.1 - GRP Program Funding and Contracted Commitments Summary | | | |
|--|------------------------|---------------------------|---------------------------------|
| | Previous 10/31/2014 | November 2014 Activity | Year to Date (Thru 11/30/14) |
| A. Approved Funding | 552,637,738.07 | 2,193.00 | 552,639,931.07 |
| B. Available Funding After Costs | 480,133,401.45 | 2,193.00 | 480,135,594.45 |
| C. Approved Contracts | | | |
| Phase I | 466,492,052.58 | 2,453,496.00 | 468,945,548.58 |
| Extensions | 772,269.00 | 99,800.00 | 872,069.00 |
| D. Project Close Out | | | |
| Phase I | (1,456,106.64) | - | (1,456,106.64) |
| Extensions | - | - | - |
| E. Uncontracted Funding | 14,325,186.51 | (2,551,103.00) | 11,774,083.51 |
| F. Invoices Paid * | | | |
| Phase I | 354,347,092.11 | 14,070,057.48 | 368,417,149.59 |
| Extensions | 217,340.69 | 52,293.59 | 269,634.28 |
| G. Remaining Funds ** | 125,568,968.65 | (14,120,158.07) | 111,448,810.58 |

*Invoices Paid -Figures reflect actual funds paid out as of period end dates noted.

**Remaining Funds-Excludes net investment income

December 2014

| Table 4.1 - GRP Program Funding and Contracted Commitments Summary | | | |
|--|------------------------|---------------------------|---------------------------------|
| | Previous 11/30/2014 | December 2014 Activity | Year to Date (Thru 12/31/14) |
| A. Approved Funding | 552,639,931.07 | 443.00 | 552,640,374.07 |
| B. Available Funding After Costs | 480,135,594.45 | 443.00 | 480,136,037.45 |
| C. Approved Contracts | | | |
| Phase I | 468,945,548.58 | 104,064.00 | 469,049,612.58 |
| Extensions | 872,069.00 | 197,766.00 | 1,069,835.00 |
| D. Project Close Out | | | |
| Phase I | (1,456,106.64) | - | (1,456,106.64) |
| Extensions | - | - | - |
| E. Uncontracted Funding | 11,774,083.51 | (301,387.00) | 11,472,696.51 |
| F. Invoices Paid * | | | |
| Phase I | 368,417,149.59 | 11,500,477.21 | 379,917,626.80 |
| Extensions | 269,634.28 | - | 269,634.28 |
| G. Remaining Funds ** | 111,448,810.58 | (11,500,034.21) | 99,948,776.37 |

*Invoices Paid -Figures reflect actual funds paid out as of period end dates noted.

**Remaining Funds-Excludes net investment income



4.0 COST REPORT AND FINANCIAL CONSIDERATIONS (CONTINUED)

4.4 CONTRACT AMENDMENTS AND CHANGE ORDERS

Each of the GRP Program contracts, agreements and work orders listed in Section 3.2 were presented at the GRP Review Committee and the SJRA Board of Directors meetings in December. The following items were authorized by the SJRA Board of Directors for execution by the SJRA General Manager.

- Work Order No. 11 for Construction Phase Services During Construction of Surface Water Transmission Line, Segment W3D
- Work Order No. 4 for Construction Materials Testing During Construction of the Surface Water Transmission Line, Segment W3D

4.5 CLAIMS

If and when claims are received, they will be addressed by the GRP Program Team. SJRA reserves the right to withhold certain claims information that is subject to ongoing investigation, pending or threatened litigation, or covered by attorney-client privilege.

4.6 CIP CASH FLOW

The GRP Program CIP cash flow through calendar year 2015 reflects known expenditures through this month as seen in Table 4.1. Estimates for future expenditures are included in **Exhibit 2**. All active and currently identified future GRP Program projects and initiatives are included in the cash flow. A graph of forecasted monthly expenditures from the referenced cash flow is attached as **Exhibit 3**.

4.7 CIP BUDGET ESTIMATES AT COMPLETION

4.7.1 GRP Program

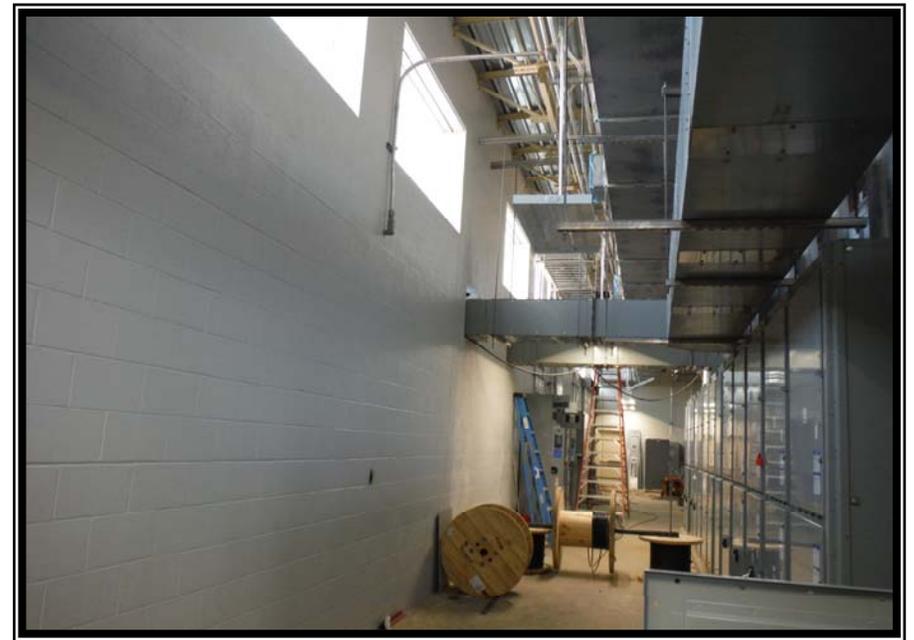
The **total gross funds** (including capitalized interest) required to execute Phase I of the GRP Program are currently estimated at \$564,335,358.49. Additionally, all current GRP Program contracts, including their respective SJRA Board of Director's approved budgeted amounts are listed in **Exhibit 6**.

4.7.2 GRP Projects

The GRP Program projects remained within their approved contract budgets this month. **Exhibit 6** indicates each active GRP Program project and GRP Program contract.

4.8 LAND ACQUISITION

The GRP Program Team, with the support of its various land acquisition consultants, are in the final stages of acquiring land and easements necessary for the surface water transmission system. A total of fourteen easements involving two property owners still remain to be finalized. Negotiations to acquire the remaining easements are at or near final stages of completion. A cumulative summary of easement acquisition activity is provided in **Exhibit 7**.



Electrical equipment installation at the High Service Pump Station

5.0 QUALITY ASSURANCE

5.1 FINAL DESIGN

Final design is complete for Surface Water Treatment Plant, Transmission Lines, Standpipe, Fiber Optic Communications Network, and Water Receiving Facilities. Design of permanent access road is underway and the site landscaping will occur in the future.

5.2 PRE-CONSTRUCTION

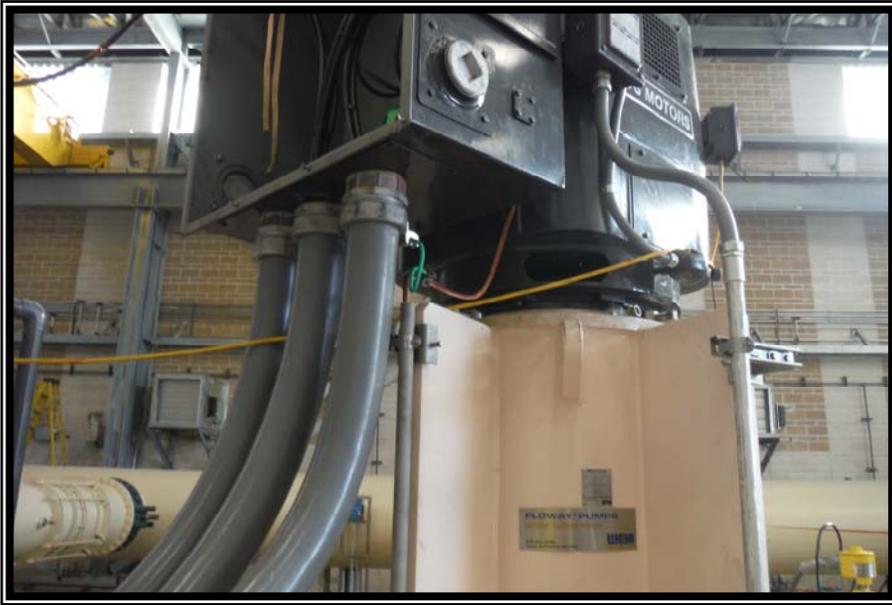
There were no pre-construction meetings held this month.

5.3 CONSTRUCTION

Quality Assurance efforts by SJRA construction inspectors, as well as the CA&I consultant continued this month on the SWF project. Virtually every building on the SWF project site is progressing timely toward meeting the established SWF substantial completion date. Quality Assurance efforts include regular visits to the project site to monitor and document observed progress. Similar Quality Assurance efforts by SJRA construction inspectors and the CM&I consultant continued this month on the transmission lines.



*Left: Pump motor in the Raw Water Intake
Above: Air conditioning duct work in the Raw Water Intake
Bottom: Switch gear in the Raw Water Intake*



6.0 EXHIBITS

Exhibit 1—GRP Program Schedule

Exhibit 2—GRP Program Estimate-At-Completion

Exhibit 3—GRP Program Monthly Forecasted Expenditures

Exhibit 4—GRP Program Fund Data

Exhibit 5—Monthly GRP Program Funding Report

Exhibit 6—GRP Program Current Authorizations

Exhibit 7—Land Acquisition Summary

Exhibit 8—GRP Schedule of Revenues & Expenses—Actual & Budget

Exhibit 9—GRP Program Monthly Meeting Log

Exhibit 10—Surface Water Facilities (SWF) Construction Photos

Exhibit 11—Transmission Line System Construction Photos

Exhibit 12—Surface Water Standpipe Construction Photos

Exhibit 13—Fiber Optic Network Communication System



Left: Stairway to Roof in the Operations Building

Above: Server Racks in the Operations Building

Bottom: Conference Room in the Operations Building

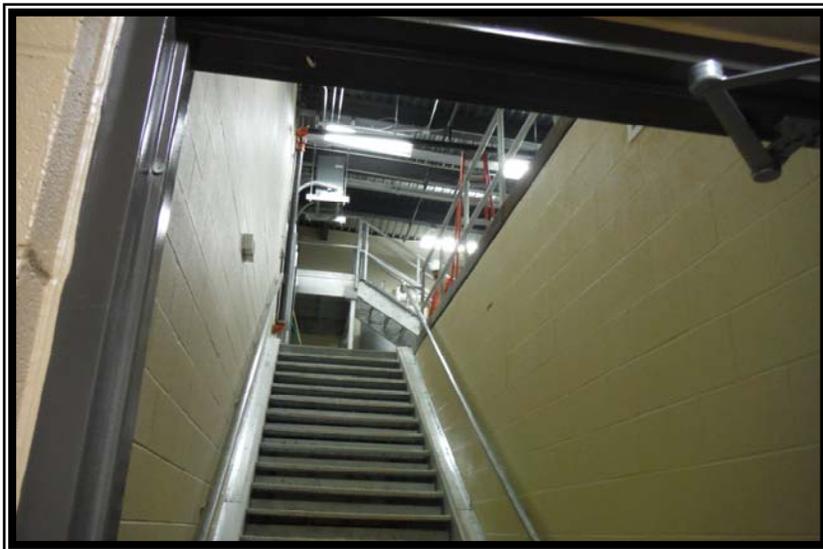


Exhibit 2

GRP Program Estimate-At-Completion as of December 31, 2014

| SERVICES | ESTIMATE-AT-COMPLETION |
|---|------------------------|
| Pre-Engineering Phase Services (GRP Development, Environmental Studies, Pilot Plant, Surface Water Treatment Plant Site Survey) | \$ 4,702,612 |
| Engineering Phase Services (Planning, Preliminary Engineering, Final Engineering, Geotechnical, Survey, Metes & Bounds, Subsurface Utility Investigation, Environmental) | \$ 45,380,929 |
| Construction Phase Services (Engineering Services During Construction, Construction Management & Inspection [Transmission System], Construction Administration & Inspection [SWF], Material Testing) | \$ 28,973,420 |
| Construction (Surface Water Transmission System, Raw Water Intake and Pump Station, Surface Water Treatment Plant, High Service Pump Station and Ground Storage Tanks, Surface Water Receiving Facilities, Infrastructure, Buildings, Roadways, Site Security, Access Roadways) | \$ 386,977,748 |
| Transmission Segment C1 - Construction | \$ 4,382,077 |
| Transmission Segment C2 - Construction | \$ 9,015,577 |
| Transmission Segment C3 - Construction | \$ 4,972,315 |
| Transmission Segment C4 - Construction | \$ 5,115,397 |
| Transmission Segment T1 - Construction | \$ 14,521,937 |
| Transmission Segment T2 - Construction | \$ 13,475,718 |
| Transmission Segment T3 - Construction | \$ 11,593,194 |
| Transmission Segment W1 - Construction | \$ 15,435,545 |
| Transmission Segment W2 - Construction | \$ 32,501,858 |
| Transmission Segment W3 - Construction | \$ 16,259,693 |
| Transmission Segment W4 - Construction | \$ 3,656,604 |
| Transmission System Standpipe | \$ 2,354,175 |
| Receiving Facilities - Construction | \$ 16,458,622 |
| Surface Water Facilities CMAR (GMP) | \$ 190,704,740 |
| Transmission System Fiber Optic - Construction | \$ 2,985,432 |
| Permanent Access Roadway Construction | \$ 6,825,000 |
| Building No. 1; Access Road; Vegetative Buffer; Construction Materials Testing; SWF Site Vegetation Management; Sanitary Sewer/Access Rd. Relocation | \$ 4,469,037 |
| Other Offsite Construction (Transmission Line Utility Relocations, Receiving Facility Improvements) | \$ 28,183,416 |
| Non-Project Specific Contingency | \$ 4,067,410 |
| Program Management (GRP Program Management, Survey, Geotechnical, Transient, Corrosion, Legal Consultants) | \$ 10,990,772 |
| Land Acquisition (Legal, Appraisal, Title Research, Land Acquisition Consultants) ⁽¹⁾ | \$ 13,479,644 |
| Total ⁽²⁾: | \$ 490,505,124 |

⁽¹⁾ Includes revisions to land acquisition cost estimates, land cost, and recategorizing of contingency.

⁽²⁾ Bond issuance costs are not included.



