

GRP PROGRAM CONSTRUCTION PROGRESS



**GRP Review
Committee
Meeting
June 22, 2015**



**SJRA Board
of Directors
Meeting
June 25, 2015**

SURFACE WATER FACILITY CONSTRUCTION ADMINISTRATION

Project Data Thru 5/31/2015

Contracted Amount:	\$190,704,740.00
Change Orders:	\$ 0.00
Estimate to Complete:	\$190,704,740.00
Amount Invoiced:	\$180,544,623.00
Percent Complete:	95%
SJRA SWF Operation Date:	June 2015





Maintenance Building – Installation of exterior metal wall panels



SCADA System – Check-out and troubleshooting SCADA programming and communication



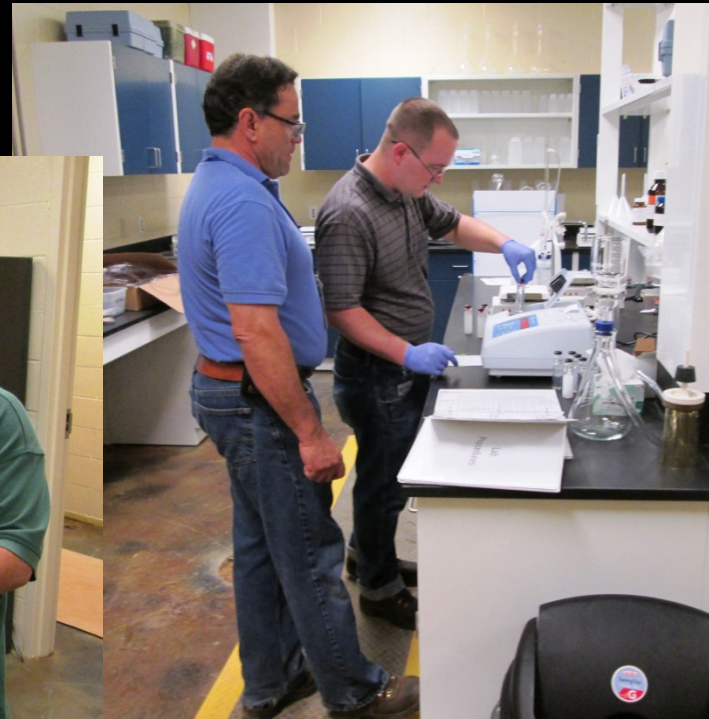
Chemical System— The first chemical delivery (Aluminum Chlorohydrate)



Pretreatment Facility – Covers installed over the suspended solids plate settlers



Pretreatment Facility – Raw water flowing through the Pretreatment Basin



Raw water sampling and testing in new laboratory



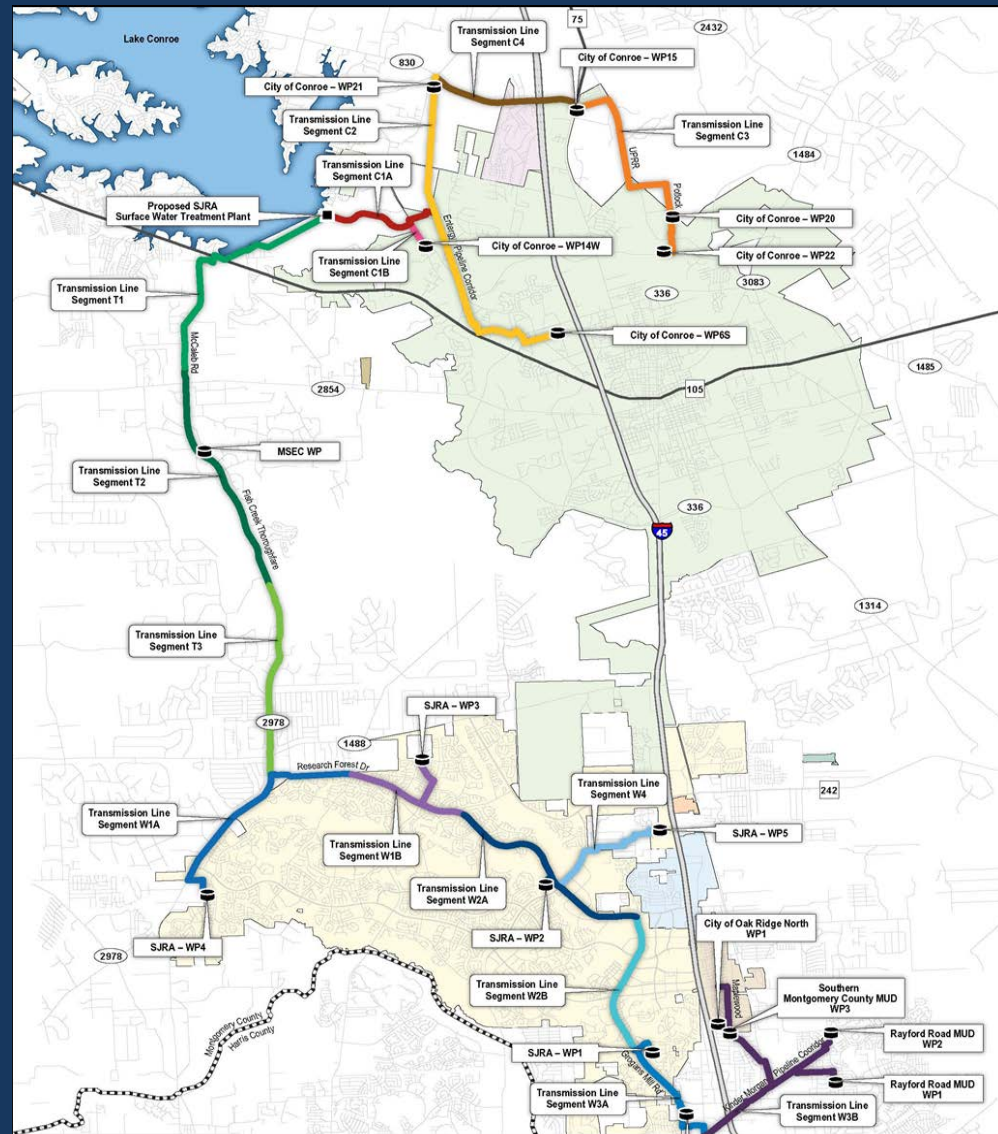
Sludge Thickeners – Solids received from the Pretreatment Facility for sludge formation

SURFACE WATER FACILITY CONSTRUCTION PROGRESS

Questions?



