

SAWS E-54 Project Contractor Outreach

Diana L. Woltersdorf

Manager, Contract Administration, SAWS

Cristina Brantley, P.E.

Director, Engineering Pipelines, SAWS

Juan Gomez, Ph.D., P.E.

Director, Plants and Major Projects, SAWS

Marisol V. Robles

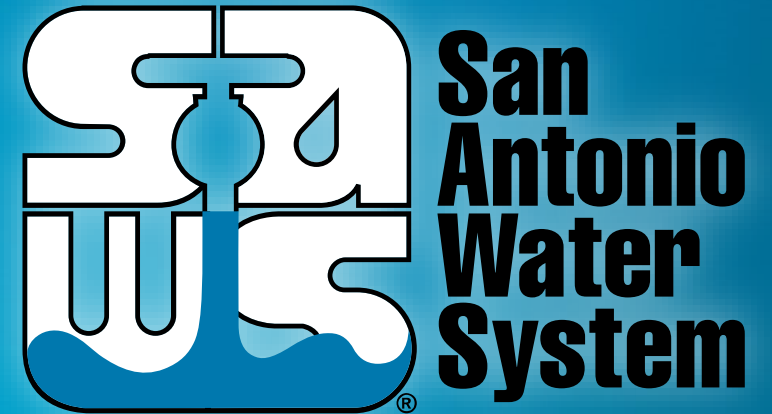
SMWVB Program Manager, SAWS

Marshall Preas, P.E./ Ray Medrano, P.E.

Sr. Project Manager/Sr. Project Engineer, Pape-Dawson Engineers, Inc.

Dr. Chris Breeds, P.E.

President, SubTerra, Inc



Contractor Outreach

March 3, 2022

MAKING SAN ANTONIO
WATERFUL

A small icon of a glass filled with water, positioned between the words 'WATERFUL' and 'L'.

WebEx Reminders

- Please stay muted during the presentation.
- Sign-In using the Chat feature ensuring to select “Everyone” from the drop down menu with name, company name and contact information.
- Ask questions at any time during the presentation utilizing the Chat. Questions will be addressed at the end of the presentation.
 - Ensure to direct your questions to the entire group by selecting everyone from the drop down.
- Audio only attendees may follow along on the presentation posted to the SAWS solicitation website.

Oral Statements

Oral statements or discussion during this Contractor Outreach Meeting will not be binding, nor is there a guarantee that the discussion will result a change to the terms or conditions of the construction contract for the projects.

Meeting Agenda

- Objective
- SMWVB Information
- Solicitation Overview
- Key Dates
- Questions, Comments and Feedback
- Contractor Feedback
- Additional Reminders
- Project Overview
- Questions

Objective

- The San Antonio Water System is performing outreach to prospective Prime Contractors and subcontractors who can provide Rock Trenching, Tunneling and Support Services Subcontractors. The project is will be implemented via two (2) separate construction solicitations:
 - E-54 Sewer Main Project, and
 - E-54 Regional Lift Station Project

Objective

- The E-54 Sewer Main Project consists of installation of approximately 6 miles of 18- to 30-inch gravity sewer pipe and force mains in limestone rock via open-cut trenching, tunneling, and jack and bore installation methods
- The project is located in the Edwards Aquifer Recharge Zone on the North side of San Antonio, near Bulverde Road between Loop 1604 and Evans Road

Objective

- The E-54 Regional Lift Station Project includes the construction of a new 6.6 million gallons per day lift station.
 - The work will also include decommissioning of three (3) existing lift stations: Fossil Ridge, Fischer, and Fox Grove
- The facility is located within the Edwards Aquifer Recharge Zone on the North side of San Antonio, near Bulverde Road between Loop 1604 and Evans Road
- The new regional lift station is in the Fox Grove subdivision and will be located north of the existing Fox Grove Lift Station.

Aspirational SMWB Goal

Industry	Aspirational SMWB Goal
Construction	20%

The aspirational SMWB goal is 20% of your total proposal price.

Accepted SMWVB Certification Agency

- **South Central Texas Regional Certification Agency**
(Includes the Texas Historically Underutilized Business “HUB” Program)

Minimum Qualifications for SMWVB recognition:

- SBE-Certified (even MBEs and WBEs)
- **Local office or local equipment yard**

Good Faith Effort Plan (GFEP) FAQs

- **Q: Is the 20% SMWB goal mandatory?**
A: No, but we ask prime contractors to do their best with good faith outreach efforts. If the goal is not met, proof of outreach efforts is required with the submittal.
- **Q: What if I am having trouble finding SMWB subcontractors?**
A: Please email the SMWVB Program Manager with the scopes of work you are seeking. You will receive lists of local SMWVB-certified firms to contact.
- **Q: What if my business is SMWB-certified? Do I need to find SMWB subs?**
A: If your firm is SMWVB-certified, you will most likely meet the goal. However, the GFEP is a required document, and a good faith outreach effort is still necessary.
- **Q: Do I need to include all my subcontractors in the GFEP or just those that qualify towards the SMWB goal?**
A: All subcontractors need to be included in the GFEP, even those that may not count towards the SMWB goal.
- **Q: What if I have questions about the GFEP?**
A: Please contact the SMWVB Program Manager at 210-233-3420, or at Marisol.Robles@saws.org. GFEP questions can be asked at any time before the submittal is due.