Exhibit 3

GRP Program Monthly Forecasted Expenditures as of December 31, 2014

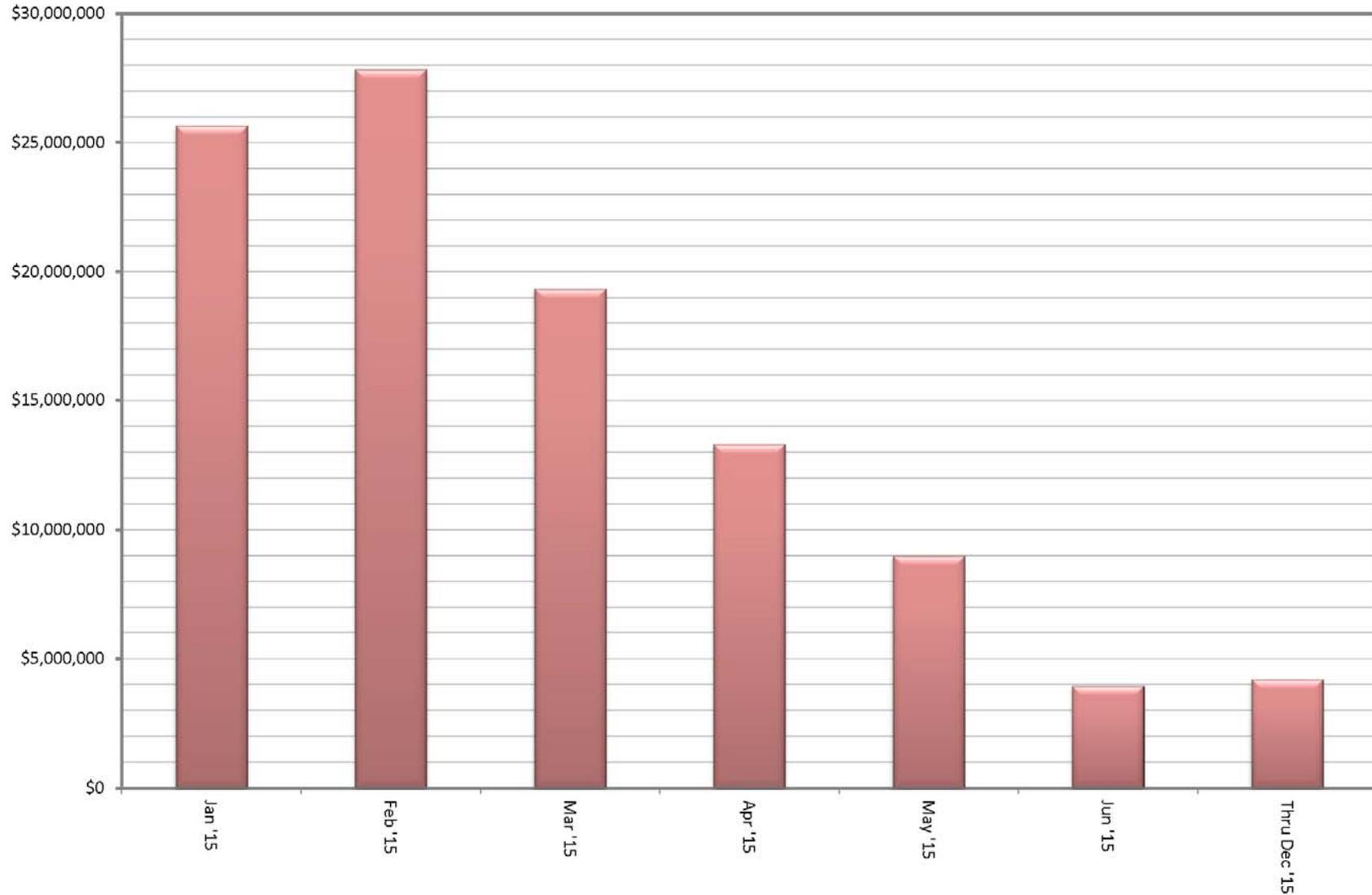


Exhibit 4

GRP Program Fund Data as of December 31, 2014

| Funding Source | Amount Authorized by Board To-Date | Interest Rate | Bond Costs | Capitalized Interest | Debt Service Reserve Fund | Net Amount Currently Available | Pending Funding Source |
|--------------------------------------|---------------------------------------|------------------|------------------------|-------------------------|------------------------------|-----------------------------------|---------------------------|
| TWDB WIF Bond Issue | \$ 21,500,000.00 | .854% - 2.706% | \$ 470,337.08 | \$ - | \$ - | \$ 21,029,662.92 | |
| Open Market Bond Issue (Series 2011) | \$ 83,430,358.49 | 3% - 5.25% | \$ 2,049,764.39 | \$ 7,858,241.52 | \$ - | \$ 73,522,352.58 | |
| TWDB DFund Series 2011A | \$ 67,470,000.00 | 1.22% - 4.97% | \$ 751,195.33 | \$ 5,166,233.00 | \$ 3,859,151.00 | \$ 57,693,420.67 | |
| TWDB DFund Series 2012 | \$ 175,000,000.00 | 1.17% - 4.62% | \$ 971,769.13 | \$ 12,869,175.00 | \$ - | \$ 161,159,055.87 | |
| TWDB DFund Series 2012A | \$ 165,000,000.00 | 1.26% - 4.62% | \$ 952,269.99 | \$ 14,139,669.00 | \$ 16,500,000.00 | \$ 133,408,061.01 | |
| TWDB Dfund Series 2013 | \$ 39,850,000.00 | 4.50% | \$ 628,750.00 | \$ 3,214,292.00 | \$ 3,073,489.18 | \$ 32,933,468.82 | |
| Subtotal Approved Amounts | \$ 552,250,358.49 | | \$ 5,824,085.92 | \$ 43,247,610.52 | \$ 23,432,640.18 | \$ 479,746,021.87 | |
| Future Series 2015 (Est.) | \$ 12,085,000.00 | 4.54% | \$ 321,200.00 | \$ 1,004,698.00 | \$ - | \$ - | \$ 10,759,102.00 |
| Subtotal Future Amounts | \$ 12,085,000.00 | | \$ 321,200.00 | \$ 1,004,698.00 | \$ - | \$ - | \$ 10,759,102.00 |
| Totals | \$ 564,335,358.49 | | \$ 6,145,285.92 | \$ 44,252,308.52 | \$ 23,432,640.18 | \$ 479,746,021.87 | \$ 10,759,102.00 |

Notes:

1. These values do not include investment income.
2. Green items are estimates only.
3. Series 2011 bond costs include \$681,132.45 for bond insurance and \$459,709.50 for underwriter's discount.



Exhibit 5

Monthly GRP Program Funding Report

Fiscal Year 2015

Through November 30, 2014

| | TWDB WIF Bond Issue | Open Market Bond Issue (Series 2011) | TWDB Dfund (Series 2011A) | TWDB Dfund (Series 2012) | TWDB Dfund (Series 2012A) | TWDB Dfund (Series 2013) | Operating (Cash) | Contributions from MUDs | Totals |
|----------------------------|-------------------------|--------------------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------|-------------------------|--------------------------|
| A. Program Budget | | | | | | | | | |
| Bond Issue Amount | \$ 21,500,000.00 | \$ 83,430,358.49 | \$ 67,470,000.00 | \$ 175,000,000.00 | \$ 165,000,000.00 | \$ 39,850,000.00 | | | \$ 552,250,358.49 |
| Operating Funds Commitment | | | | | | | \$ 95,572.58 | | \$ 95,572.58 |
| Contributions from MUDs | | | | | | | | \$ 294,000.00 | \$ 294,000.00 |
| Total Investment | \$ 21,500,000.00 | \$ 83,430,358.49 | \$ 67,470,000.00 | \$ 175,000,000.00 | \$ 165,000,000.00 | \$ 39,850,000.00 | \$ 95,572.58 | \$ 294,000.00 | \$ 552,639,931.07 |
| B. Contracted Costs | | | | | | | | | |
| Phase I | | | | | | | | | |
| Contracts Completed | \$ 18,348,030.84 | \$ 20,975,701.01 | \$ 8,449,314.73 | \$ - | \$ 1,155,745.60 | \$ 3,721,564.70 | \$ 14,407.80 | \$ - | \$ 52,664,764.68 |
| Current Contract Values | \$ 2,663,111.00 | \$ 39,952,724.31 | \$ 47,652,707.93 | \$ 161,159,055.87 | \$ 126,190,501.51 | \$ 28,763,182.48 | \$ 81,164.78 | \$ - | \$ 406,462,447.88 |
| Change Orders | \$ - | \$ 6,696,773.12 | \$ 1,010,780.46 | \$ - | \$ 2,110,782.44 | \$ - | \$ - | \$ - | \$ 9,818,336.02 |
| Project Close Out | \$ (348,037.50) | \$ (870,739.84) | \$ (172,677.43) | \$ - | \$ (64,626.72) | \$ (25.15) | \$ - | \$ - | \$ (1,456,106.64) |
| Phase I Total: | \$ 20,663,104.34 | \$ 66,754,458.60 | \$ 56,940,125.69 | \$ 161,159,055.87 | \$ 129,392,402.83 | \$ 32,484,722.03 | \$ 95,572.58 | \$ - | \$ 467,489,441.94 |
| Extensions | | | | | | | | | |
| Contracts Completed | \$ - | \$ 10,175.00 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 10,175.00 |
| Current Contract Values | \$ - | \$ 861,894.00 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 861,894.00 |
| Change Orders | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Project Close Out | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Extensions Total: | \$ - | \$ 872,069.00 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 872,069.00 |
| C. Expenditures | | | | | | | | | |
| Phase I | | | | | | | | | |
| Paid Previous Fiscal Years | \$ 20,599,416.62 | \$ 49,618,248.03 | \$ 40,595,829.88 | \$ 109,374,040.69 | \$ 91,422,085.04 | \$ 12,922,461.97 | \$ 84,942.42 | \$ - | \$ 324,617,024.65 |
| Paid Current Fiscal Year | \$ - | \$ 4,965,278.88 | \$ 5,082,462.43 | \$ 14,429,326.93 | \$ 11,381,178.58 | \$ 7,938,837.71 | \$ 3,040.41 | \$ - | \$ 43,800,124.94 |
| Phase I Total: | \$ 20,599,416.62 | \$ 54,583,526.91 | \$ 45,678,292.31 | \$ 123,803,367.62 | \$ 102,803,263.62 | \$ 20,861,299.68 | \$ 87,982.83 | \$ - | \$ 368,417,149.59 |
| Extensions | | | | | | | | | |
| Paid Previous Fiscal Years | \$ - | \$ 172,033.34 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 172,033.34 |
| Paid Current Fiscal Year | \$ - | \$ 97,600.94 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 97,600.94 |
| Extensions Total: | \$ - | \$ 269,634.28 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 269,634.28 |
| Issuance Costs | \$ 470,337.08 | \$ 2,049,764.39 | \$ 751,195.33 | \$ 971,769.13 | \$ 952,269.99 | \$ 628,750.00 | \$ - | \$ - | \$ 5,824,085.92 |
| Debt Service Reserve Fund | \$ - | \$ - | \$ 3,859,151.00 | \$ - | \$ 16,500,000.00 | \$ 3,073,489.18 | \$ - | \$ - | \$ 23,432,640.18 |
| Capitalized Interest | \$ - | \$ 7,858,241.52 | \$ 5,166,233.00 | \$ 12,869,175.00 | \$ 14,139,669.00 | \$ 3,214,292.00 | \$ - | \$ - | \$ 43,247,610.52 |
| D. Remaining | | | | | | | | | |
| Uncontracted Funds | \$ 366,558.58 | \$ 5,895,824.98 | \$ 753,294.98 | \$ (0.00) | \$ 4,015,658.18 | \$ 448,746.79 | \$ - | \$ 294,000.00 | \$ 11,774,083.51 |
| Funding Balance * | \$ 430,246.30 | \$ 18,669,191.39 | \$ 12,015,128.36 | \$ 37,355,688.25 | \$ 30,604,797.39 | \$ 12,072,169.14 | \$ 7,589.75 | \$ 294,000.00 | \$ 111,448,810.58 |

*Excluding net investment income



Exhibit 5

Monthly GRP Program Funding Report

Fiscal Year 2015

Through December 31, 2014

| | TWDB WIF Bond Issue | Open Market Bond Issue (Series 2011) | TWDB Dfund (Series 2011A) | TWDB Dfund (Series 2012) | TWDB Dfund (Series 2012A) | TWDB Dfund (Series 2013) | Operating (Cash) | Contributions from MUDs | Totals |
|----------------------------|-------------------------|--------------------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------|-------------------------|--------------------------|
| A. Program Budget | | | | | | | | | |
| Bond Issue Amount | \$ 21,500,000.00 | \$ 83,430,358.49 | \$ 67,470,000.00 | \$ 175,000,000.00 | \$ 165,000,000.00 | \$ 39,850,000.00 | | | \$ 552,250,358.49 |
| Operating Funds Commitment | | | | | | | \$ 96,015.58 | | \$ 96,015.58 |
| Contributions from MUDs | | | | | | | | \$ 294,000.00 | \$ 294,000.00 |
| Total Investment | \$ 21,500,000.00 | \$ 83,430,358.49 | \$ 67,470,000.00 | \$ 175,000,000.00 | \$ 165,000,000.00 | \$ 39,850,000.00 | \$ 96,015.58 | \$ 294,000.00 | \$ 552,640,374.07 |
| B. Contracted Costs | | | | | | | | | |
| Phase I | | | | | | | | | |
| Contracts Completed | \$ 18,348,030.84 | \$ 20,975,701.01 | \$ 8,449,314.73 | \$ - | \$ 1,155,745.60 | \$ 3,721,564.70 | \$ 14,407.80 | \$ - | \$ 52,664,764.68 |
| Current Contract Values | \$ 2,663,111.00 | \$ 39,952,724.31 | \$ 47,687,828.93 | \$ 161,159,055.87 | \$ 126,259,001.51 | \$ 28,763,182.48 | \$ 81,607.78 | \$ - | \$ 406,566,511.88 |
| Change Orders | \$ - | \$ 6,696,773.12 | \$ 1,010,780.46 | \$ - | \$ 2,110,782.44 | \$ - | \$ - | \$ - | \$ 9,818,336.02 |
| Project Close Out | \$ (348,037.50) | \$ (870,739.84) | \$ (172,677.43) | \$ - | \$ (64,626.72) | \$ (25.15) | \$ - | \$ - | \$ (1,456,106.64) |
| Phase I Total: | \$ 20,663,104.34 | \$ 66,754,458.60 | \$ 56,975,246.69 | \$ 161,159,055.87 | \$ 129,460,902.83 | \$ 32,484,722.03 | \$ 96,015.58 | \$ - | \$ 467,593,505.94 |
| Extensions | | | | | | | | | |
| Contracts Completed | \$ - | \$ 10,175.00 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 10,175.00 |
| Current Contract Values | \$ - | \$ 1,059,660.00 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,059,660.00 |
| Change Orders | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Project Close Out | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Extensions Total: | \$ - | \$ 1,069,835.00 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,069,835.00 |
| C. Expenditures | | | | | | | | | |
| Phase I | | | | | | | | | |
| Paid Previous Fiscal Years | \$ 20,599,416.62 | \$ 49,618,248.03 | \$ 40,595,829.88 | \$ 109,374,040.69 | \$ 91,422,085.04 | \$ 12,922,461.97 | \$ 84,942.42 | \$ - | \$ 324,617,024.65 |
| Paid Current Fiscal Year | \$ - | \$ 6,277,005.03 | \$ 6,478,444.74 | \$ 17,768,713.17 | \$ 14,172,678.75 | \$ 10,599,750.41 | \$ 4,010.05 | \$ - | \$ 55,300,602.15 |
| Phase I Total: | \$ 20,599,416.62 | \$ 55,895,253.06 | \$ 47,074,274.62 | \$ 127,142,753.86 | \$ 105,594,763.79 | \$ 23,522,212.38 | \$ 88,952.47 | \$ - | \$ 379,917,626.80 |
| Extensions | | | | | | | | | |
| Paid Previous Fiscal Years | \$ - | \$ 172,033.34 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 172,033.34 |
| Paid Current Fiscal Year | \$ - | \$ 97,600.94 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 97,600.94 |
| Extensions Total: | \$ - | \$ 269,634.28 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 269,634.28 |
| Issuance Costs | \$ 470,337.08 | \$ 2,049,764.39 | \$ 751,195.33 | \$ 971,769.13 | \$ 952,269.99 | \$ 628,750.00 | \$ - | \$ - | \$ 5,824,085.92 |
| Debt Service Reserve Fund | \$ - | \$ - | \$ 3,859,151.00 | \$ - | \$ 16,500,000.00 | \$ 3,073,489.18 | \$ - | \$ - | \$ 23,432,640.18 |
| Capitalized Interest | \$ - | \$ 7,858,241.52 | \$ 5,166,233.00 | \$ 12,869,175.00 | \$ 14,139,669.00 | \$ 3,214,292.00 | \$ - | \$ - | \$ 43,247,610.52 |
| D. Remaining | | | | | | | | | |
| Uncontracted Funds | \$ 366,558.58 | \$ 5,698,058.98 | \$ 718,173.98 | \$ (0.00) | \$ 3,947,158.18 | \$ 448,746.79 | \$ - | \$ 294,000.00 | \$ 11,472,696.51 |
| Funding Balance * | \$ 430,246.30 | \$ 17,357,465.24 | \$ 10,619,146.05 | \$ 34,016,302.01 | \$ 27,813,297.22 | \$ 9,411,256.44 | \$ 7,063.11 | \$ 294,000.00 | \$ 99,948,776.37 |