SURFACE WATER TRANSMISSION SYSTEM CONSTRUCTION PROGRESS



TRANSMISSION LINE SYSTEM CONSTRUCTION ADMINISTRATION

Project Data Thru 5/31/2015

Original Contract Amount: \$148,451,986.60

Change Orders: \$1,685,410.47

Total Contract Amount: \$150,137,397.07

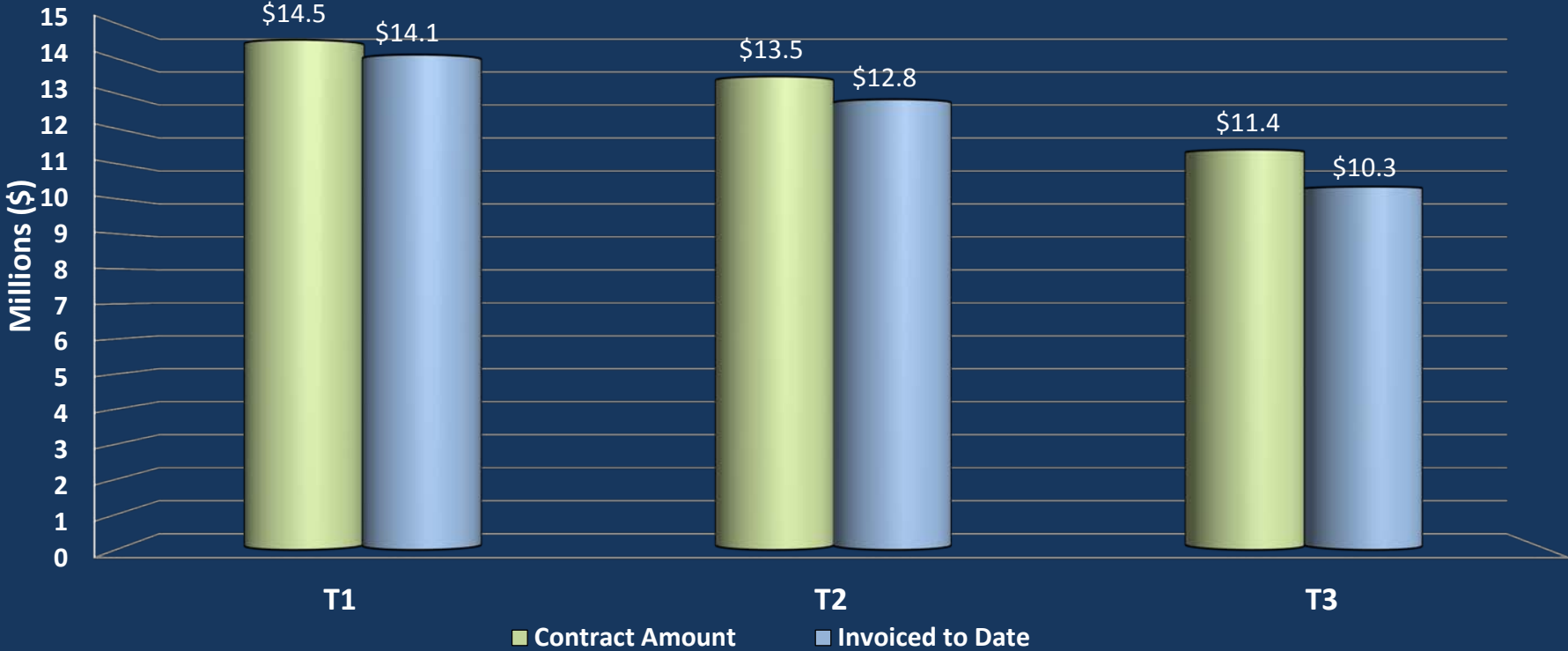
Amount Invoiced: \$139,998,393.79

Percent Complete: 93%

Estimated Completion Date: July 2015



SURFACE WATER TRANSMISSION SYSTEM "T" ROUTES - PROJECT DATA



SURFACE WATER TRANSMISSION SYSTEM "T" ROUTES - PROJECT STATUS

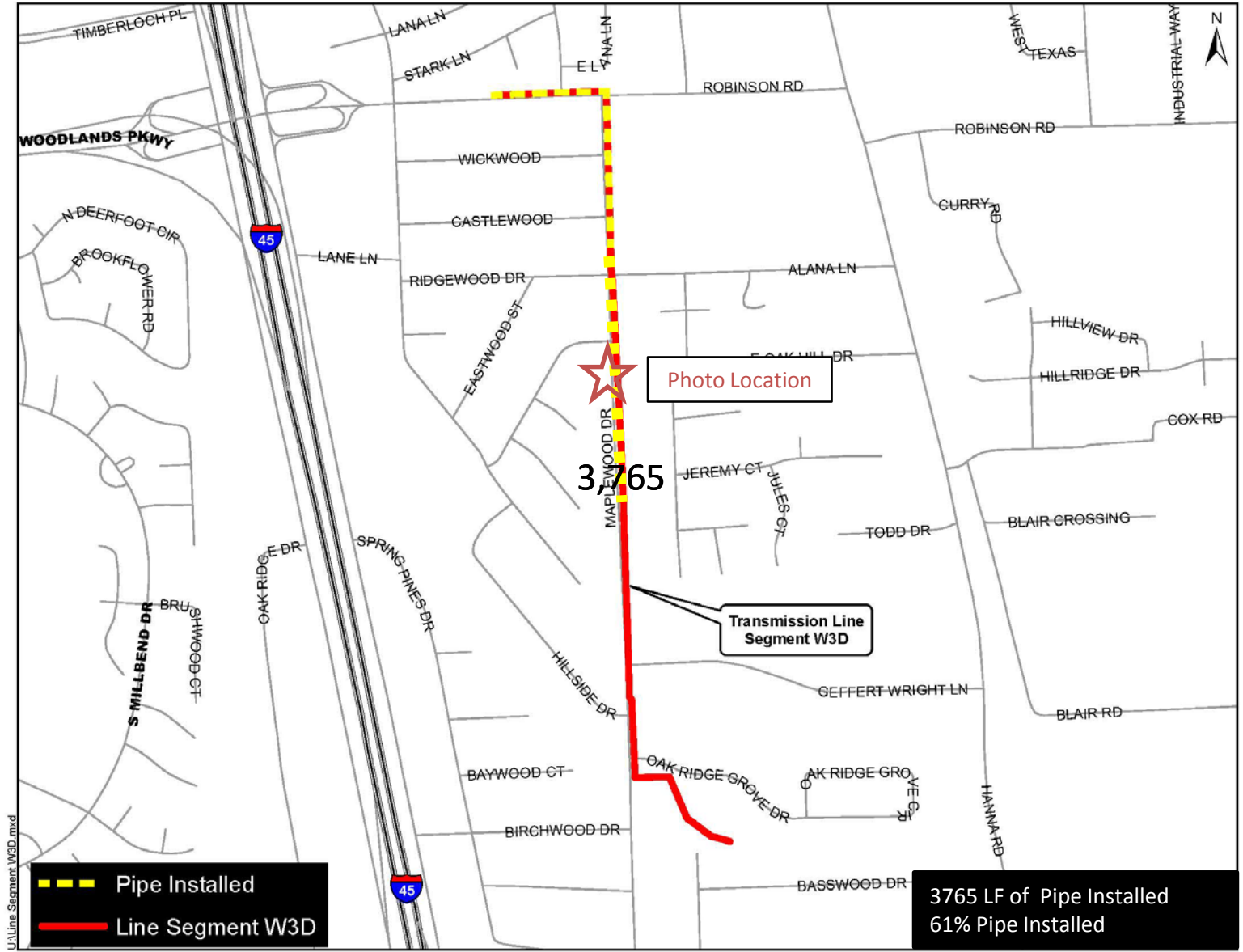
Line	Overall % Complete	Testing % Complete	Substantial Completion	Final Completion
T1	97%	100%	✓	✓