Post Award: Subcontractor Payment & Utilization Reporting (S.P.U.R.) System

1. Subcontractor & Supplier Payment Tracking
2. Subcontractor and Supplier Additions or Substitutions
3. Must be Current and Accurate before Retainage is released

<https://saws.smwbe.com>



San Antonio Water System

OUR MAIN SITE CONTACT SUPPORT

Subcontractor Payment & Utilization Reporting System

Log In

System Training
Learn how to fully utilize our system with a live trainer
Training

About the System
Learn more about this system and how it works today
Information for Vendors

Account Access
Lookup Vendor accounts or reset user passwords
Account Lookup
Forgot Password

The Subcontractor Payment & Utilization Reporting System is powered by B2Gnow Software © Copyright 2018.

Solicitation Overview

- The construction contracts associated with these projects will be procured through the Request for Competitive Sealed Proposals (RFCSP) alternative construction delivery method.
- Proposals will be evaluated based on qualifications, experience, teaming, SMWVVB, and price.
 - Price will not be the sole determining factor
 - SAWS will select the contractors that provide the best value.

Solicitation Overview

- Contractors will utilize Evaluation Criteria Forms to respond.
- Contractors will be required to provide evidence of projects similar to the scope of these projects to include:
 - Installation of large diameter gravity sewer mains and force mains via open cut and trenchless (rock trenching, tunneling, jacking and boring)
 - Construction of new lift stations and decommissioning of existing lift stations
 - This will also include similar projects by key subcontractors
 - Contact information of references should be verified prior to submitting a proposal

Key Dates

March 3, 2022

Contractor Outreach Meeting

March 18, 2022

Comments and Feedback Deadline

Q2 2022

Advertise for Construction

Q3 2022

SAWS Board Approval, Award, and NTP

Q4 2024

Substantial Completion

Q2 2025

Project Completion

The dates/timeline are tentative and subject to change. Please continue to monitor SAWS website.

Questions, Comments and Feedback

- SAWS is seeking questions, comments and feedback from interested contractors.
- **Roxanne Lockhart** is the Point of Contact for this informational meeting, as well as the future RFCSPs.
- Comments and feedback should be submitted no later than March 18, 2022.
 - Roxanne can also be contacted after the deadline for contractor feedback if needed to answer questions about the timeline or the RFCSPs.
- Must be submitted in writing:

Roxanne.Lockhart@saws.org

Fax: (210) 233-4438

Contractor Feedback

- This includes, but is not limited to, the availability of:
 - Long-lead materials (e.g., pipe)
 - Long-lead equipment (e.g., valves, pumps, electrical, I&C, etc.)
 - Contractor crews
 - Contractor equipment
- Project schedule
- Access and work areas

Must be submitted in writing to Roxanne at Roxanne.Lockhart@saws.org

Additional Reminders

- Register through SAWS Vendor Registration Program on the SAWS website at www.saws.org to ensure access to the latest information.
- To receive updates on specific projects, registered vendors must ‘Subscribe’ to the project by selecting the project, and clicking ‘Subscribe’ under the “Notify Me” box.

The screenshot shows a sidebar menu on the left with the following items: Contract & Project Management System, Future Contract Opportunities, Procurement Bids, Construction & Materials Specifications, Developer Resources, Design Resources, and Vendor Registration. A red arrow points from 'Vendor Registration' to the project listing area.

E-54 Sewer Project	4/29/22 2:00 PM	✓	[MORE]
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Below the table, there is a 'Notify Me' section with the text 'Receive updates sent straight to your inbox.' and a blue 'Subscribe' button. A red arrow points from the 'Subscribe' button back to the 'Vendor Registration' item in the sidebar.