*Excluding net investment income



Exhibit 6

GRP Program Current Authorizations as of December 31, 2014

Surface Water Transmission System - Consultant Services

| Project | Firm | Amount Authorized by Board |
|---|-----------------------|----------------------------|
| T1 | Jones & Carter | \$ 2,166,221.02 |
| T2 | Klotz Associates | \$ 1,822,718.66 |
| T3 | Espey | \$ 1,892,282.82 |
| W1 | LAN | \$ 2,479,560.65 |
| W2 | Binkley & Barfield | \$ 3,311,241.40 |
| W3 | Cobb Fendley | \$ 3,992,018.50 |
| W4 | LJA | \$ 1,009,006.98 |
| C1 | Dannenbaum | \$ 959,193.01 |
| C2 | Schaumburg & Polk | \$ 2,211,922.28 |
| C3 | Kimley Horn | \$ 1,248,690.98 |
| C4 | RG Miller | \$ 597,788.37 |
| Fiber Optic | EMA | \$ 1,062,569.67 |
| WRFs | Malcom Pirnie/Arcadis | \$ 2,680,366.57 |
| CM&I | Kellog Brown & Root | \$ 8,657,135.48 |
| Subtotal - Surface Water Transmission System | | \$ 34,090,716.39 |

Surface Water Facilities - Consultant Services

| Project | Firm | Amount Authorized by Board |
|--|------------------|----------------------------|
| WTP | HDR Engineering | \$ 19,763,803.92 |
| HSPS | AECOM | \$ 5,455,218.39 |
| StandPipe | AECOM | \$ 192,235.38 |
| RWI&PS | Freese & Nichols | \$ 3,929,369.64 |
| CA&I | CDMSmith | \$ 5,348,633.00 |
| Subtotal - Surface Water Facilities | | \$ 34,689,260.33 |

Program Consultant Services & Other Projects

| Project | Firm | Amount Authorized by Board |
|--|--------------------------|----------------------------|
| Program Management | Brown & Gay | \$ 10,695,226.55 |
| Program Survey | Landtech | \$ 553,621.50 |
| Program Geotechnical | Raba Kistner | \$ 145,260.00 |
| Prog Transient Analyses | AECOM | \$ 5,647,453.77 |
| Access Rd/Misc Service | ACES | \$ 857,366.25 |
| SWF Surveying | S&V Surveying | \$ 66,875.00 |
| Land Acq | KDM | \$ 431,592.70 |
| Land Acq | PAS | \$ 1,413,334.88 |
| Program Environmental | Half Associates | \$ 1,063,698.87 |
| Program Fiber Optics | EMA | \$ 1,062,569.67 |
| Program Corrosion | V&A Consulting Engineers | \$ 866,676.00 |
| Program Legal Services & Projects | Multiple | \$ 5,700,577.48 |
| Subtotal - Program Consultant Services & Other Projects | | \$ 28,504,252.67 |

Surface Water Transmission System Extensions - Consultant Services

| Project | Firm | Amount Authorized by Board |
|--|------------------------------|----------------------------|
| MUD99/115 | IDS Engineering Group - x | \$ 470,720.00 |
| MUD99/115 | Andrews & Kurth - x | \$ 100,000.00 |
| MUD99/115 | PAS - x | \$ 200,000.00 |
| MUD99/115 | Arcadis - x | \$ 36,843.00 |
| MUD99/115 | V&A Consulting Engineers - x | \$ 41,256.00 |
| MUD99/115 | Brown & Gay - x | \$ 121,216.00 |
| Subtotal - Surface Water Transmission System Extensions | | \$ 970,035.00 |



Exhibit 6 (con't)

GRP Program Current Authorizations as of December 31, 2014

Active or Completed Construction Contracts Managed by GRP

| Project | Firm | Amount Authorized by Board |
|--|---|----------------------------|
| GRP Bldg No. 1 | Brookstone | \$ 2,008,673.00 |
| Bldg No. 1/Aqua Tx CMT | Aviles Engineering | \$ 123,814.55 |
| Landscape Buffer | Key-Scape Landscape | \$ 53,090.00 |
| Temp Access Road | Lindsey Construction | \$ 977,583.60 |
| Access Road CMT | Terracon Consultants | \$ 10,359.70 |
| Access Road Overlay and Detention | AAA Asphalt | \$ 412,284.59 |
| Access Road Landscape | TreeScapes | \$ 34,165.00 |
| Aqua Texas Sewer | Randy Roan Construction | \$ 547,341.17 |
| Bldg No. 1 Fiber Line | Preferred Technologies | \$ 231,157.56 |
| Surface Water Plant (CMAR) | McCarthy | \$ 190,704,740.00 |
| SWF CMT | Geotest | \$ 2,011,780.00 |
| Transmission Sytem Utility Relocations | Various | \$ 2,062,614.14 |
| Transmission System CMT (T3, W1, W2, W3, W4) | Aviles | \$ 1,851,330.00 |
| Transmission System CMT (T1, T2, C1, C2, C3, C4) | Terracon | \$ 756,711.25 |
| Transmission Segment T1 | S.J. Louis Construction of Texas Ltd | \$ 14,521,937.14 |
| Transmission Segment T2 | Texas Sterling Construction Company | \$ 13,475,718.33 |
| Transmission Segment T3 | S.J. Louis Construction of Texas Ltd | \$ 11,393,193.97 |
| Transmission Segment C1A | Garney Companies, Inc. | \$ 3,837,683.40 |
| Transmission Segment C1B | E.P. Brady, LTD. | \$ 544,393.60 |
| Transmission Segment C2 | Garney Companies, Inc. | \$ 9,014,837.00 |
| Transmission Segment C3 | E.P. Brady, LTD. | \$ 4,972,314.80 |
| Transmission Segment C4 | BRH Garver Construction, L.P. | \$ 5,115,396.90 |
| Transmission Segment W1A | Huff & Mitchell, Inc. | \$ 8,222,000.50 |
| Transmission Segment W1B | Texas Sterling Construction Company | \$ 7,213,544.50 |
| Transmission Segment W2A | Texas Sterling Construction Company | \$ 16,340,258.02 |
| Transmission Segment W2B | Texas Sterling Construction Company | \$ 16,161,600.00 |
| Transmission Segment W3A | Huff & Mitchell, Inc. | \$ 7,880,207.50 |
| Transmission Segment W3B | Garney Companies, Inc. | \$ 8,124,485.50 |
| Transmission Segment W4 | Huff & Mitchell, Inc. | \$ 3,656,604.23 |
| Receiving Facilities South | CSA | \$ 7,127,383.00 |
| Receiving Facilities North | Archer Western | \$ 6,160,184.55 |
| Transmission SCADA - Fiber Optic Construction | Fisk Electric Company | \$ 2,885,432.25 |
| Miscellaneous | Other Construction Contracts, Permits, Fees, etc. | \$ 233,666.23 |
| Subtotal - Construction Contracts | | \$ 348,666,486.08 |

Active or Completed Engineering/Construction Contracts Managed by Participants

| Project | Participant | Amount Authorized by Board |
|---|---|----------------------------|
| Distribution and Well Collection Lines | Woodlands Water | \$ 5,041,296.91 |
| Distribution and Water Plants Improvements | City of Conroe Water | \$ 12,834,747.00 |
| Receiving Facilities | Rayford Road MUD Water | \$ 1,752,244.00 |
| Receiving Facilities | City of Oak Ridge North Water | \$ 506,844.00 |
| Wastewater Alkalinity Improvements | Southern Montgomery County MUD Wastewater | \$ 455,975.00 |
| Subtotal -Engineering/Construction Managed by Participants | | \$ 20,135,131.91 |

Totals

| | Amount Authorized by Board |
|--|----------------------------|
| Surface Water Transmission System - Consultant Services | \$ 34,090,716.39 |
| Surface Water Facilities - Consultant Services | \$ 34,689,260.33 |
| Program Consultant Services & Other Projects | \$ 28,504,252.67 |
| Surface Water Transmission System Extensions - Consultant Services | \$ 970,035.00 |
| Active or Completed Construction Contracts | \$ 348,666,486.08 |
| Engineering/Construction Managed by Participants | \$ 20,135,131.91 |
| Total | \$ 467,055,882.38 |



Exhibit 7

GRP Program Land Acquisition Summary as of December 31, 2014

| Project | Anticipated Number of Easements to Acquire | Easements Acquired This Month | Total Easements Acquired and Filed | Total Easements Remaining to be Finalized ¹ |
|--------------------------------|--|-------------------------------|------------------------------------|--|
| Transmission System Segment T1 | 59 | 0 | 59 | 0 |
| Transmission System Segment T2 | 0 | 0 | 0 | 0 |
| Transmission System Segment T3 | 18 | 0 | 18 | 0 |
| Transmission System Segment C1 | 19 | 0 | 19 | 0 |
| Transmission System Segment C2 | 80 | 0 | 80 | 0 |
| Transmission System Segment C3 | 34 | 0 | 21 | 13 |
| Transmission System Segment C4 | 4 | 0 | 4 | 0 |
| Transmission System Segment W1 | 32 | 0 | 32 | 0 |
| Transmission System Segment W2 | 10 | 0 | 10 | 0 |
| Transmission System Segment W3 | 177 | 0 | 176 | 1 |
| Transmission System Segment W4 | 9 | 0 | 9 | 0 |
| Totals: | 442 | 0 | 428 | 14 |

¹ Note: Includes final cleanup of title on other legal issues, while right of entry may have been required



Exhibit 8

San Jacinto River Authority Groundwater Reduction Plan

Schedule of Revenues & Expenses—Actual and Budget

For the Three Months Ending November 30, 2014

| | Nov | Fiscal Year To Date | | | | Fiscal Budget | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|--------------|------------------------|-----------------------------------|
| | Actual | Actual | Budget | Variance | % Variance | Total Year Budget | Actual YTD % of Total Year Budget |
| OPERATING REVENUES | | | | | | | |
| GRP pumping fees | \$ 2,981,633 | \$ 10,163,924 | \$ 12,366,000 | \$ (2,202,076) | (18%) | \$ 41,992,101 | 24% |
| GRP surface water sales | - | - | - | - | 0% | 4,942,463 | 0% |
| TOTAL OPERATING REVENUES | \$ 2,981,633 | \$ 10,163,924 | \$ 12,366,000 | \$ (2,202,076) | (18%) | \$ 46,934,564 | 22% |
| OPERATING EXPENSES | | | | | | | |
| Payroll & employee benefit expenses | \$ 338,176 | \$ 969,448 | \$ 1,200,626 | \$ 231,178 | 19% | \$ 5,108,247 | 19% |
| Professional fees | 4,338 | 28,027 | 139,200 | 111,173 | 80% | 556,800 | 5% |
| Purchased & contracted services | 13,407 | 24,192 | 76,933 | 52,741 | 69% | 307,732 | 8% |
| Supplies, materials & utilities | 20,650 | 299,358 | 926,349 | 626,992 | 68% | 6,815,340 | 4% |
| Maintenance repairs, parts & rentals | 363 | 1,049 | 19,750 | 18,701 | 95% | 105,750 | 1% |
| General & administration | 48,529 | 132,465 | 236,582 | 104,117 | 44% | 946,329 | 14% |
| TOTAL OPERATING EXPENSES | \$ 425,463 | \$ 1,454,539 | \$ 2,599,441 | \$ 1,144,902 | 44% | \$ 13,840,198 | 11% |
| NON-OPERATING REVENUES & EXPENSES | | | | | | | |
| Interest on investments | \$ 49,302 | \$ 141,507 | \$ 49,920 | \$ 91,587 | 183% | \$ 199,680 | 71% |
| Other revenues | 1,950 | 1,950 | - | 1,950 | 100% | - | 0% |
| Interest expense | (1,769,346) | (5,326,192) | (5,326,193) | 1 | (0%) | (21,360,309) | 25% |
| TOTAL NON-OPERATING (EXCLUDING ITEMS NOT BUDGETED) | \$ (1,718,094) | \$ (5,182,735) | \$ (5,276,273) | \$ 93,538 | (2%) | \$ (21,160,629) | 24% |
| NET INCOME (LOSS) (EXCLUDING ITEMS NOT BUDGETED) | \$ 838,076 | \$ 3,526,650 | \$ 4,490,286 | \$ (963,636) | (21%) | \$ 11,933,737 | 30% |
| NON-OPERATING REVENUES & EXPENSES (NOT BUDGETED) | | | | | | | |
| Depreciation | \$ (8,585) | \$ (74,541) | \$ - | \$ (74,541) | 100% | \$ - | 0% |
| Amortized debt issuance expense | 1,088 | 1,088 | - | 1,088 | 100% | - | 0% |
| TOTAL NON-OPERATING (NOT BUDGETED) | \$ (7,497) | \$ (73,453) | \$ - | \$ (73,453) | 100% | \$ - | 0% |
| NET INCOME (LOSS) (BUDGETED AND NOT BUDGETED) | \$ 830,580 | \$ 3,453,197 | \$ 4,490,286 | \$ (1,037,089) | (23%) | \$ 11,933,737 | 29% |



Exhibit 8 (con't)

GRP Division

Clarification of Actual & Budget Variances

For Three Months Ending November 30, 2014

| Category | YTD - Driver | November 2014 | FYTD 2015 |
|--|--|------------------|----------------|
| GRP Pumping Fees | Usage variance due to weather conditions and change in consumer behavior. This trend began in FY2014 and has continued into FY2015. If the trend persists, pumpage and surface water rates may be impacted in future fiscal years. | (255) | (2,202) |
| Payroll and related expenses | Budgeted positions not filled as scheduled. | 62 | 231 |
| Professional Fees | Professional fees less than budgeted. | 42 | 111 |
| Purchased & Contracted Services | Purchased and contracted services less than budgeted. | 12 | 53 |
| Supplies, Materials, Utilities, Maintenance, Repairs, Parts & Rentals | Fuel, office supplies, phones, recruiting and misc. expenses less than budgeted. | 26 | 97 |
| | Chemicals-no usage this month | 188 | 564 |
| | Utilities-less than budgeted | 70 | 204 |
| | TRA Reservation Fee/Paid October-14 Budgeted in January-15 | - | (238) |
| | Maintenance repairs, parts & rentals expense less than budgeted. | 7 | 19 |
| General & Administration | Allocated labor and related expenses less than budgeted, anticipated a quicker rate of growth than has been actualized. | 30 | 104 |
| Non-Operating | Interest/Investment Income | 32 | 91 |
| | Other Revenues | 2 | 2 |
| | Bond interest expense | 1 | 1 |
| | Capital Contributions | - | - |
| | Depreciation expense | (9) | (75) |
| | Bond Issuance Cost Amort expense | 1 | 1 |
| | | 209 | (1,037) |



Exhibit 8

San Jacinto River Authority Groundwater Reduction Plan

Schedule of Revenues & Expenses—Actual and Budget

For the Four Months Ending December 31, 2014

| | Dec | Fiscal Year To Date | | | | Fiscal Budget | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|--------------|------------------------|-----------------------------------|
| | Actual | Actual | Budget | Variance | % Variance | Total Year Budget | Actual YTD % of Total Year Budget |
| OPERATING REVENUES | | | | | | | |
| GRP pumping fees | \$ 1,998,768 | \$ 12,162,692 | \$ 15,101,263 | \$ (2,938,571) | (19%) | \$ 41,992,101 | 29% |
| GRP Surface Water Sales | - | - | - | - | 0% | 4,942,463 | 0% |
| TOTAL OPERATING REVENUES | \$ 1,998,768 | \$ 12,162,692 | \$ 15,101,263 | \$ (2,938,571) | (19%) | \$ 46,934,564 | 26% |
| OPERATING EXPENSES | | | | | | | |
| Payroll & employee benefit expenses | \$ 323,744 | \$ 1,293,192 | \$ 1,600,835 | \$ 307,643 | 19% | \$ 5,108,247 | 25% |
| Professional fees | 18,447 | 46,474 | 185,600 | 139,126 | 75% | 556,800 | 8% |
| Purchased & contracted services | 8,765 | 32,956 | 102,577 | 69,621 | 68% | 307,732 | 11% |
| Supplies, materials & utilities | 24,064 | 323,422 | 1,234,910 | 911,488 | 74% | 6,815,340 | 5% |
| Maintenance repairs, parts & rentals | 1,590 | 2,639 | 26,333 | 23,695 | 90% | 105,750 | 2% |
| General & administration | 45,432 | 177,897 | 315,443 | 137,546 | 44% | 946,329 | 19% |
| TOTAL OPERATING EXPENSES | \$ 422,042 | \$ 1,876,580 | \$ 3,465,698 | \$ 1,589,118 | 46% | \$ 13,840,198 | 14% |
| NON-OPERATING REVENUES & EXPENSES | | | | | | | |
| Interest on investments | \$ (50,444) | \$ 91,062 | \$ 66,560 | \$ 24,502 | 37% | \$ 199,680 | 46% |
| Other revenues | - | 1,950 | - | 1,950 | 100% | - | 0% |
| Interest expense | (1,769,346) | (7,095,539) | (7,095,540) | 1 | (0%) | (21,360,309) | 33% |
| TOTAL NON-OPERATING (EXCLUDING ITEMS NOT BUDGETED) | \$ (1,819,791) | \$ (7,002,526) | \$ (7,028,980) | \$ 26,454 | (0%) | \$ (21,160,629) | 33% |
| NET INCOME (LOSS) (EXCLUDING ITEMS NOT BUDGETED) | \$ (243,064) | \$ 3,283,586 | \$ 4,606,585 | \$ (1,322,999) | (29%) | \$ 11,933,737 | 28% |
| NON-OPERATING REVENUES & EXPENSES (NOT BUDGETED) | | | | | | | |
| Depreciation | \$ (29,021) | \$ (103,562) | \$ - | \$ (103,562) | 100% | \$ - | 0% |
| Amortized debt issuance expense | 363 | 1,451 | - | 1,451 | 100% | - | 0% |
| TOTAL NON-OPERATING (NOT BUDGETED) | \$ (28,659) | \$ (102,111) | \$ - | \$ (102,111) | 100% | \$ - | 0% |
| NET INCOME (LOSS) (BUDGETED AND NOT BUDGETED) | \$ (271,723) | \$ 3,181,475 | \$ 4,606,585 | \$ (1,425,110) | (31%) | \$ 11,933,737 | 27% |