T2	95%	100%	✓	✓
T3	91%	0%		

SURFACE WATER TRANSMISSION SYSTEM "W" ROUTES - PROJECT DATA



SURFACE WATER TRANSMISSION SYSTEM "W" ROUTES - PROJECT STATUS

Line	Overall % Complete	Testing % Complete	Substantial Completion	Final Completion
W1A	95%	100%	✓	✓
W1B	94%	100%	✓	✓
W2A	93%	100%	✓	✓
W2B	92%	100%	✓	✓
W3A	96%	100%	✓	✓
W3B	95%	56%		
W3D	20%	0%		
W4	93%	100%	✓	✓



LA\Line Segment W3D.mxd

- Pipe Installed
- Line Segment W3D

Photo Location

3765

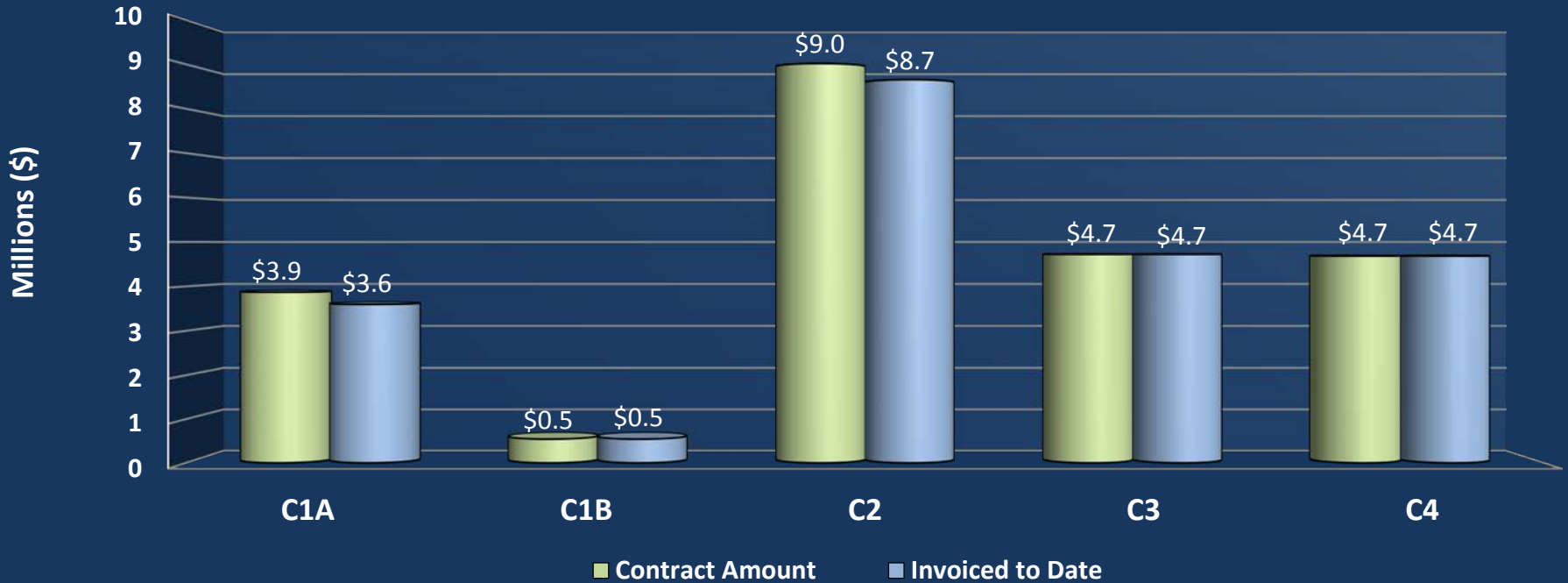
Transmission Line Segment W3D

3765 LF of Pipe Installed
61% Pipe Installed










Installation of flushing hydrant adjacent to 16-inch waterline along Maplewood Drive