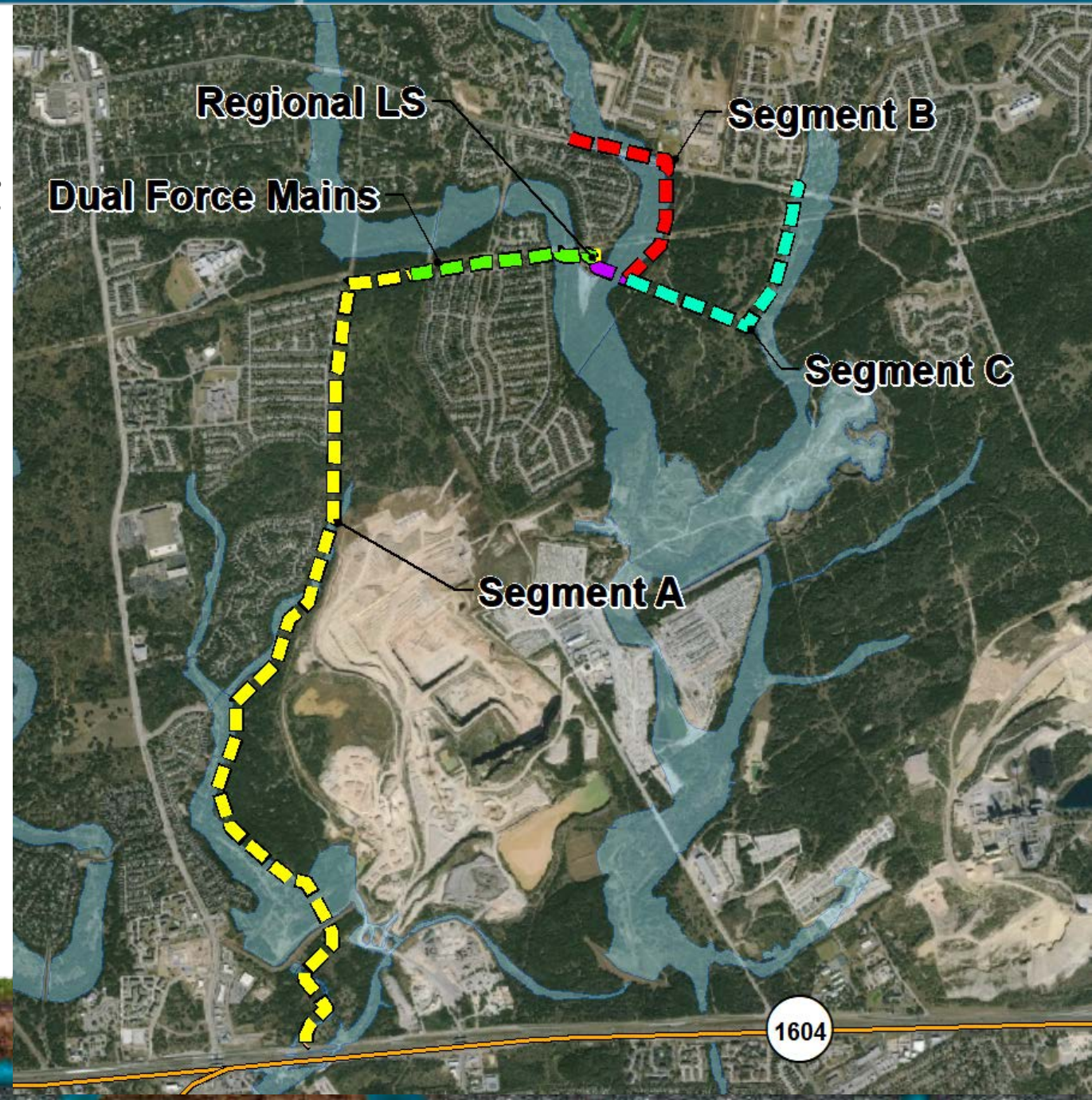
Additional Reminders

- Contractors should become familiar with the project and the scope to ensure they have the qualifications and experience to submit for these projects.
- Optional RFCSP proposal preparation training will be offered on April 12, 2022 at 2:00 p.m.
 - Contractors are not required to RSVP
 - Link to access the training:

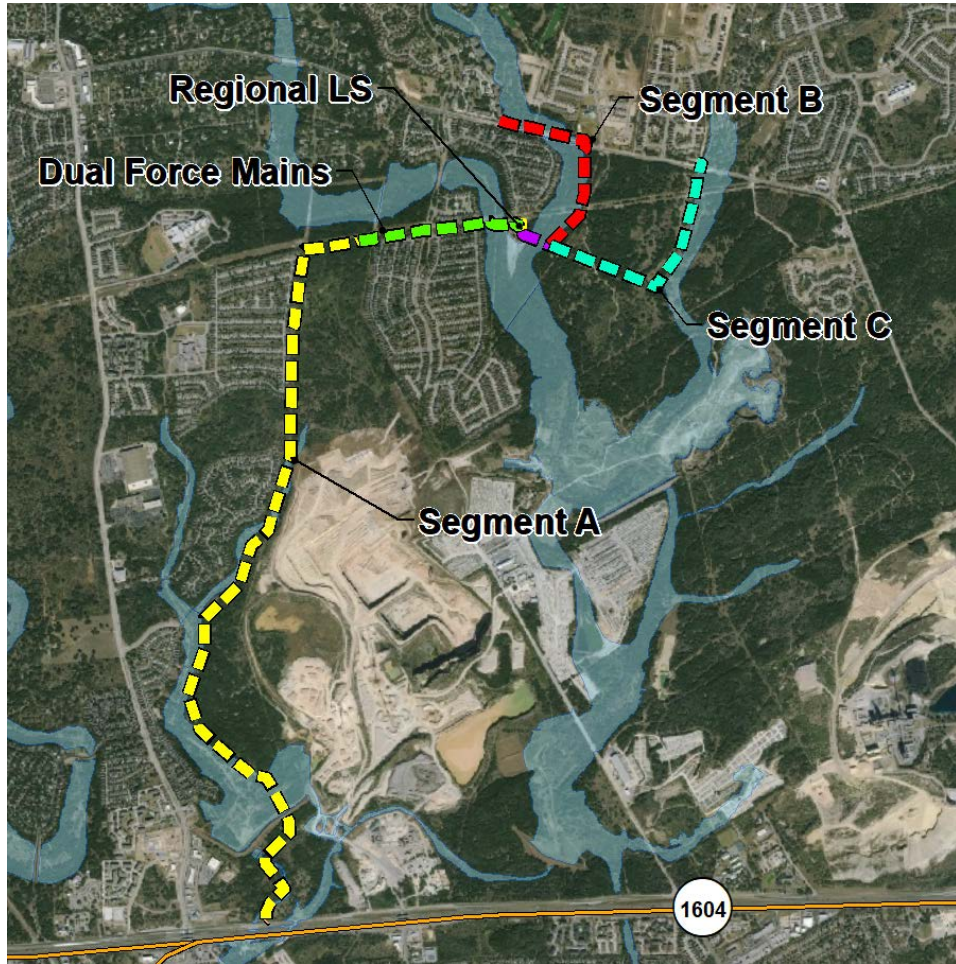
https://apps.saws.org/Business_Center/Contractsol/SNO_Drill.cfm?id=4075&View=Yes

Project Overview

- Two construction contracts:
 - Regional Lift Station
 - Sewer Main



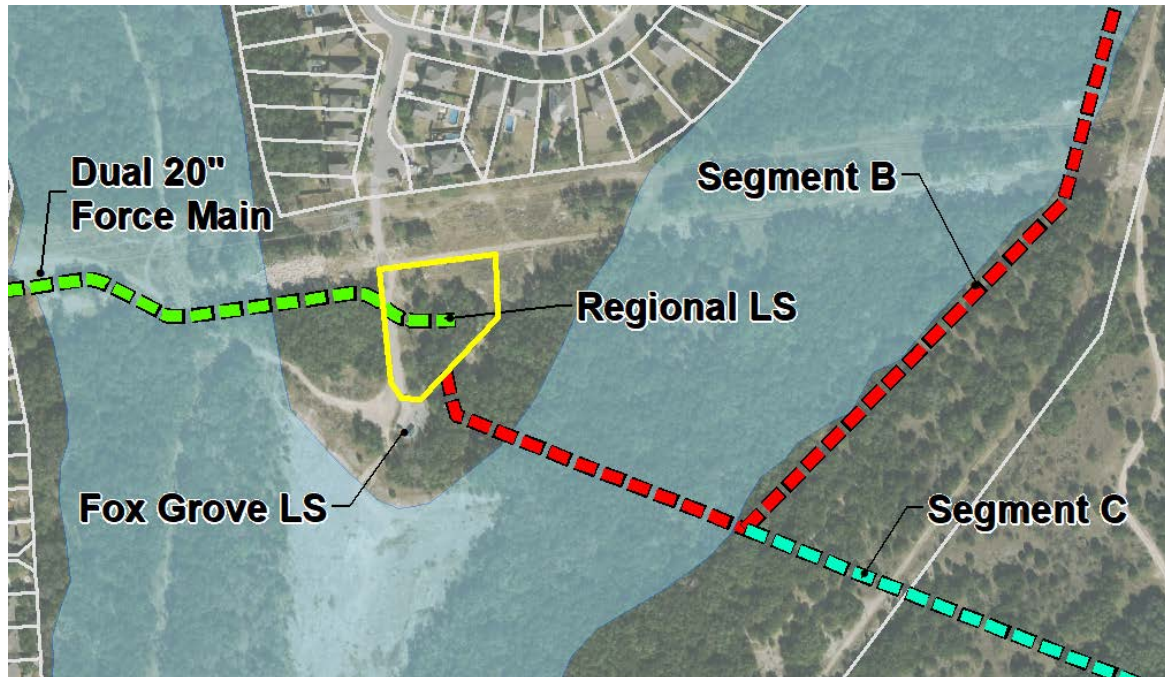
Regional Lift Station



- Eastern Sewershed, Evans Road to Loop 1604
- Regional Lift Station Contract
 - 6 MGD Quadplex system
 - Decommission three (3) existing SAWS Lift Stations

Regional Lift Station

6 MGD Quadplex



- 6 MGD Lift Station
 - 90 HP Submersible Pumps (4 ea)
- 35' x 35' Concrete Wet-well
 - Approx. 45' depth
- SCADA System
- Aeration System
- 14' x 36' electrical building with HVAC
- 12" Pump Discharge lines
- 20" Header that connects to dual 20" HDPE Force Mains