Exhibit 8 (con't)

GRP Division

Clarification of Actual & Budget Variances

For Four Months Ending December 31, 2014

| Category | YTD - Driver | December 2014 | FYTD 2015 |
|---|--|---------------|----------------|
| GRP Pumping Fees | Usage variance due to weather conditions and change in consumer behavior. This trend began in FY2014 and has continued into FY2015. If the trend persists, pumpage and surface water rates may be impacted in future fiscal years. | (736) | (2,938) |
| Payroll and related expenses | Budgeted positions not filled as scheduled. | 77 | 308 |
| Professional Fees | Professional fees less than budgeted. | 28 | 139 |
| Purchased & Contracted Services | Purchased and contracted services less than budgeted. | 17 | 70 |
| Supplies, Materials, Utilities, Maintenance, Repairs, Parts & Rentals | Fuel, office supplies, phones, recruiting and misc. expenses less than budgeted. | 28 | 125 |
| | Chemicals-no usage this month | 188 | 752 |
| | Utilities-less than budgeted | 68 | 272 |
| | TRA Reservation Fee/Paid October-14 Budgeted in January-15 | - | (238) |
| | Maintenance repairs, parts & rentals expense less than budgeted. | 5 | 24 |
| General & Administration | Allocated labor and related expenses less than budgeted, anticipated a quicker rate of growth than has been actualized. | 33 | 137 |
| Non-Operating | Interest/Investment Income | (67) | 24 |
| | Other Revenues | - | 2 |
| | Bond interest expense | - | 1 |
| | Capital Contributions | - | - |
| | Depreciation expense | (29) | (104) |
| | Bond Issuance Cost Amort expense | - | 1 |
| | | <u>(388)</u> | <u>(1,425)</u> |



Exhibit 9

GRP Program Monthly Meeting Log for November and December 2014

| Meeting | Subject of Meeting | Location | Date | Participants |
|---|-----------------------|--------------|------------|--|
| Water Quality Campaign Discussion | Water Quality | GRP Building | 11/12/2014 | SJRA Staff, GRP Program Team and Consultant Team |
| GRP Review Committee Meeting | Board Agenda Items | G&A Building | 12/8/2014 | GRP Review Committee, SJRA Staff and General Public |
| SJRA Board of Directors Meeting | Board Agenda Items | G&A Building | 12/11/2014 | SJRA Board of Directors, SJRA Staff and General Public |
| SWF Partnering Session | Surface Water Program | GRP Building | 12/17/2014 | SJRA Staff, GRP Program Team, and Consultant Team |
| CMAR Coordination Meeting | CMAR | GRP Building | Weekly | SJRA Staff, GRP Program Team and Consultant Team |
| Construction Administration and Inspection Meetings | Construction | GRP Building | Weekly | SJRA Staff, GRP Program Team and CA&I Team |



Exhibit 9 (con't)

GRP Program Monthly Meeting Log for November and December 2014

| Meeting | Subject of Meeting | Location | Date | Participants |
|---|---|--------------|------------|---|
| Water Receiving Facilities-South Progress Meeting | WRF-S | GRP Building | Monthly | Contractor, SJRA Staff, GRP Program Team and Consultant Team |
| Water Receiving Facilities-North Progress Meeting | WRF-N | GRP Building | Monthly | Contractor, SJRA Staff, GRP Program Team and Consultant Team |
| Segments W1A, W1B, W2A, W2B, W3A, W3B, and W4 Progress Meetings | Segments W1A, W1B, W2A, W2B, W3A, W3B, and W4 | GRP Building | Monthly | Contractor, SJRA Staff, GRP Program Team, and Consultant Team |
| Segments T1 and T2 Progress Meetings | Segments T1 and T2 | GRP Building | Monthly | Contractor, SJRA Staff, GRP Program Team, and Consultant Team |
| Segment T3 Bi-Weekly Progress Meeting | Segment T3 | GRP Building | Bi-Weekly | Contractor, SJRA Staff, GRP Program Team, and Consultant Team |
| Segments C1A, C1B, C2, C3 and C4 Monthly Status Meetings | Segments C1A,C1B, C2, C3 and C4 | GRP Building | Monthly | Contractor, SJRA Staff, GRP Program Team, and Consultant Team |
| Standpipe Progress Meeting | Standpipe | GRP Building | Monthly | Contractor, SJRA Staff, GRP Program Team, and Consultant |
| FONCS Monthly Progress Meetings | FONCS | GRP Building | Monthly | Contractor, SJRA Staff, GRP Program Team, and Consultant |
| Surface Water Facility Progress Meeting | Surface Water Facilities | GRP Building | Bi-Monthly | SJRA Staff, CMAR, CA&I, and Consultant Team |



Surface Water Facilities Construction Photos



EXHIBIT 10 SWF Construction Photos



EXHIBIT 10 (con't) SWF Construction Photos



① *Raw Water Intake—Electrical equipment installation*

EXHIBIT 10 (con't) SWF Construction Photos



② Pretreatment—Installation of basin covers

EXHIBIT 10 (con't) SWF Construction Photos



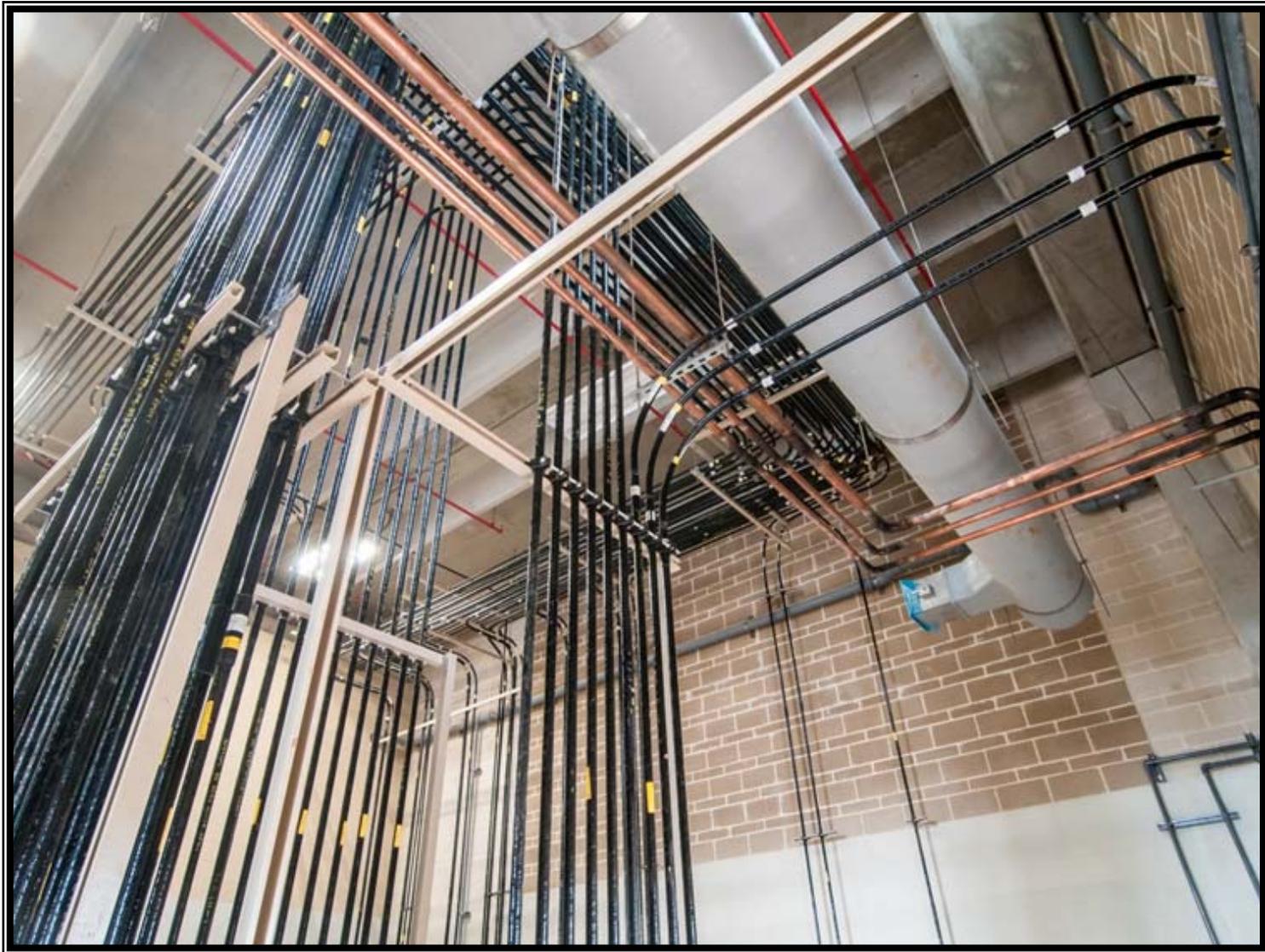
③ *Membrane Building—Chemical storage and pumping systems*

EXHIBIT 10 (con't) SWF Construction Photos



③ *Membrane Building—Electrical equipment installation*

EXHIBIT 10 (con't) SWF Construction Photos



④ *Chemical Building—Electrical conduit installation*

EXHIBIT 10 (con't) SWF Construction Photos



⑤ *Granulated Activated Carbon Building—GAC trough and underdrain installation*

EXHIBIT 10 (con't) SWF Construction Photos



⑥ *High Service Pump Station—Pump room overview*

EXHIBIT 10 (con't) SWF Construction Photos



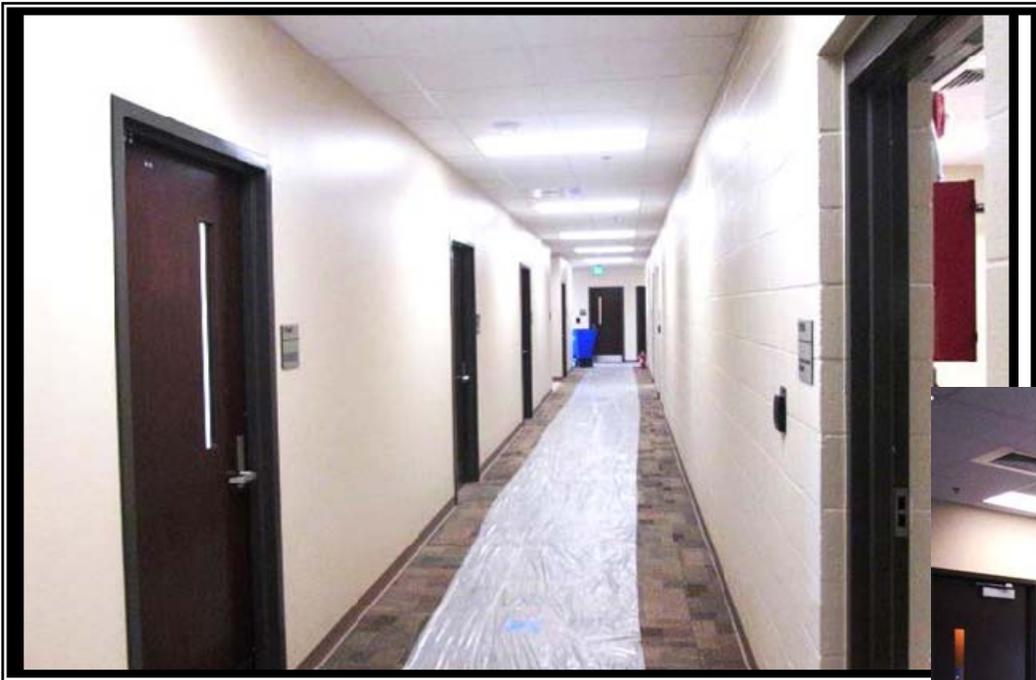
① *Blower Building—Installation of turbo blowers*