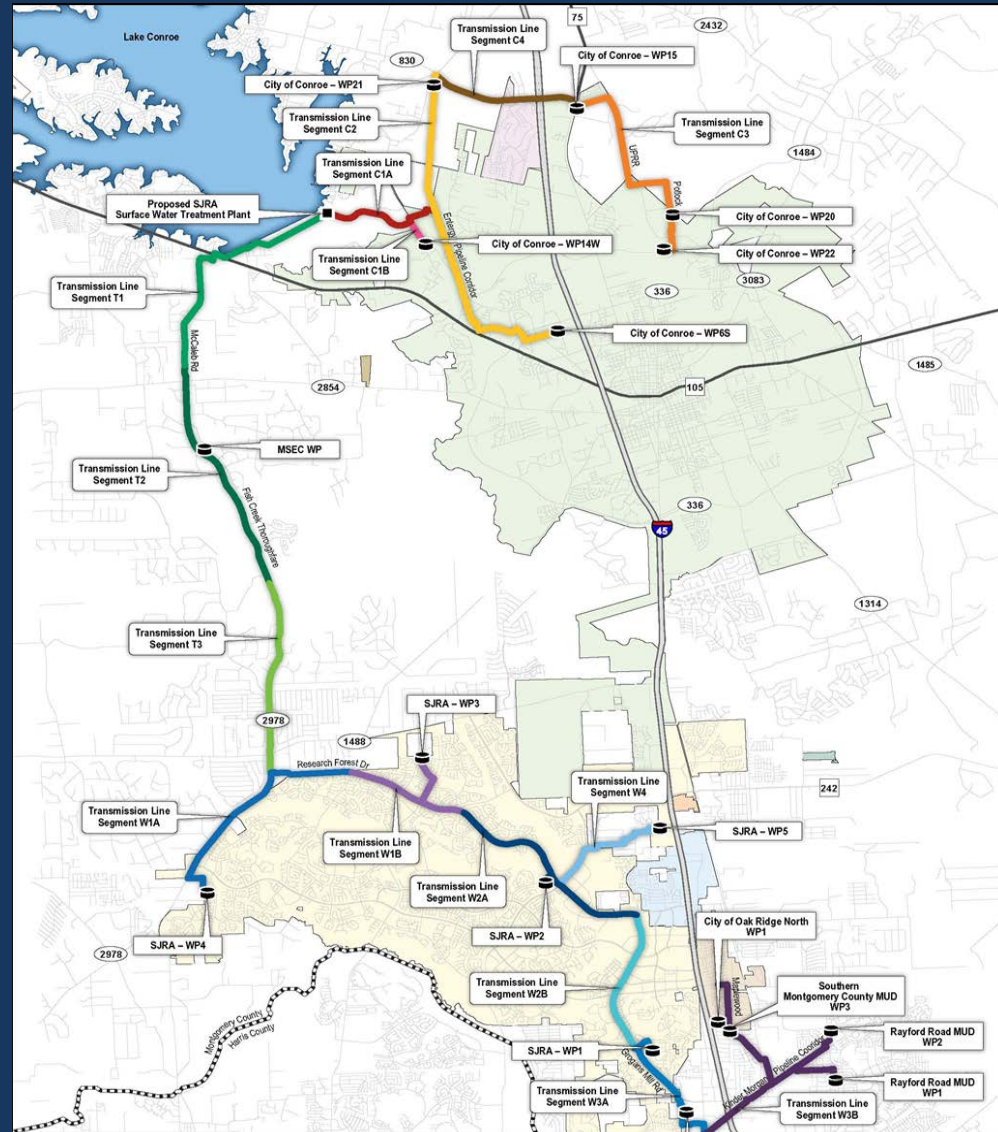
SURFACE WATER TRANSMISSION SYSTEM "C" ROUTES - PROJECT DATA



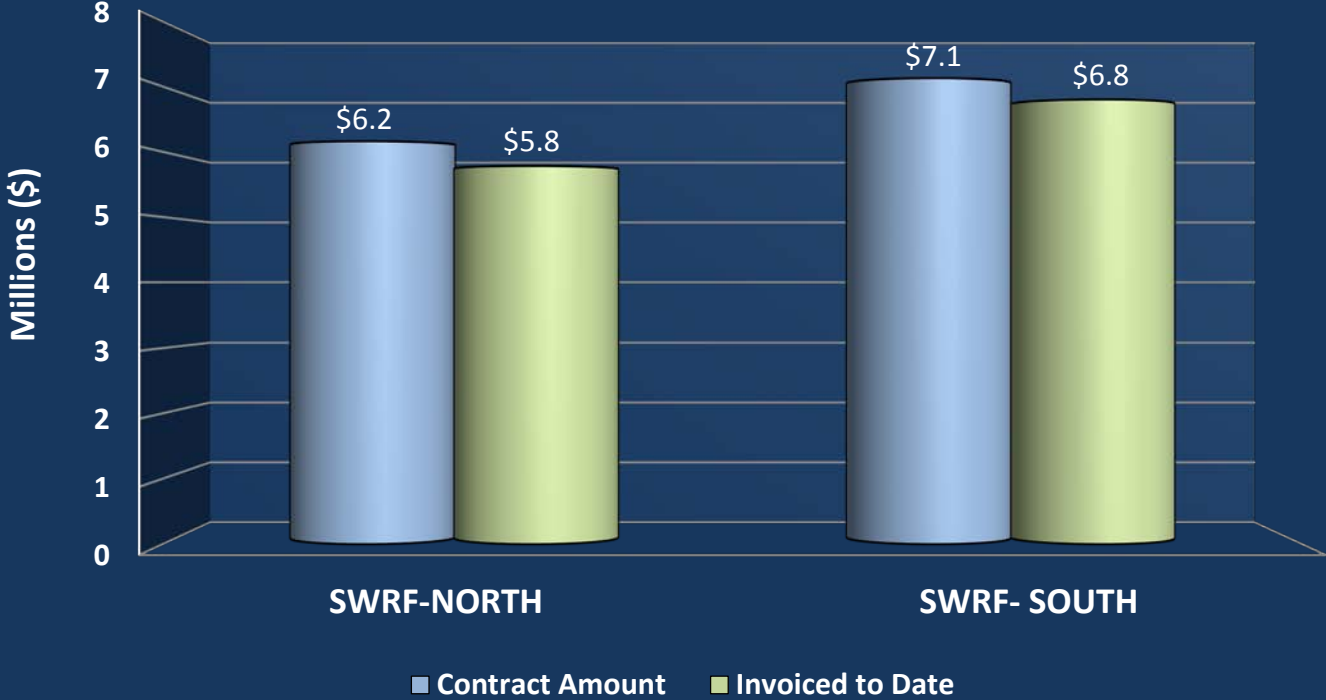
SURFACE WATER TRANSMISSION SYSTEM "C" ROUTES - PROJECT STATUS

Line	Overall % Complete	Testing % Complete	Substantial Completion	Final Completion
C1A	93%	100%		
C1B	100%	100%		
C2	96%	100%		
C3	100%	100%		
C4	100%	100%		