Regional Lift Station

Decommissioning of three (3) existing SAWS Lift Stations

Fox Grove LS

- Reroute of two (2) existing 8" mains to Regional LS
- Small Diameter Bypass pumping

Fossil Ridge LS

- Reroute of existing 24" main to Segment B
- Doghouse MH
- Large Diameter Bypass pumping

Fischer Tract LS

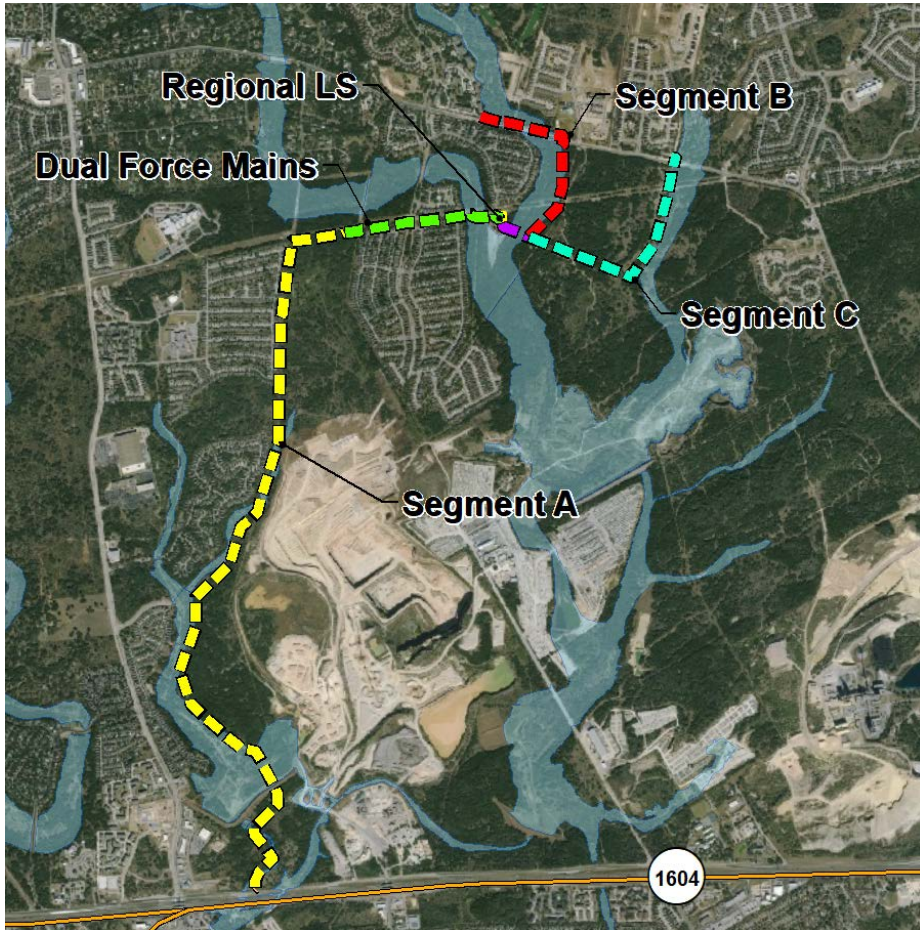
- Install new MH and connect to Segment C
- Small Diameter Bypass pumping