EXHIBIT 10 (con't) SWF Construction Photos



⑧ *Dewatering Building—Belt filter press and walkway*

EXHIBIT 10 (con't) SWF Construction Photos



⑨ *Operations Building—Interior finishes*

Transmission Line System Construction Photos



EXHIBIT 11 Transmission Line System Construction Photos

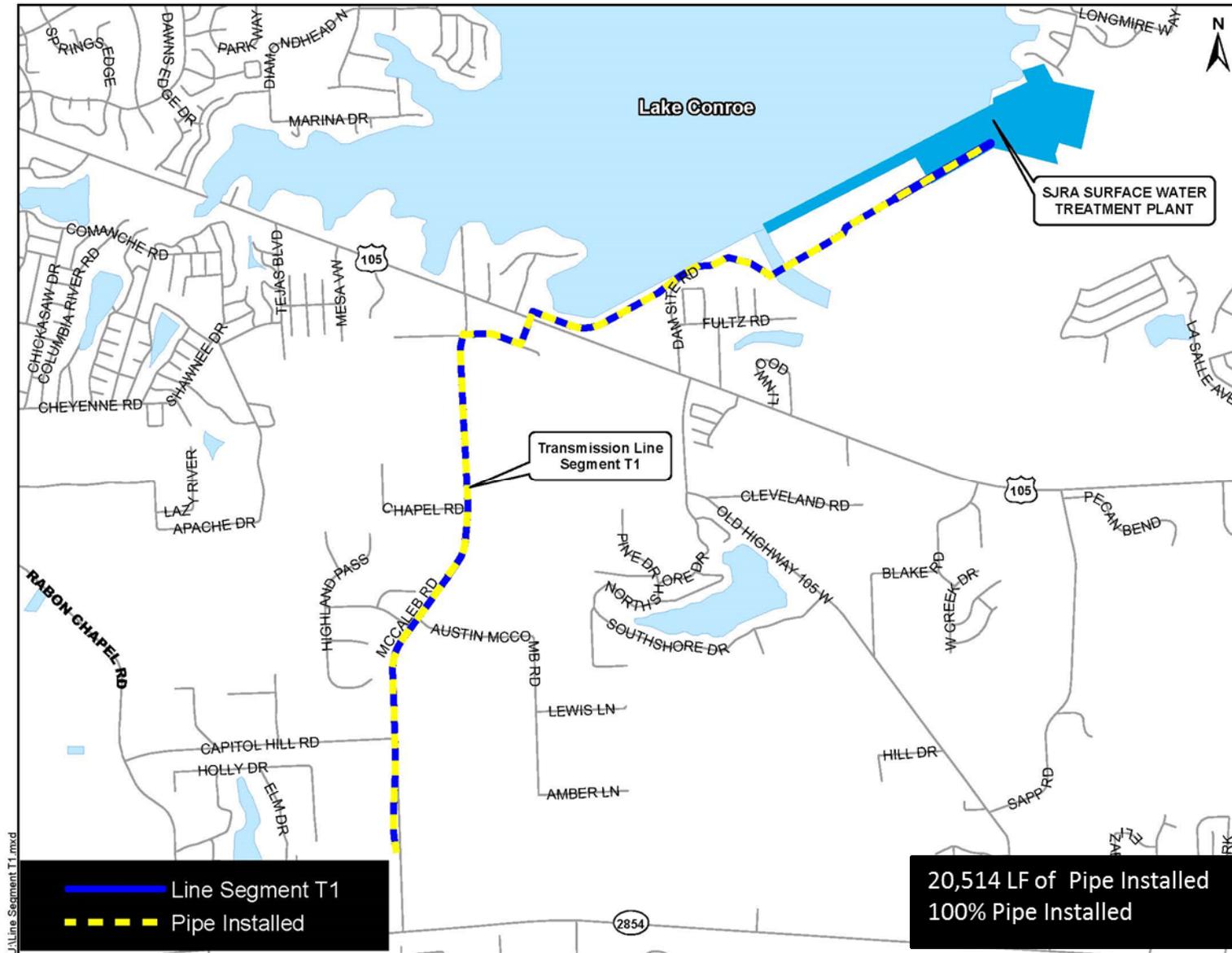


EXHIBIT 11 (con't) Transmission Line System Construction Photos

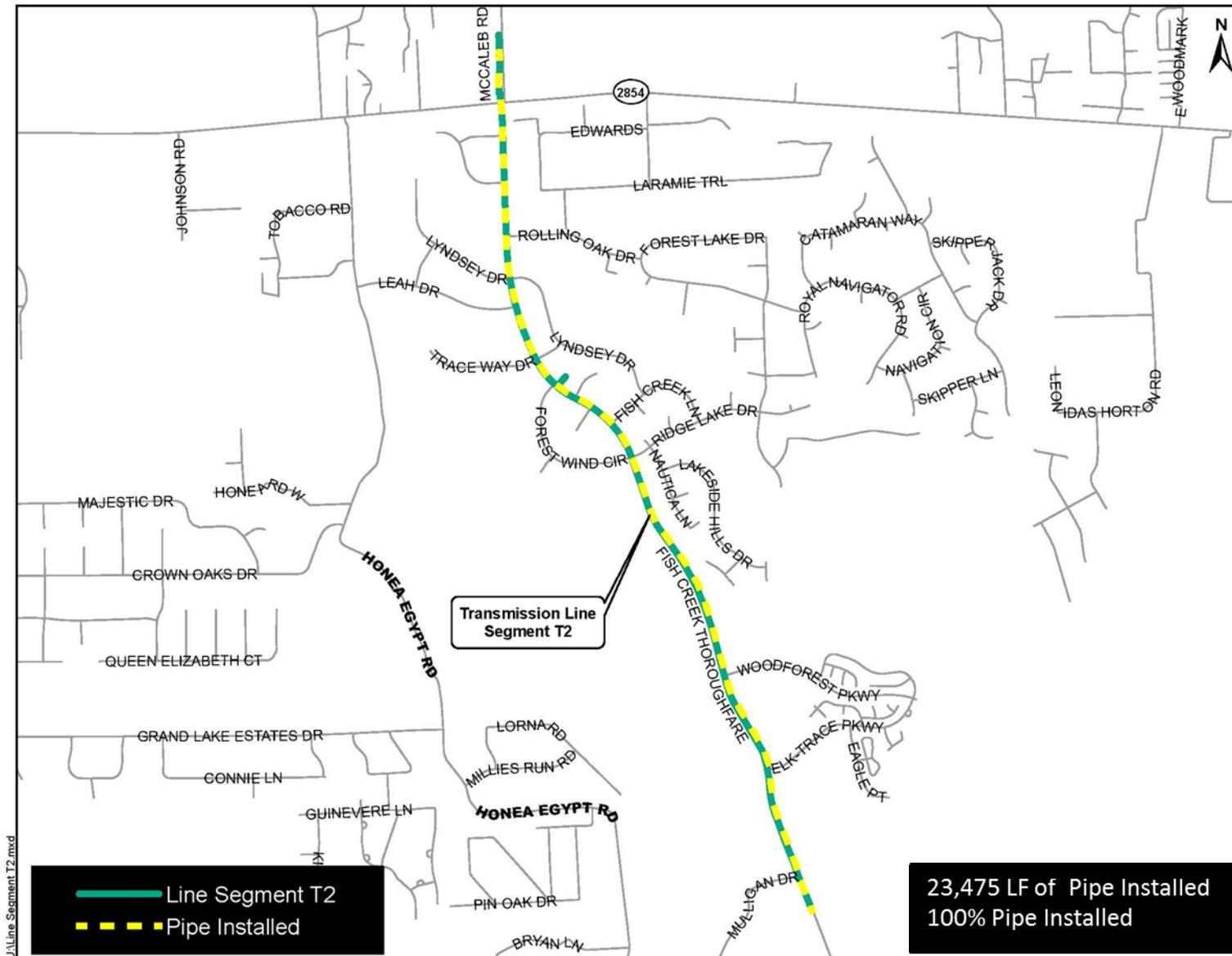


EXHIBIT 11 (con't) Transmission Line System Construction Photos



① *Staging for open cut construction along Sendera Ranch Road*