SURFACE WATER RECEIVING FACILITIES CONSTRUCTION PROGRESS



SURFACE WATER TRANSMISSION SYSTEM RECEIVING FACILITIES - PROJECT DATA

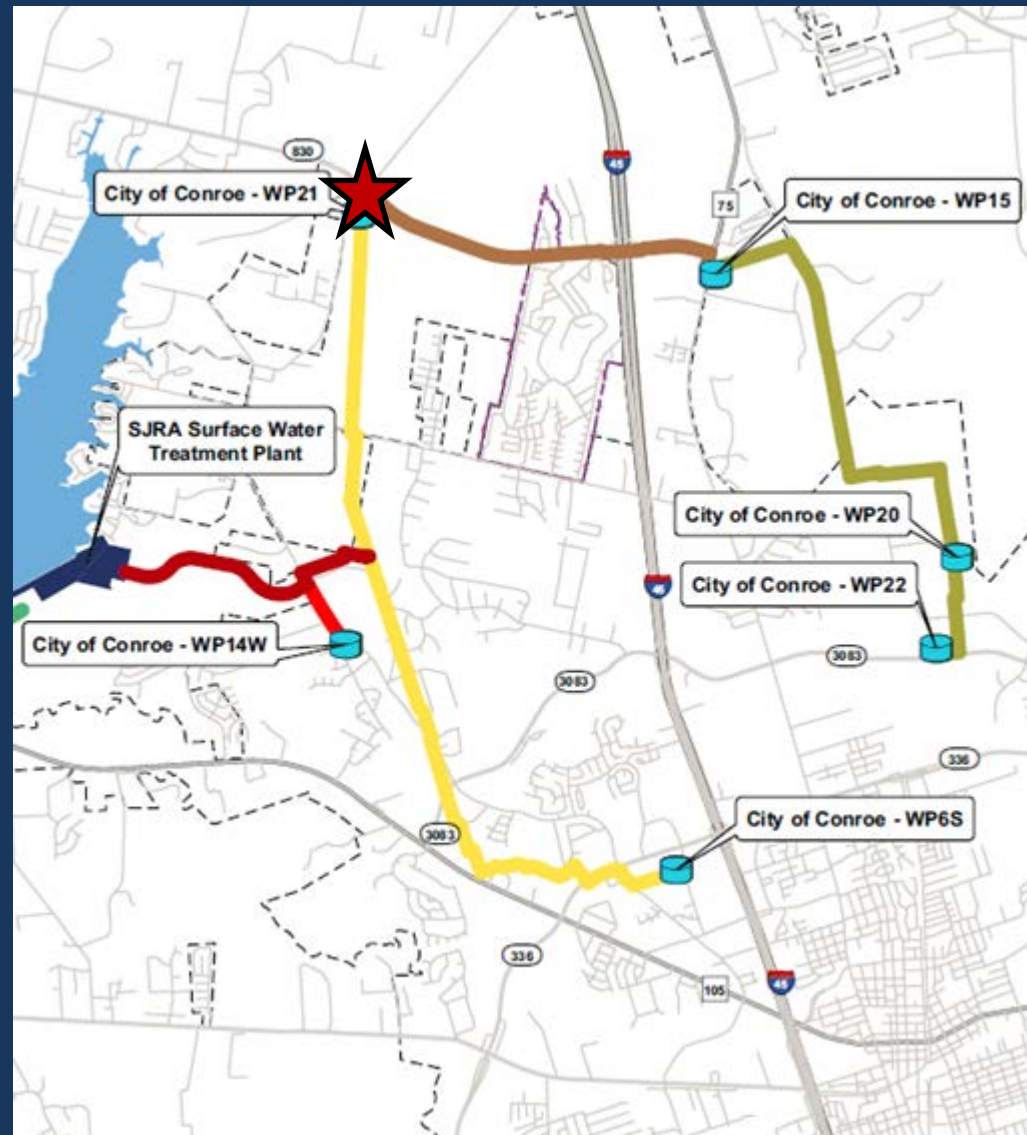


SURFACE WATER TRANSMISSION SYSTEM RECEIVING FACILITIES - PROJECT STATUS

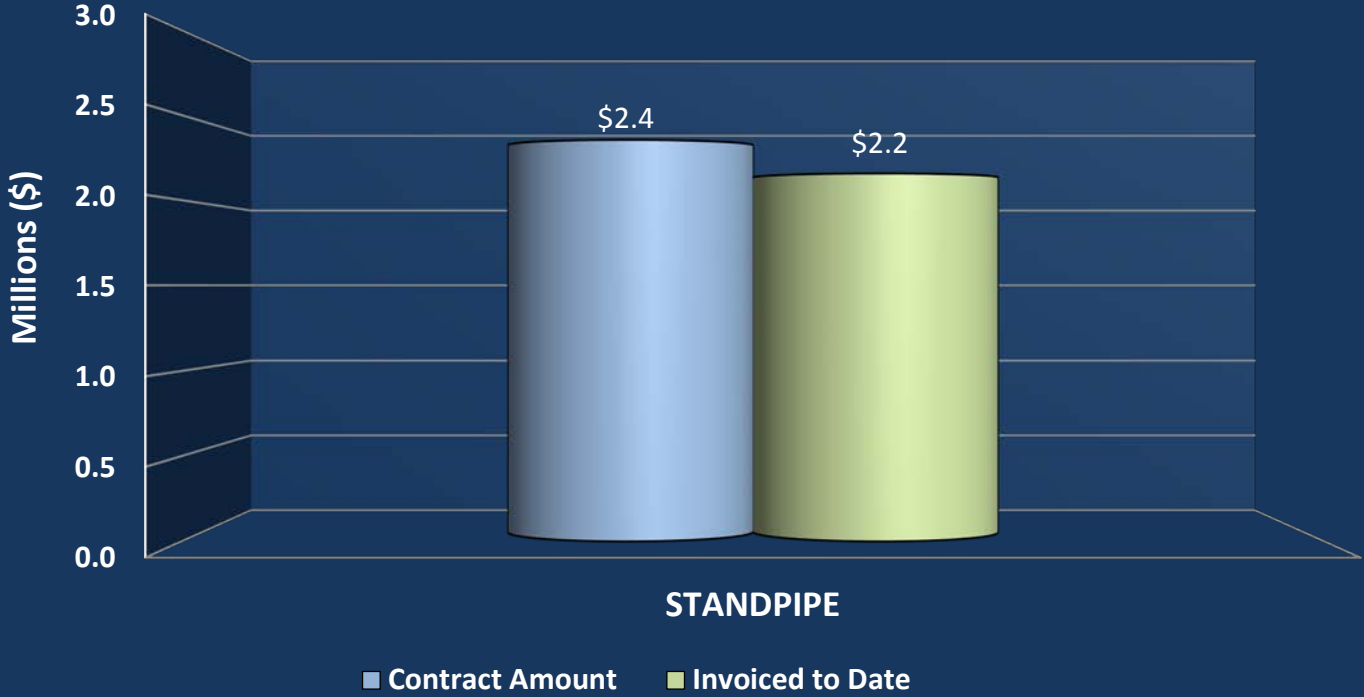
Facility	Overall % Complete	Testing % Complete	Substantial Completion	Final Completion
South	94%	100% *	✓	
North	94%	100% *	✓	

* All Pre-Operational testing is complete. Operational testing cannot be conducted until SJRA begins water flow in the system.