SAWS Existing Lift Stations



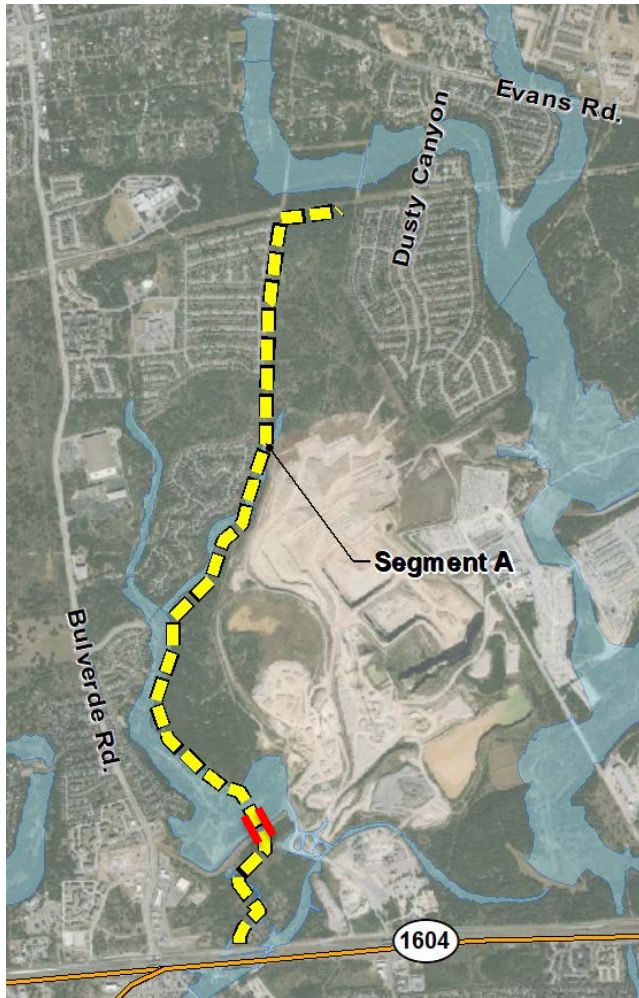
Sewer Main Project Overview

Force Main & Sanitary Sewer Gravity Main



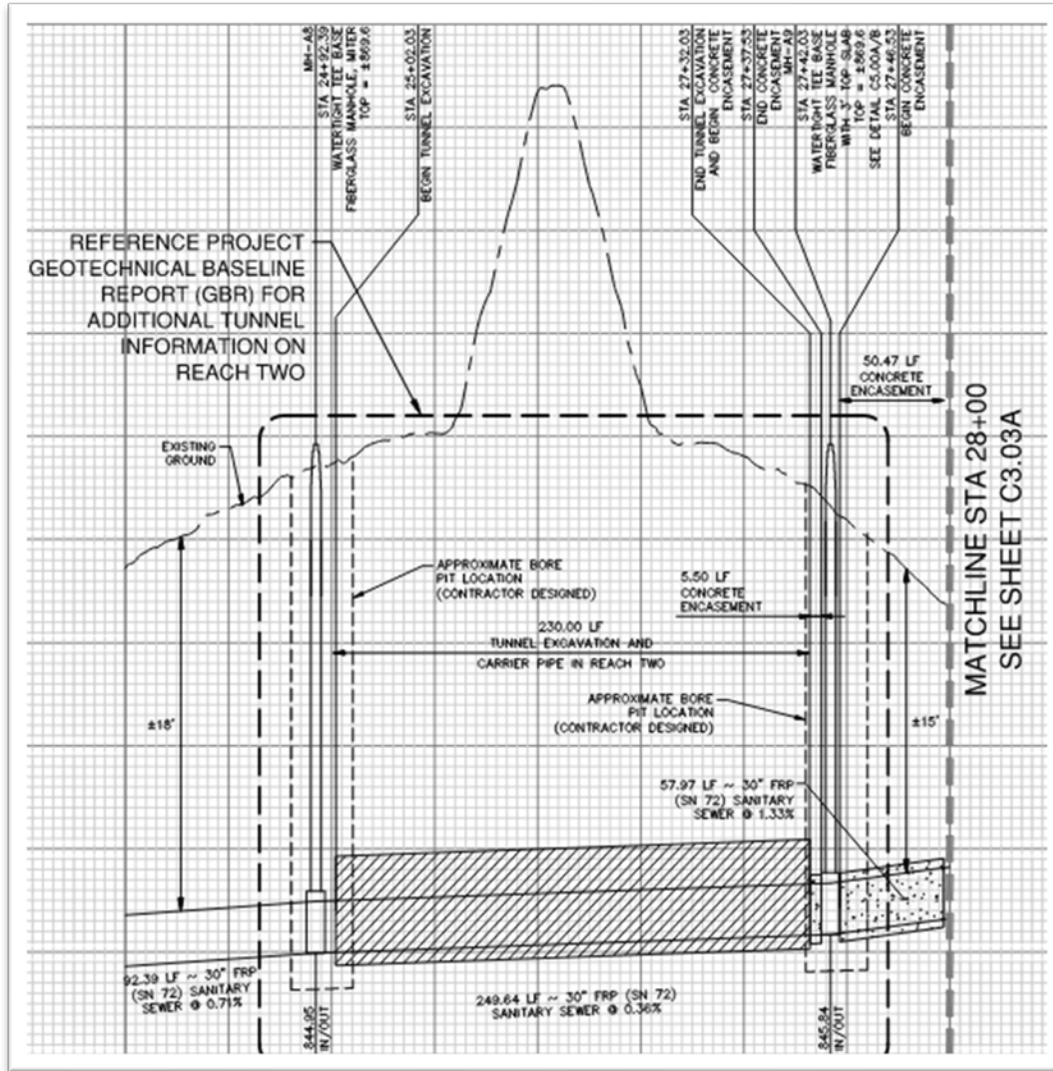
- Eastern Sewershed, Evans Road to Loop 1604
- Sewer Main Contract
 - 16,233 LF of 30" FRP – Segment A
 - 645 LF of 24" PVC – Segment B
 - 3,970 LF of 21" PVC – Segment B
 - 4,019 LF of 18" PVC – Segment C
 - 3,215 LF of dual 20" HDPE Force Mains (6,430 LF total)