EXHIBIT 11 (con't) Transmission Line System Construction Photos

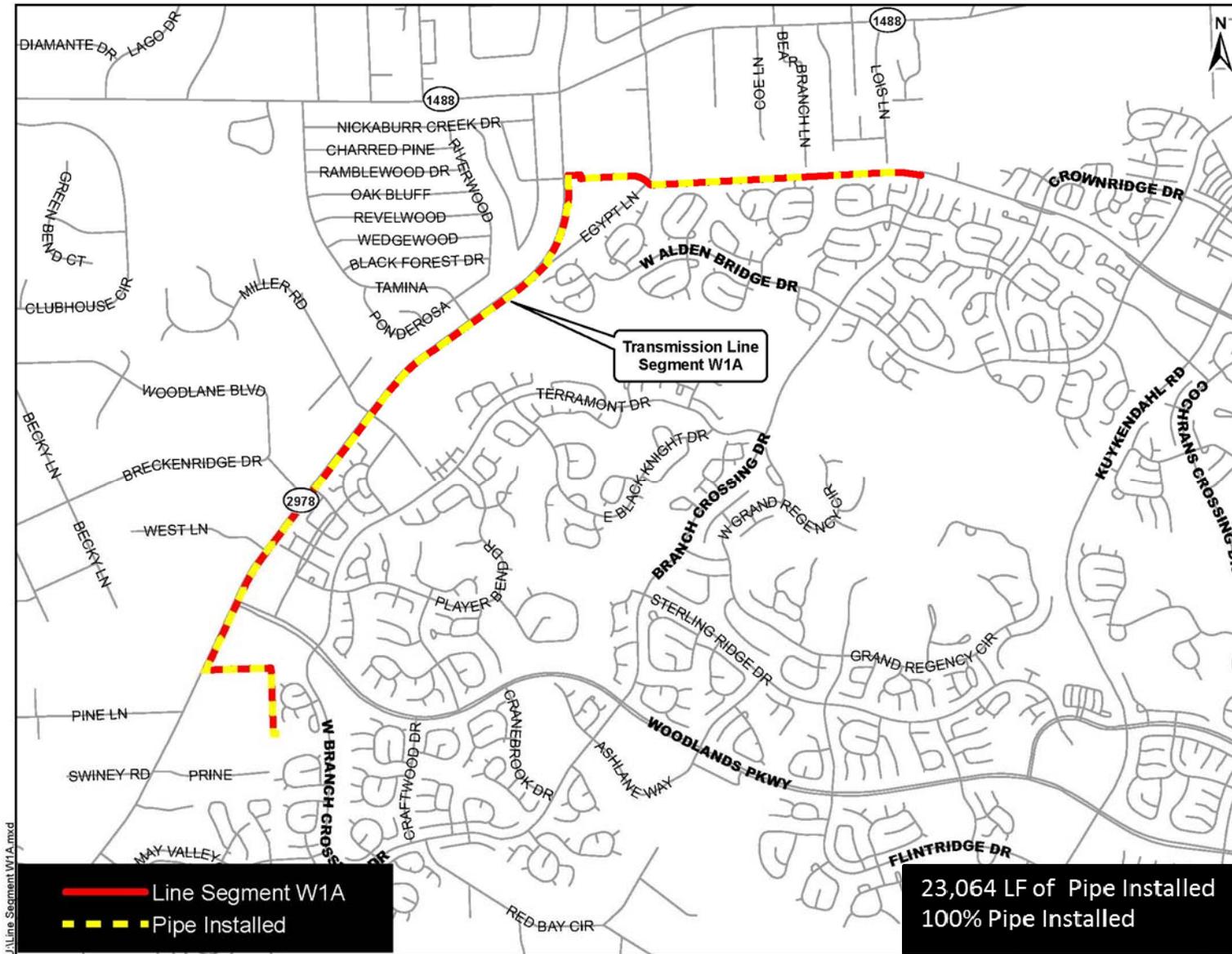


EXHIBIT 11 (con't) Transmission Line System Construction Photos

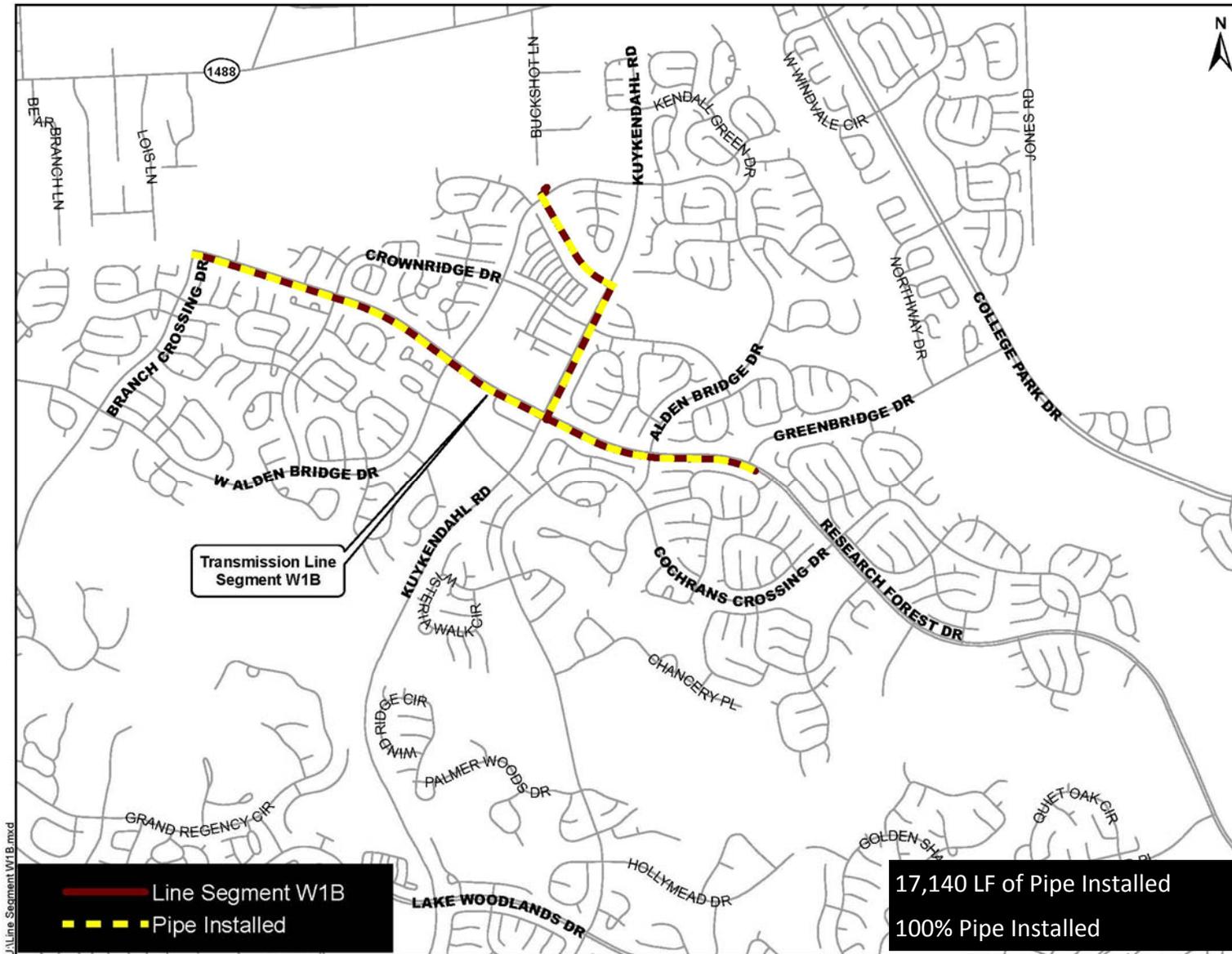


EXHIBIT 11 (con't) Transmission Line System Construction Photos

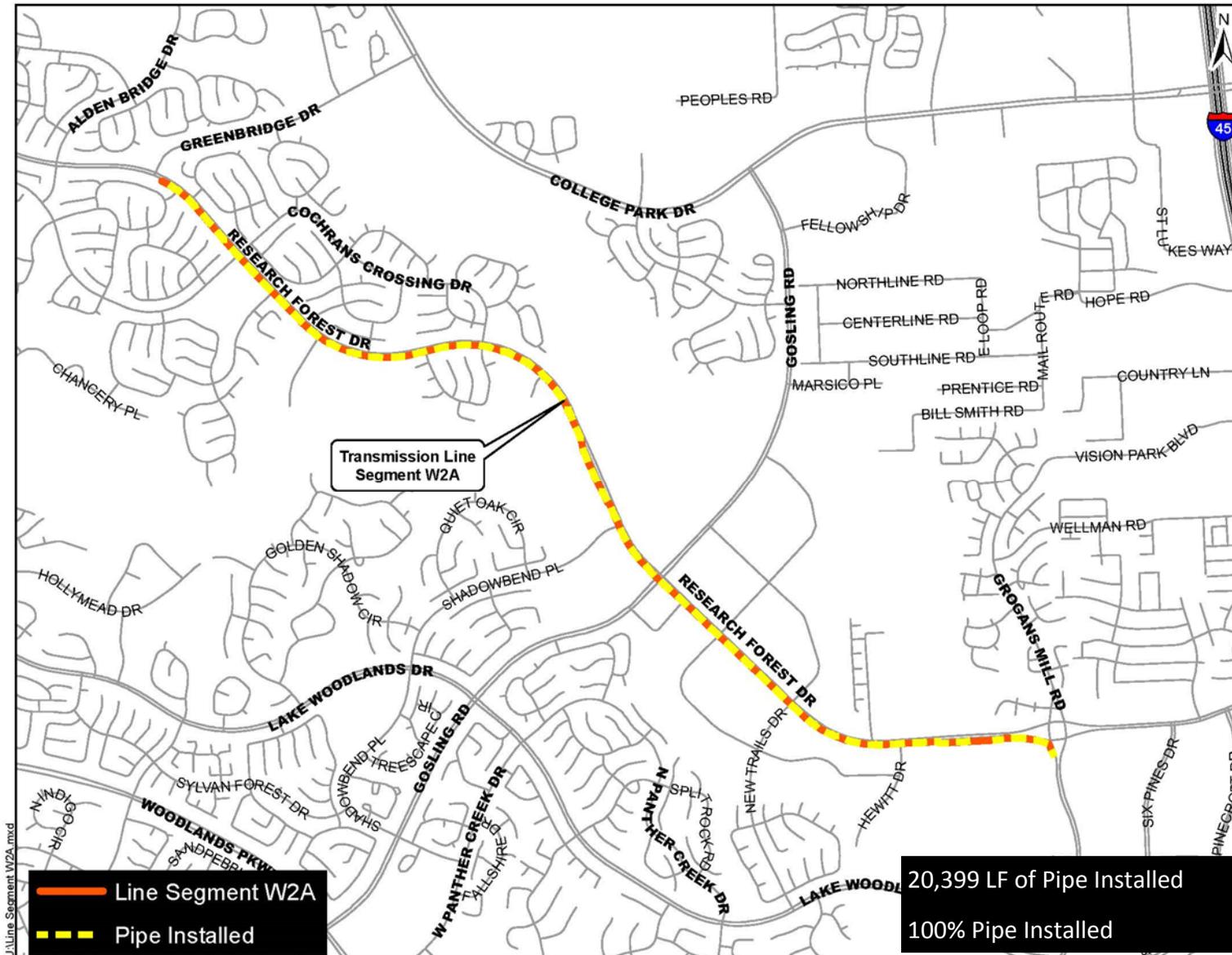


EXHIBIT 11 (con't) Transmission Line System Construction Photos

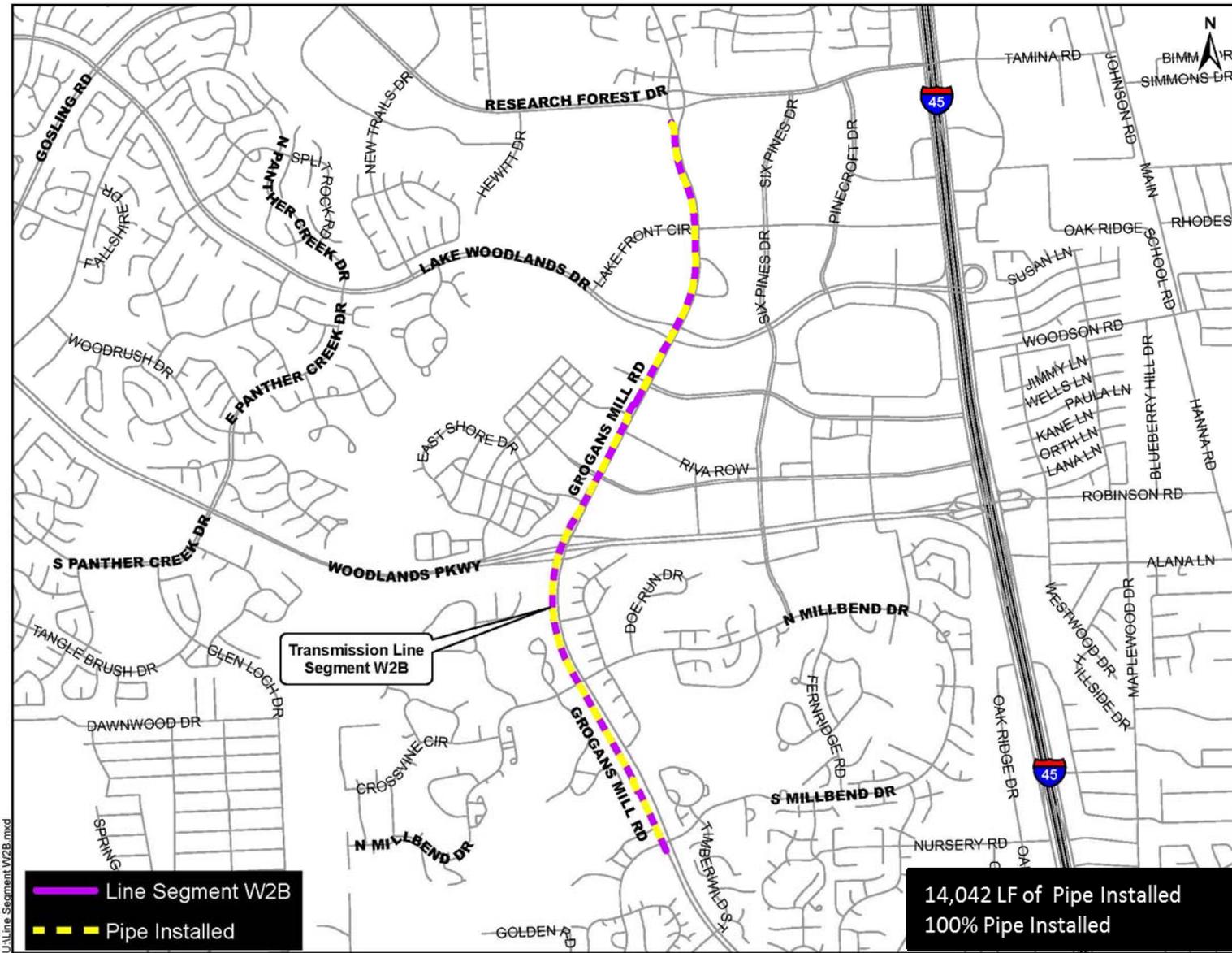


EXHIBIT 11 (con't) Transmission Line System Construction Photos

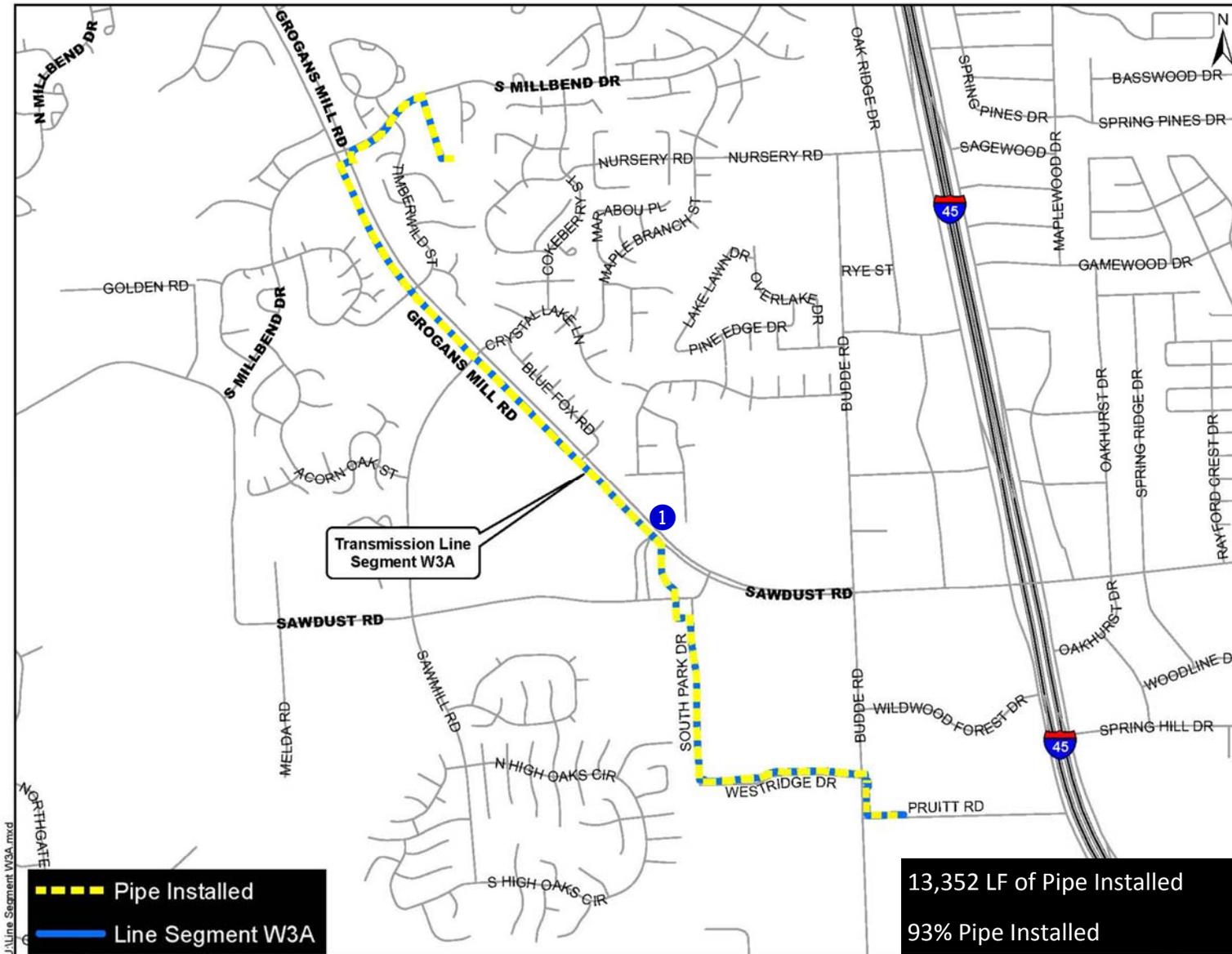
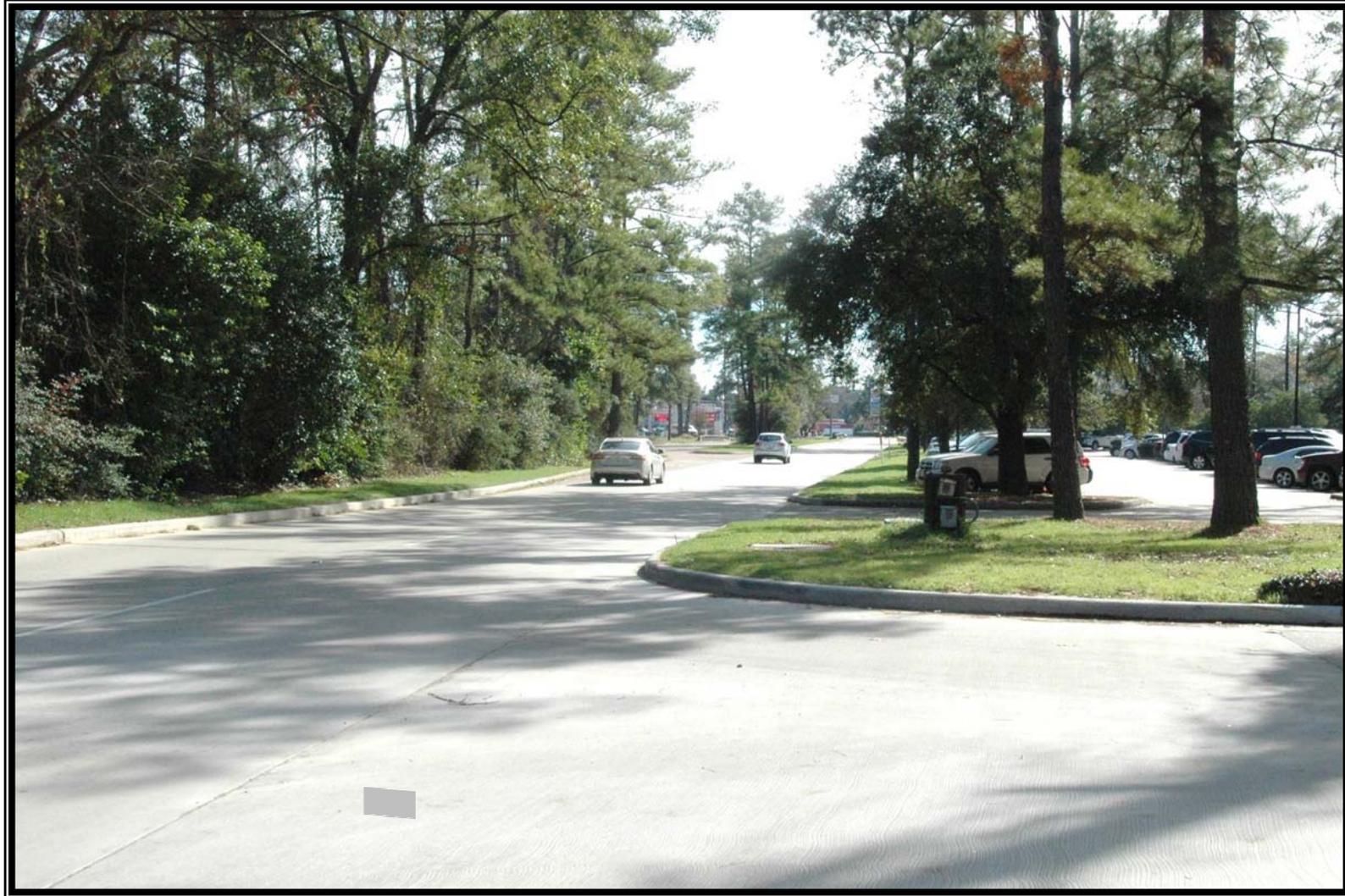