SURFACE WATER STANDPIPE CONSTRUCTION PROGRESS



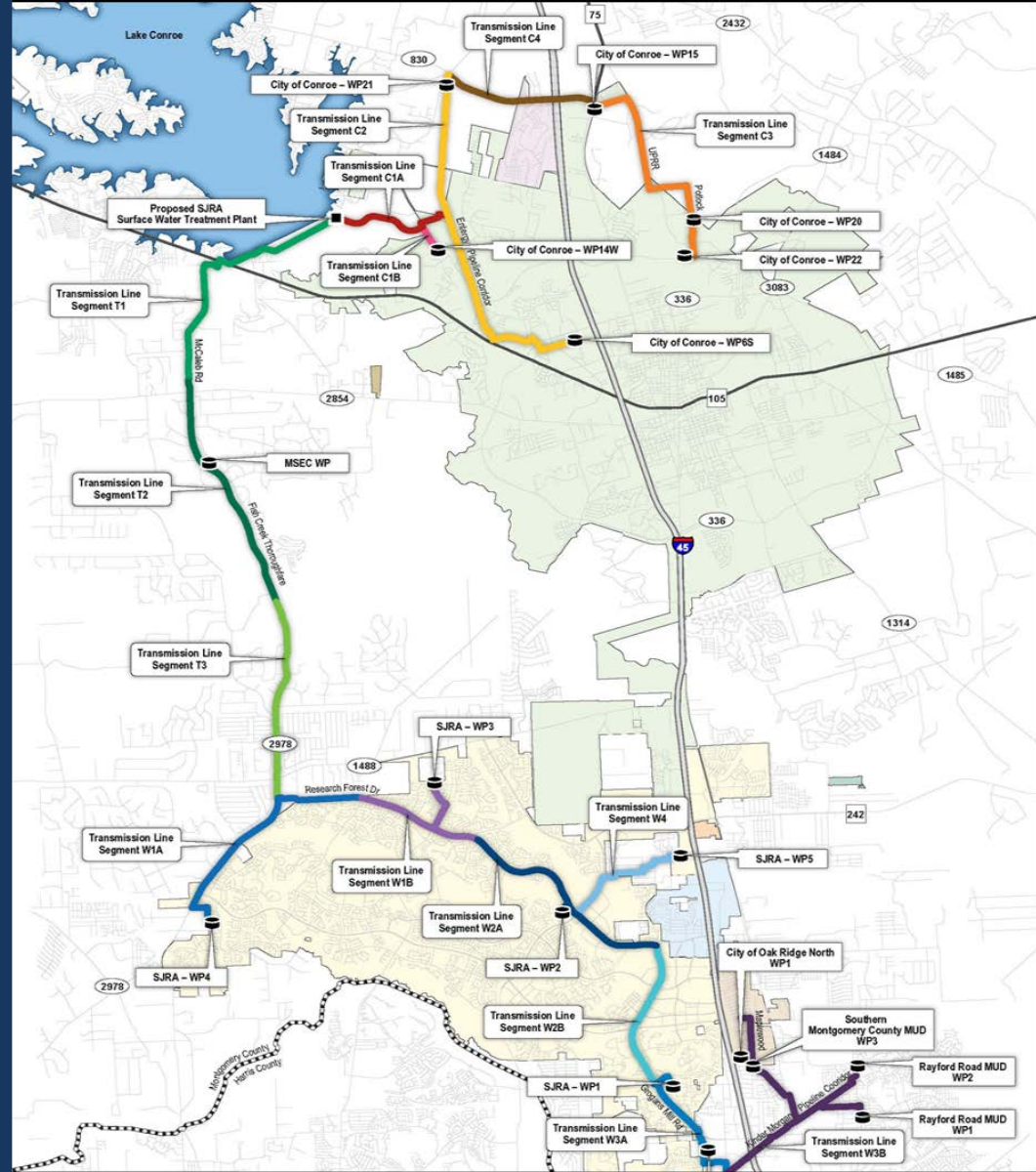
SURFACE WATER TRANSMISSION SYSTEM STANDPIPE - PROJECT DATA



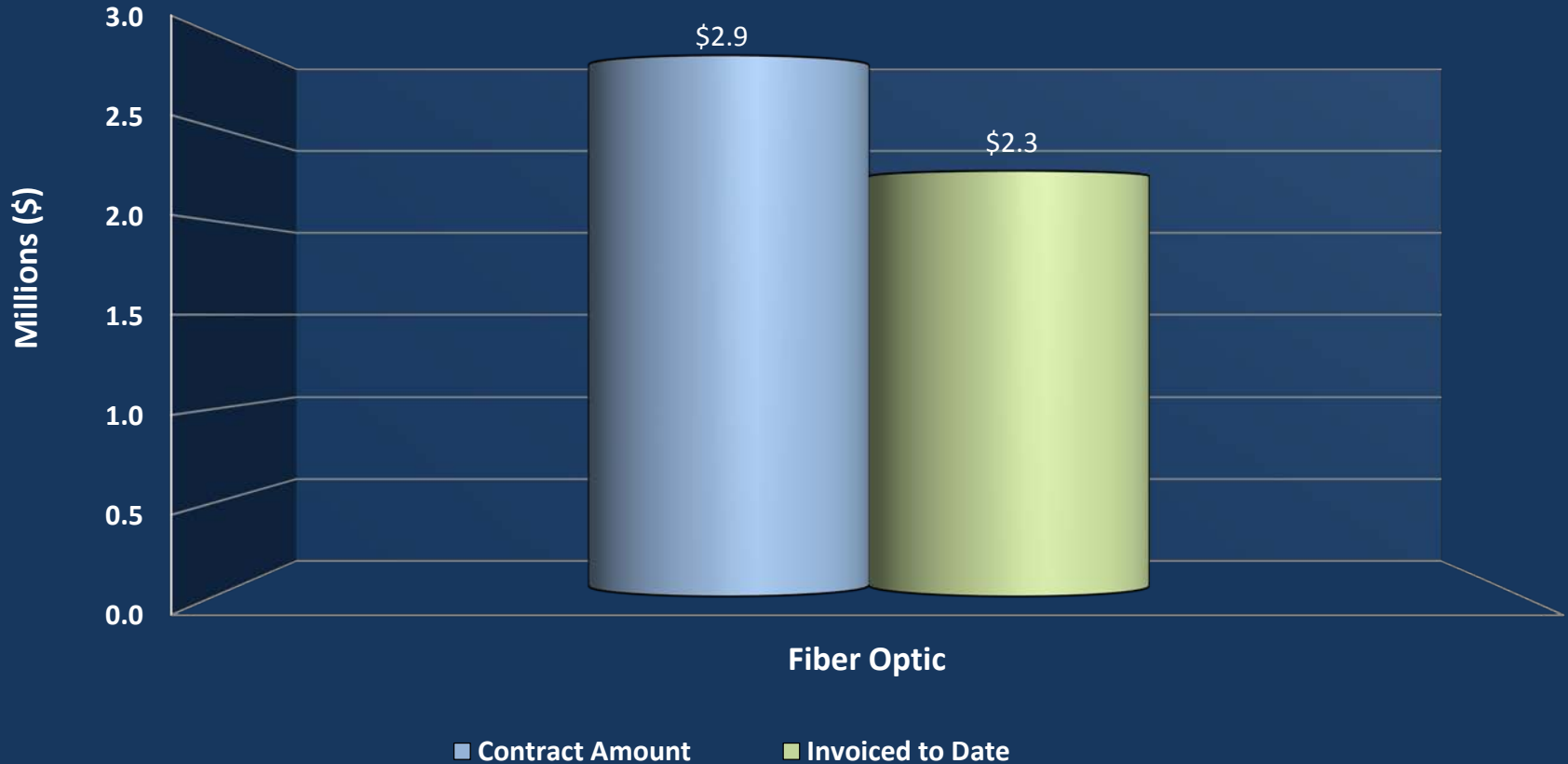


Standpipe yard piping complete; only site paving remains

FIBER OPTIC COMMUNICATION CONSTRUCTION ADMINISTRATION



SURFACE WATER TRANSMISSION SYSTEM FIBER OPTIC - PROJECT DATA

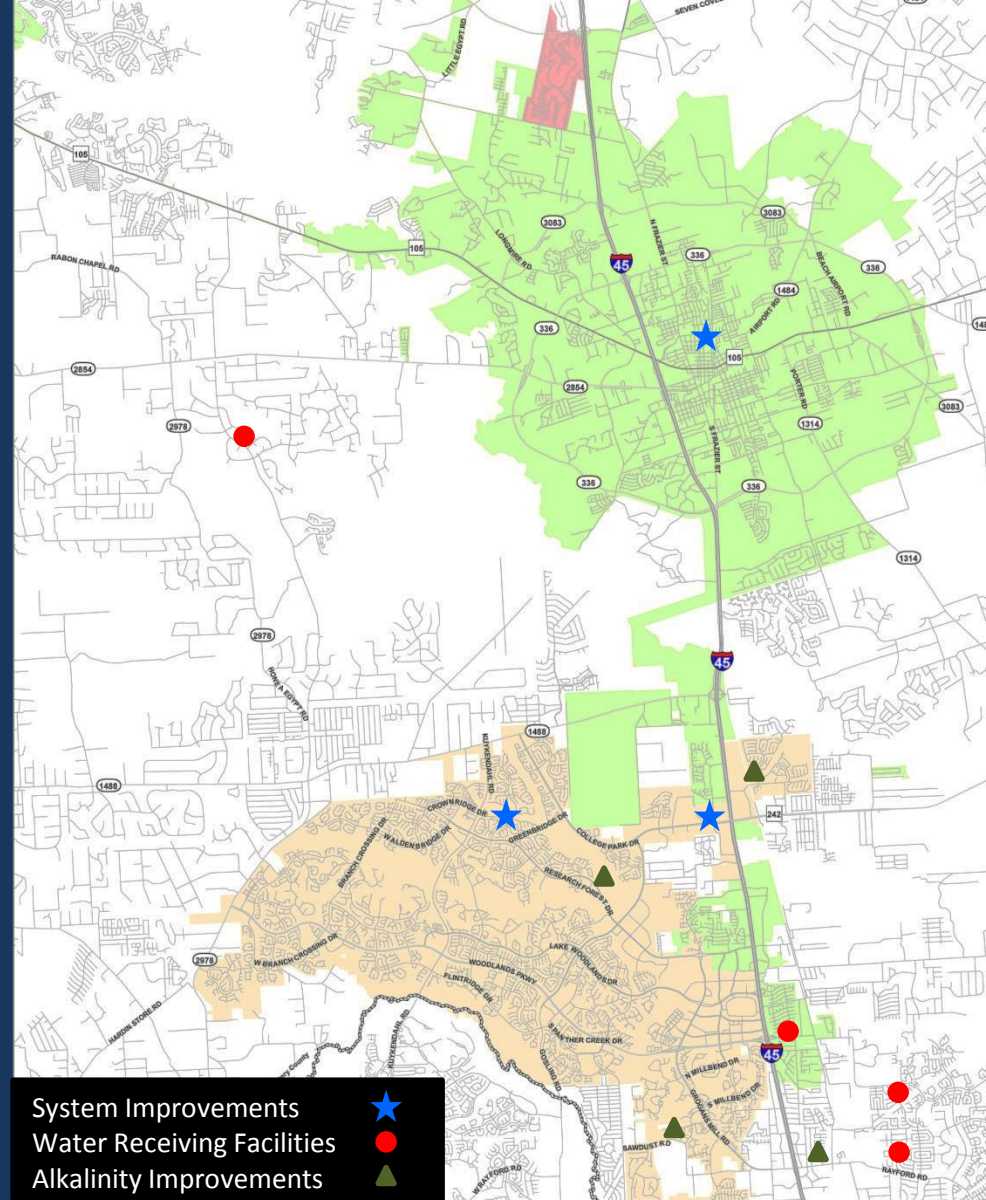




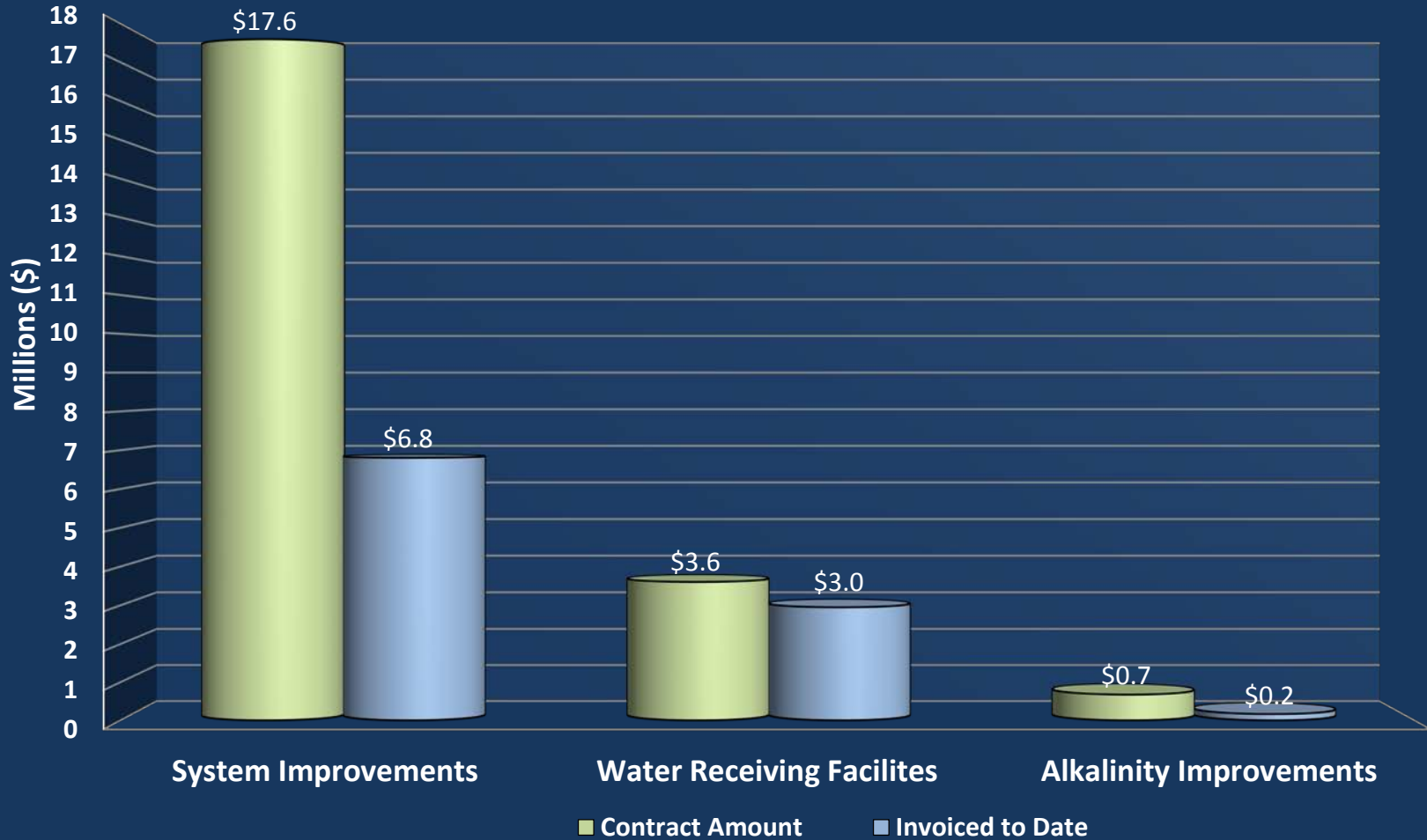
SJRA staff installing fiber optic cable conduit in the GRP Operations Building

Facility Improvements By GRP Participants (Contract Amount)

System Improvements	\$ 17,593,931.55
Water Receiving Facilities	\$ 3,603,916.98
Alkalinity Improvements	\$ 674,997.00
Total System Improvements	\$ 21,872,845.53



FACILITY IMPROVEMENTS BY GRP PARTICIPANTS





System Improvements - City of Conroe's Water Plant No. 6 (new pump building)



System Improvements - City of Oak Ridge North's Water Plant



System Improvements - PLC panel and flow control valve completed at Mid South's Water Plant



System Improvements - SJRA staff assisting with check-out at Rayford Rd. MUD's Water Plant No. 1



System Improvements - SCADA PLC communication check-out at Rayford Rd. MUD's Water Plant No. 2

QUESTIONS?



SURFACE WATER TRANSMISSION SYSTEM CONSTRUCTION PROGRESS

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