Segment A



- 16,233 LF of 30" FRP
 - 230 LF – Reach 2 tunnel
 - 121 LF of trenchless installation
- Includes 27 Tee base manholes
- Easements:
 - 30' Permanent & 20' Temporary
 - 40' Permanent & 10' Temporary (Poerner Enterprises LTD)
- Downstream connection SAWS E-4 project
- Upstream connection to the Dual 20" Force Main

SARA Dam Crossing – Reach 2 Tunnel



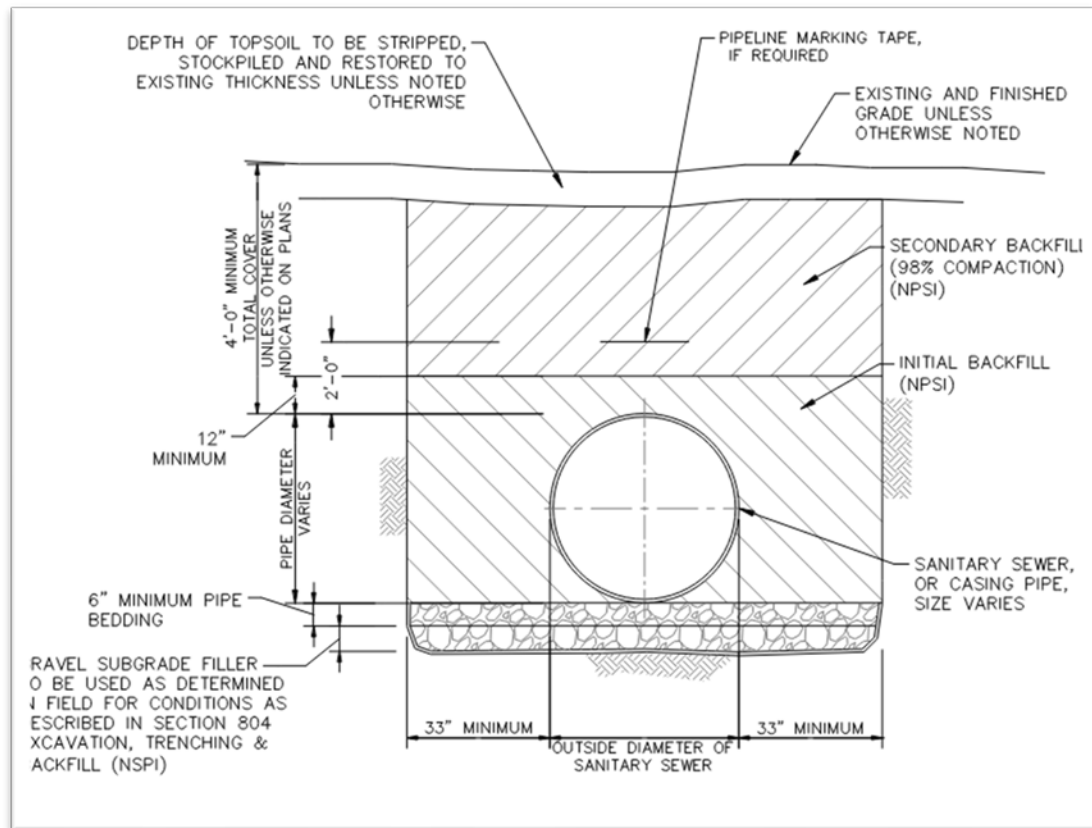
- 230 LF tunnel under Sara Dam
 - STA 25+02 to STA 27+32
 - 72-in diameter primary liner
 - 30-in carrier pipe
 - Annular grout