EXHIBIT 11 (con't) Transmission Line System Construction Photos



❶ *Site restoration along Grogans Mill*

EXHIBIT 11 (con't) Transmission Line System Construction Photos

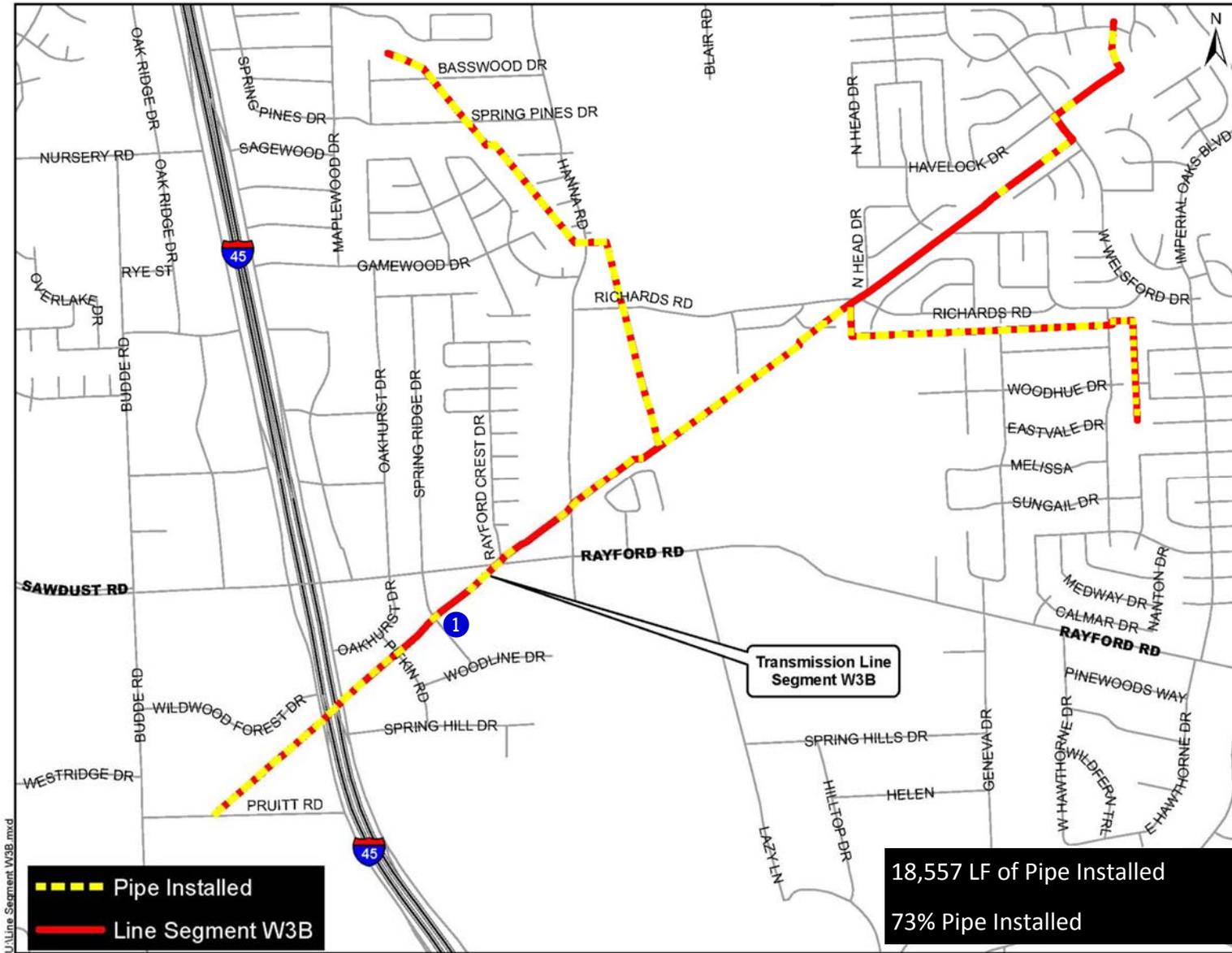


EXHIBIT 11 (con't) Transmission Line System Construction Photos



① *Open cut construction along Kinder Morgan pipeline easement*

EXHIBIT 11 (con't) Transmission Line System Construction Photos

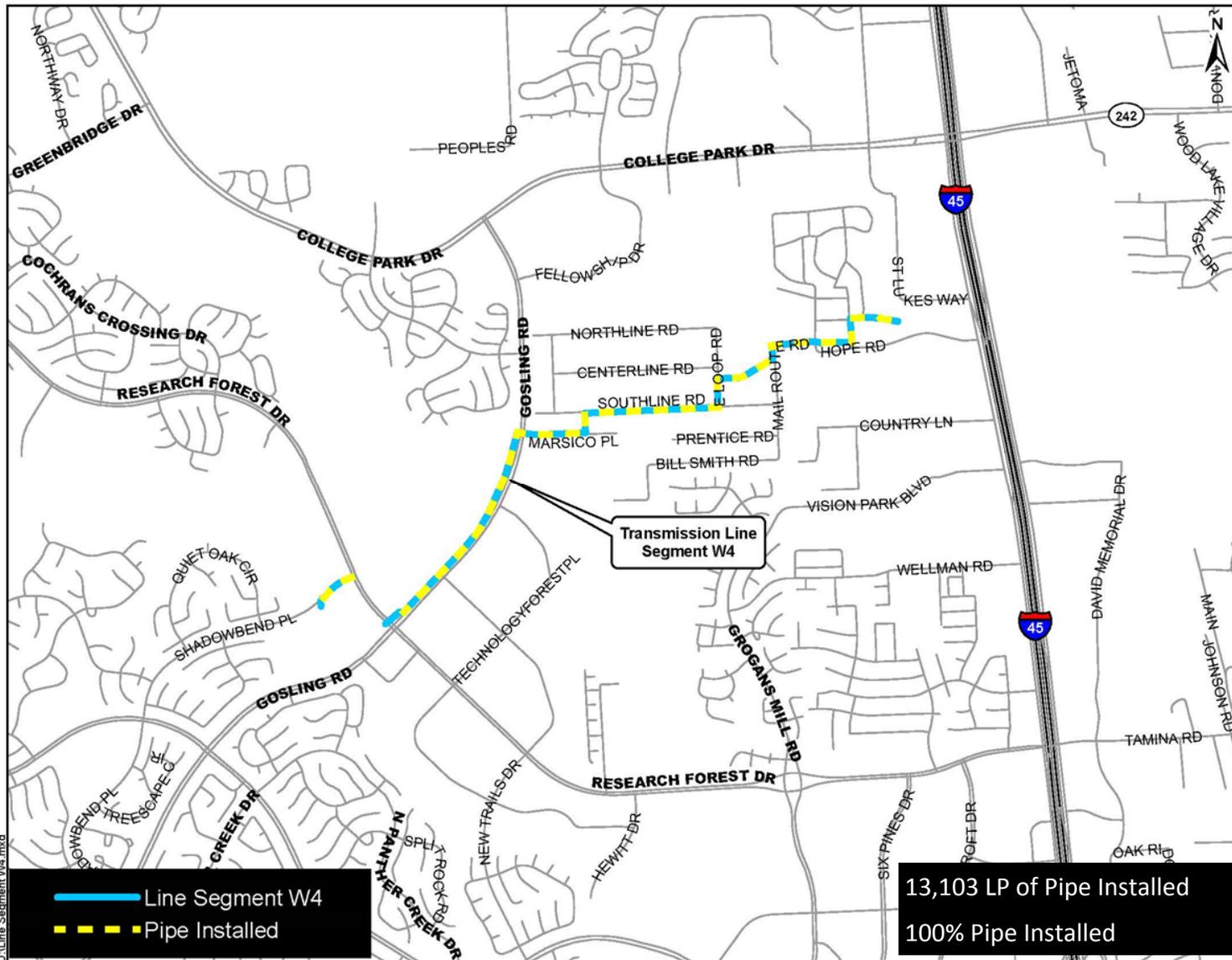


EXHIBIT 11 (con't) Transmission Line System Construction Photos

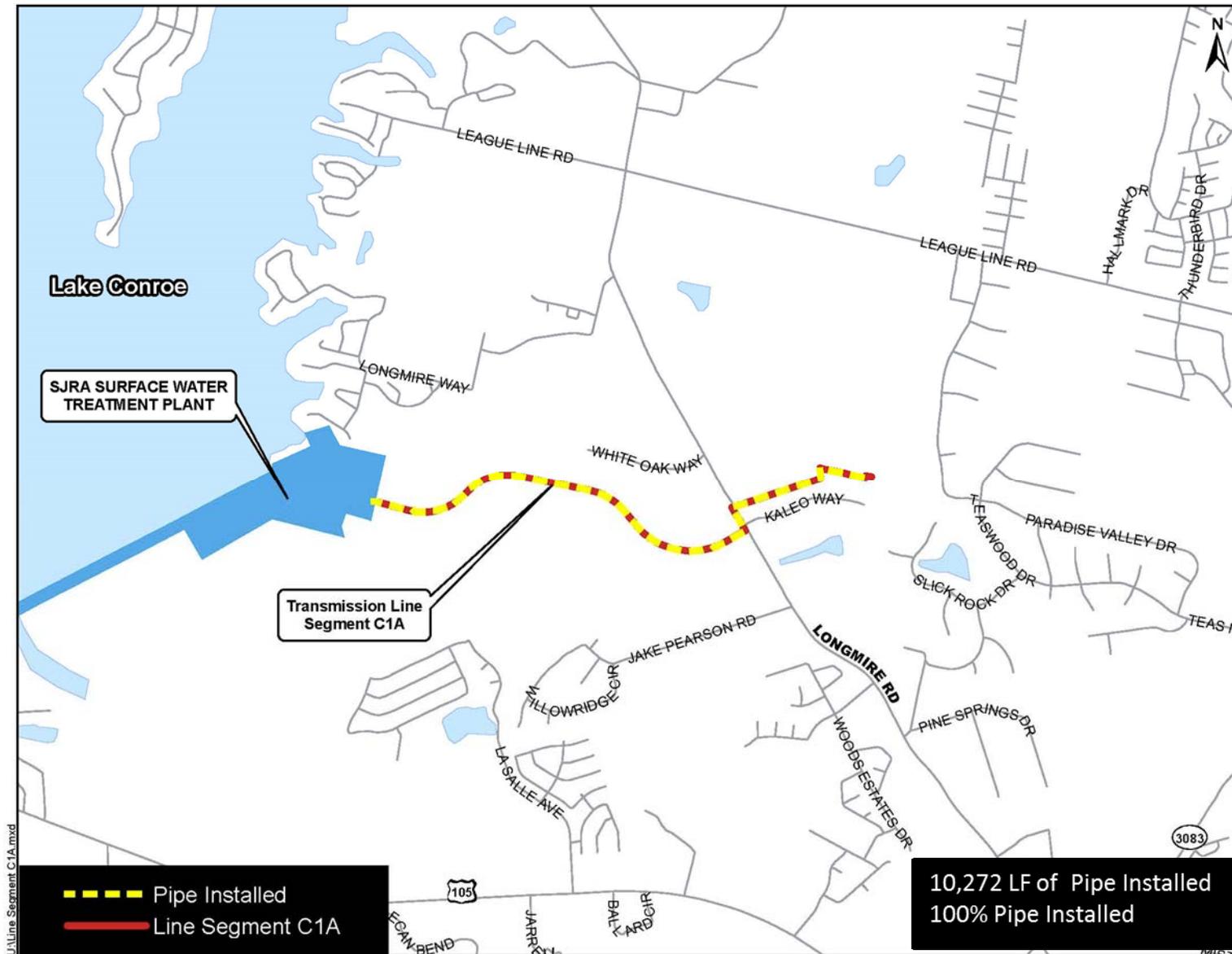


EXHIBIT 11 (con't) Transmission Line System Construction Photos

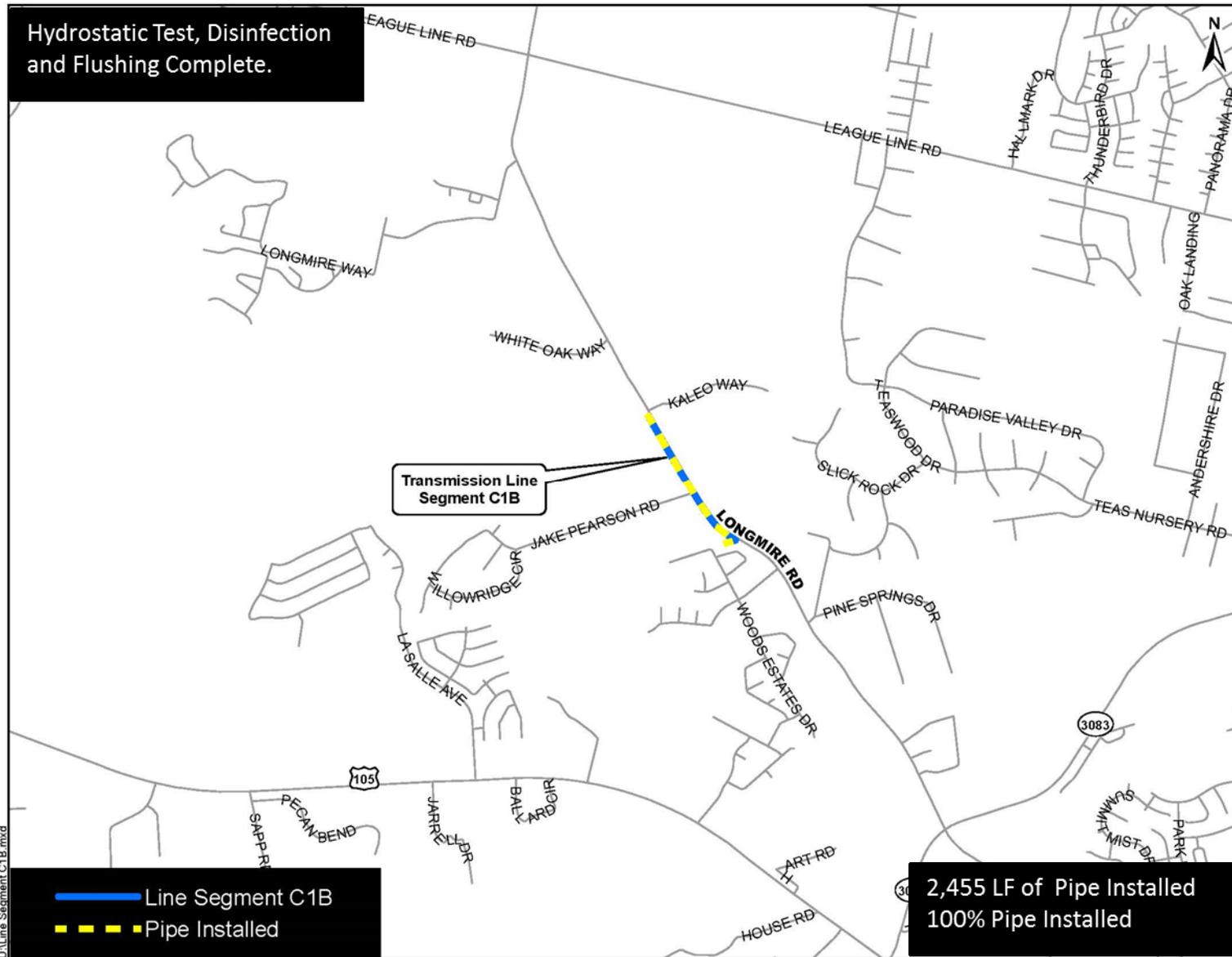


EXHIBIT 11 (con't) Transmission Line System Construction Photos

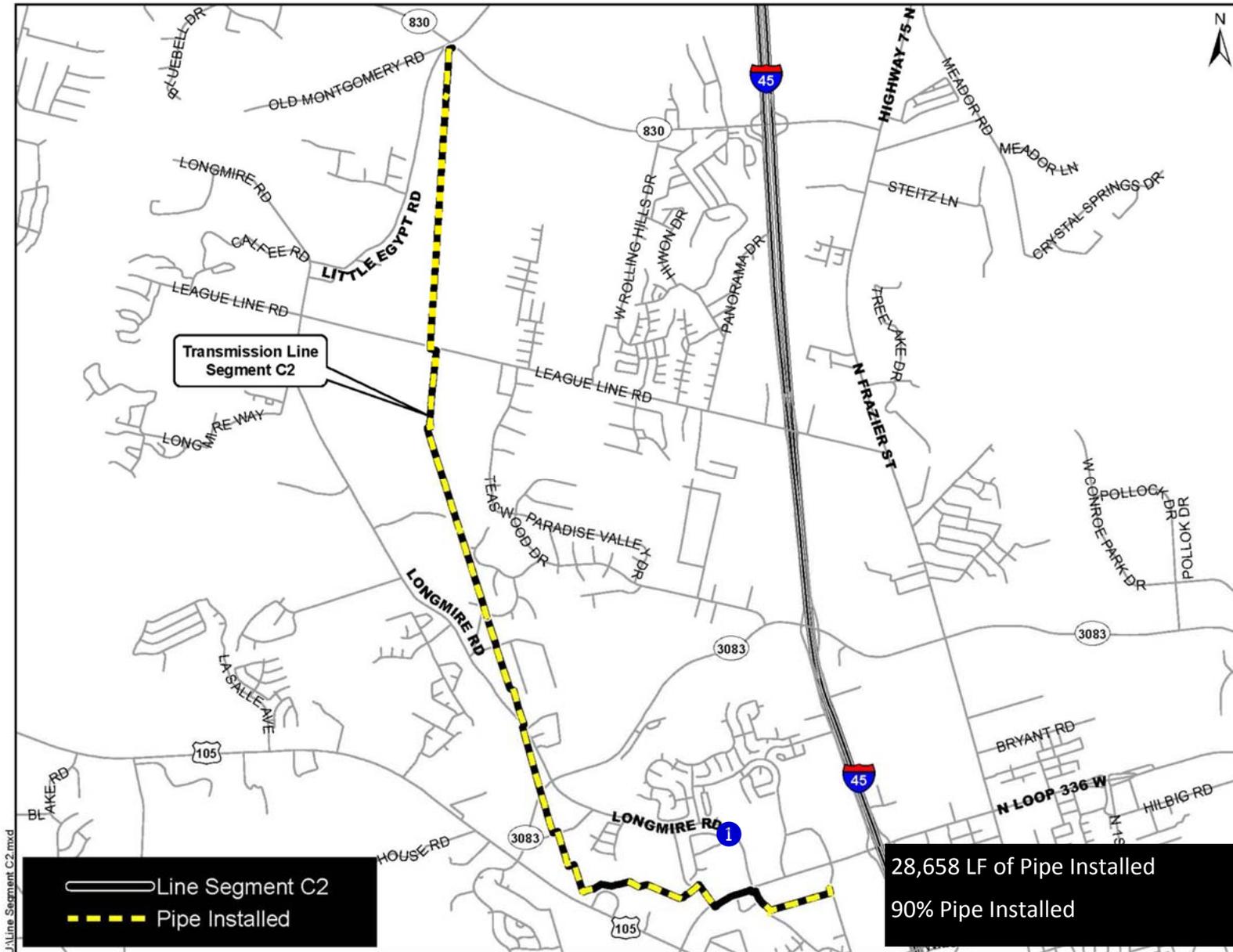


EXHIBIT 11 (con't) Transmission Line System Construction Photos



① Utility locates for tunnel construction at Longmire Road and Loop 336

EXHIBIT 11 (con't) Transmission Line System Construction Photos



EXHIBIT 11 (con't) Transmission Line System Construction Photos

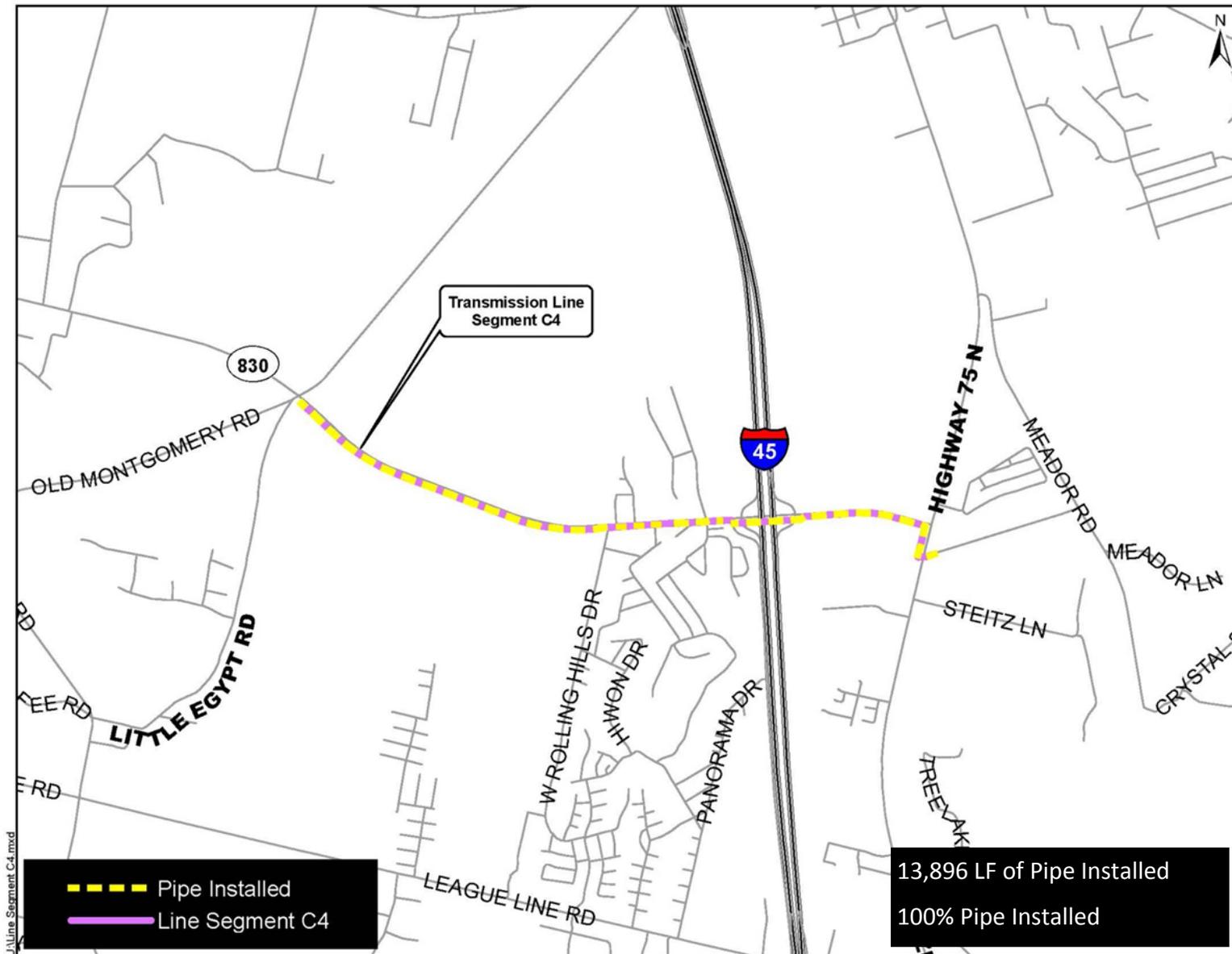


EXHIBIT 11 (con't) Transmission Line System Construction Photos

WATER RECEIVING FACILITIES—NORTH

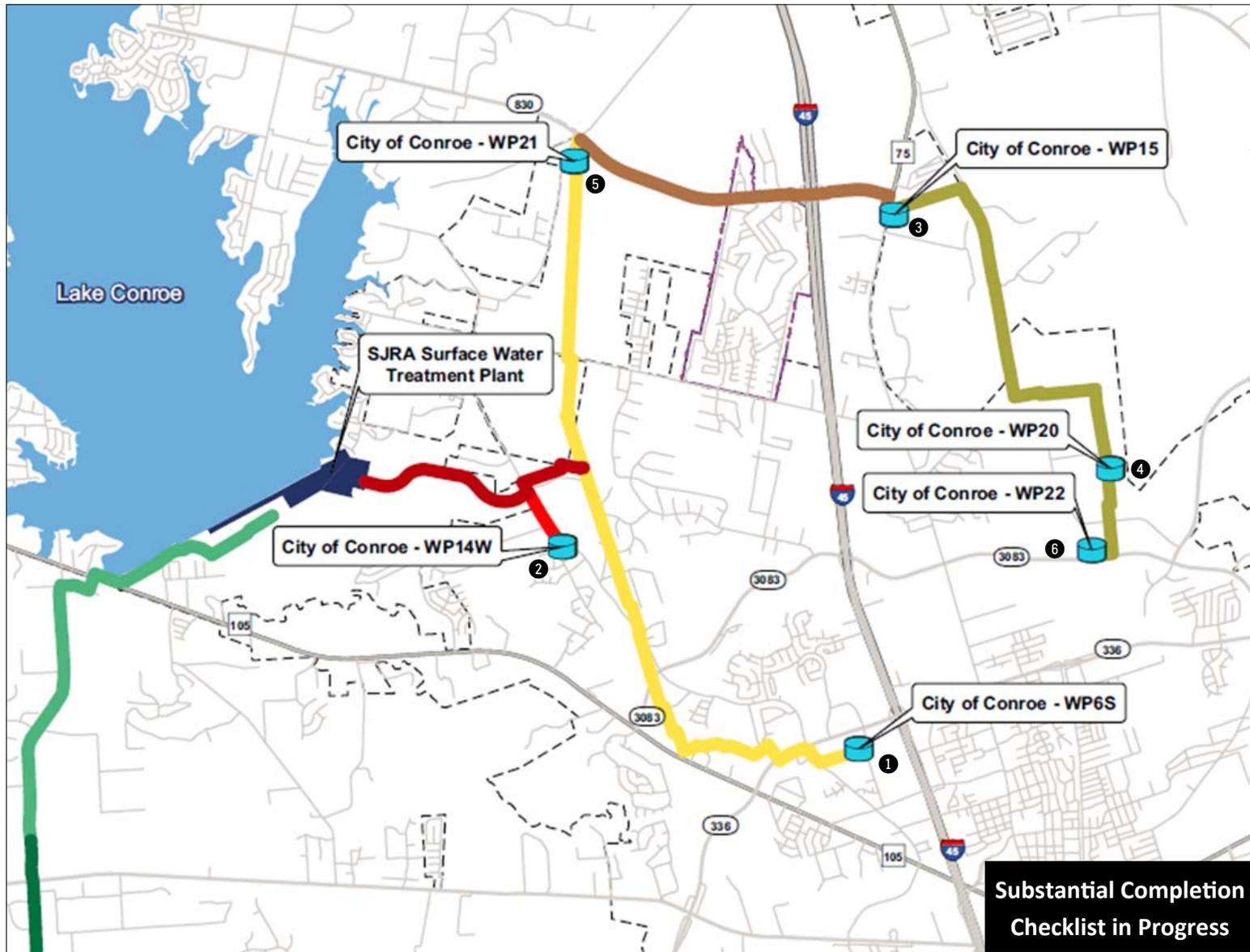


EXHIBIT 11 (con't) Transmission Line System Construction Photos

WATER RECEIVING FACILITIES—NORTH



❶ City of Conroe Water Plant No. 6S



❷ City of Conroe Water Plant No. 14W



❸ City of Conroe Water Plant No. 15



❹ City of Conroe Water Plant No. 20



❺ City of Conroe Water Plant No. 21



❻ City of Conroe Water Plant No. 22

EXHIBIT 11 (con't) Transmission Line System Construction Photos

WATER RECEIVING FACILITIES—SOUTH

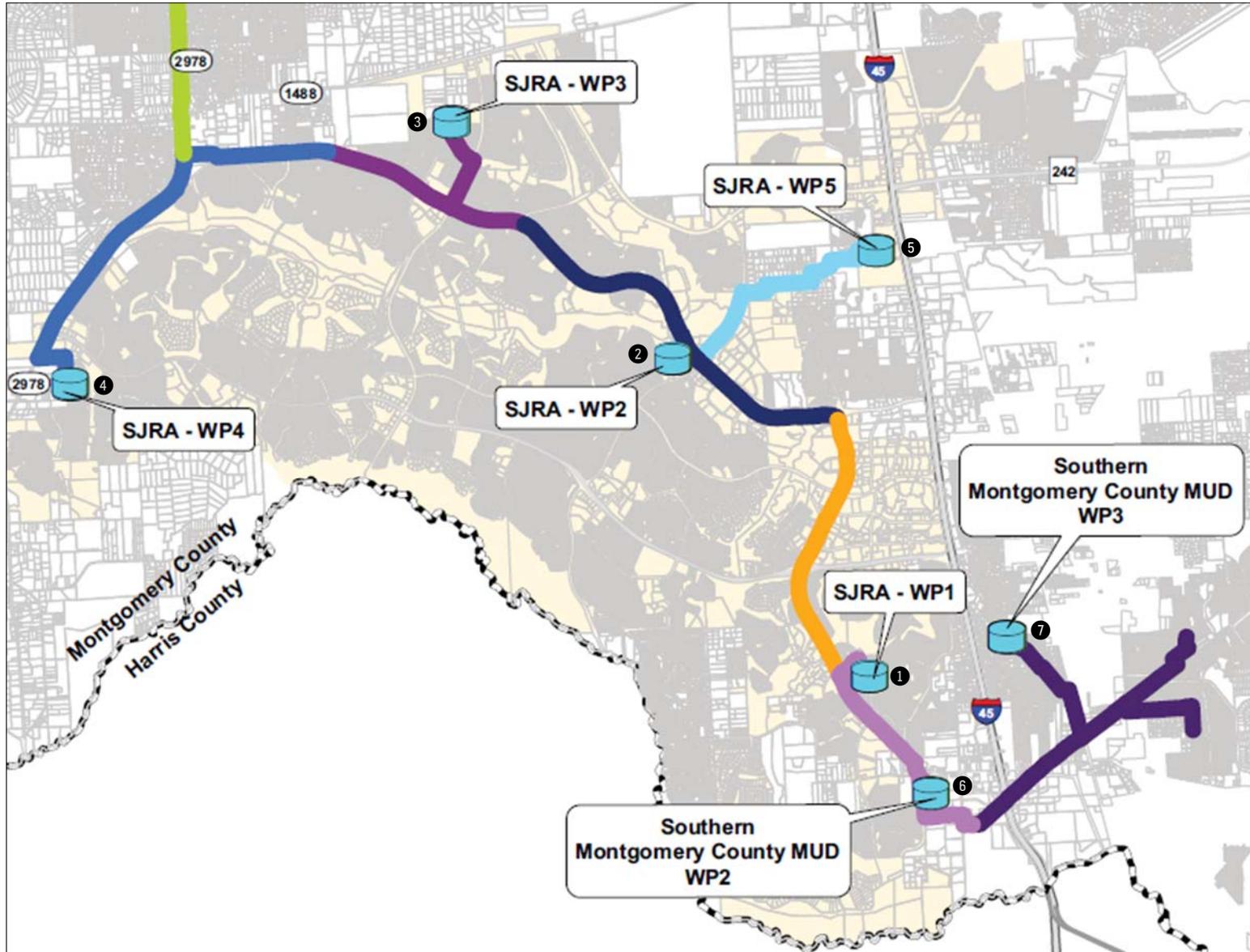


EXHIBIT 11 (con't) Surface Transmission System Line Construction Photos

WATER RECEIVING FACILITIES—SOUTH



❶ SJRA Water Plant No. 1



❷ SJRA Water Plant No. 2



❸ SJRA Water Plant No. 3



❹ SJRA Water Plant No. 4



❺ SJRA Water Plant No. 5



❻ SMC MUD Water Plant No. 2



❼ SMC MUD Water Plant No. 3

EXHIBIT 12 Surface Water Standpipe Construction Photos

Surface Water Standpipe

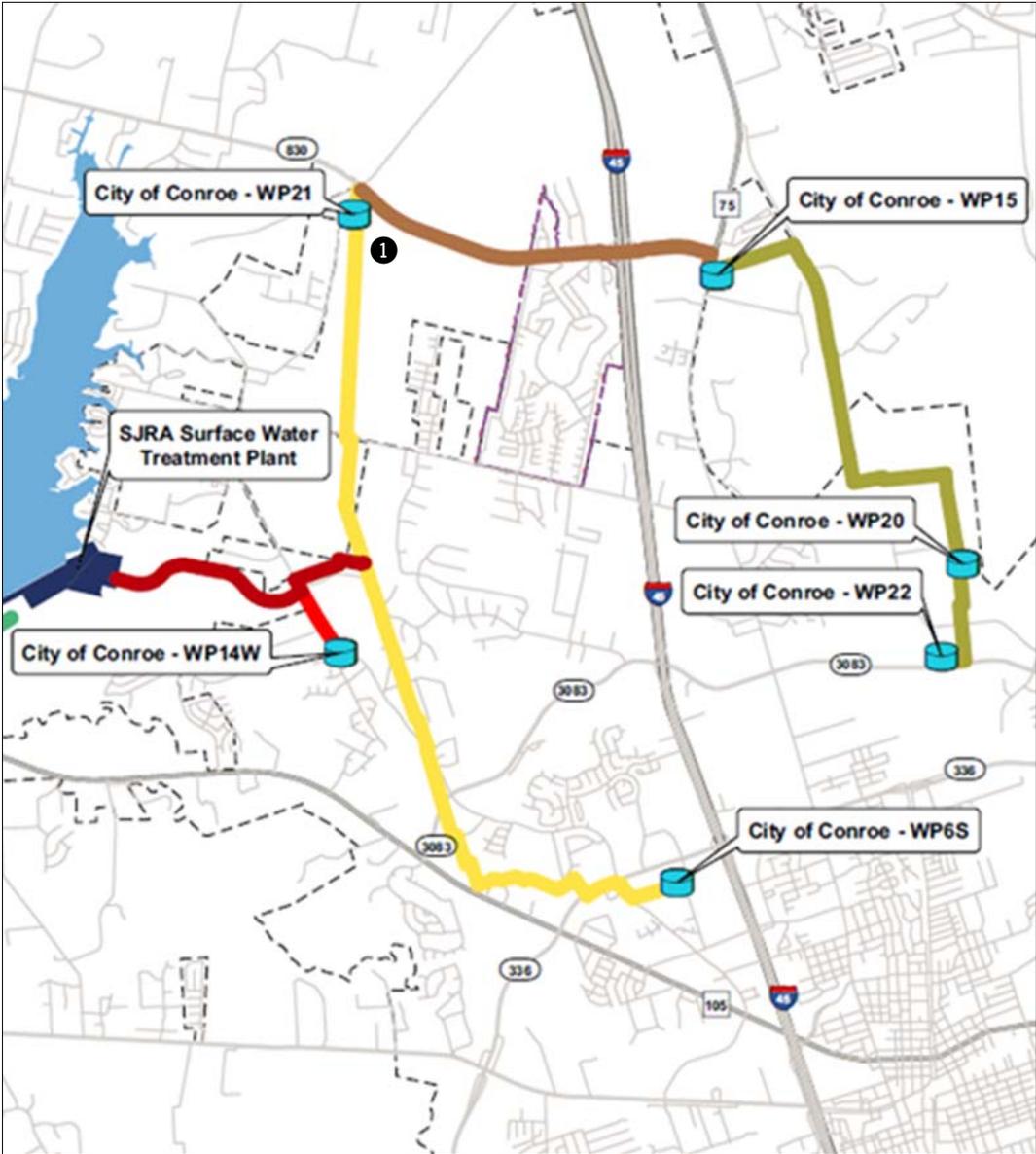


EXHIBIT 12 (con't) Surface Water Standpipe Construction Photos



① *Continuation of yard piping at Standpipe*

Fiber Optic Network Communication System Photos



EXHIBIT 13 Fiber Optic Network Communication System



Fiber Optic splicing and testing at City of Conroe Water Plant No. 20

7.0 GRP PROGRAM EXTENSIONS

7.1 ENGINEERING

Design efforts are underway for the GRP Program Extension projects. Below is a summary of the of the extension projects through the month of December.

Transmission Segment W3C - Segment W3C includes approximately 6,900 linear feet of 12-inch pipe to be constructed east of and connecting to Segment W3B along the Kinder Morgan (Tennessee Gas) pipeline corridor east of I-45, to northward along Aldine Westfield Road to the Montgomery County MUD 99 Water Plant No. 1. The 60% design drawings, specifications and metes and bounds efforts were initiated in December and are currently in process.

MUD 99 Receiving Facilities — The 100% design drawings and specifications were initiated in December and are currently in process.