Segment A



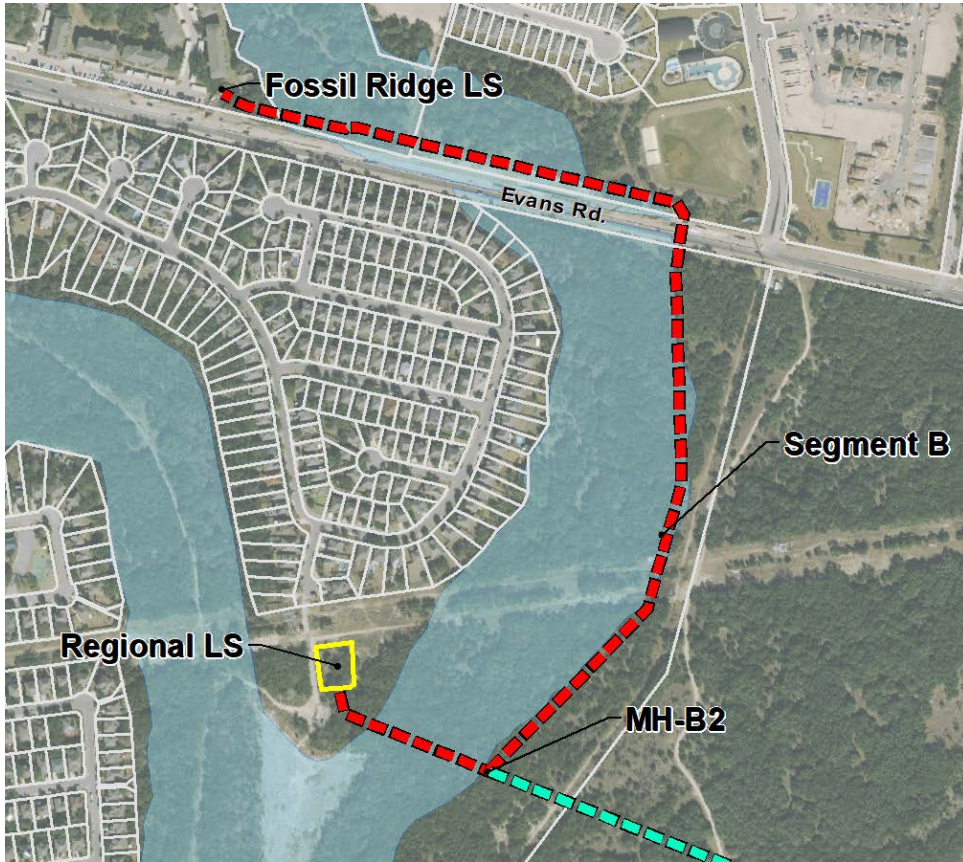
Trench Details

Segment A



- 30" FRP - Segment A
 - Minimum 96" width
 - Average depth 15-ft and up to 25-ft

Segment B - Fossil Ridge Gravity Main



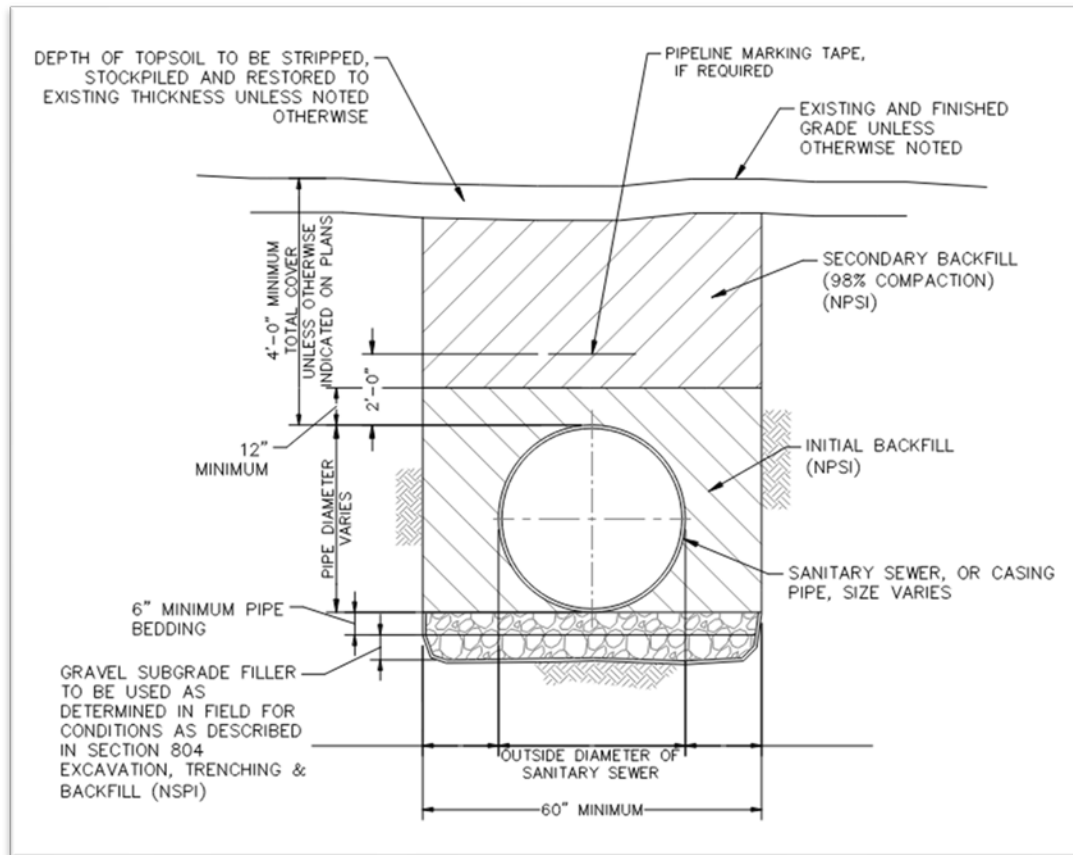
- 645 LF 24" PVC Sanitary Sewer Main
- 3,970 LF 21" PVC Sanitary Sewer Main
 - 222 LF trenchless installation
- 10 fiberglass MHs
- Easements:
 - 30' Permanent & 20' Temporary
- Intercepts Segment C at MH-B2
- Downstream connection at E-54 Regional LS
- Upstream connection near Fossil Ridge LS

Segment B



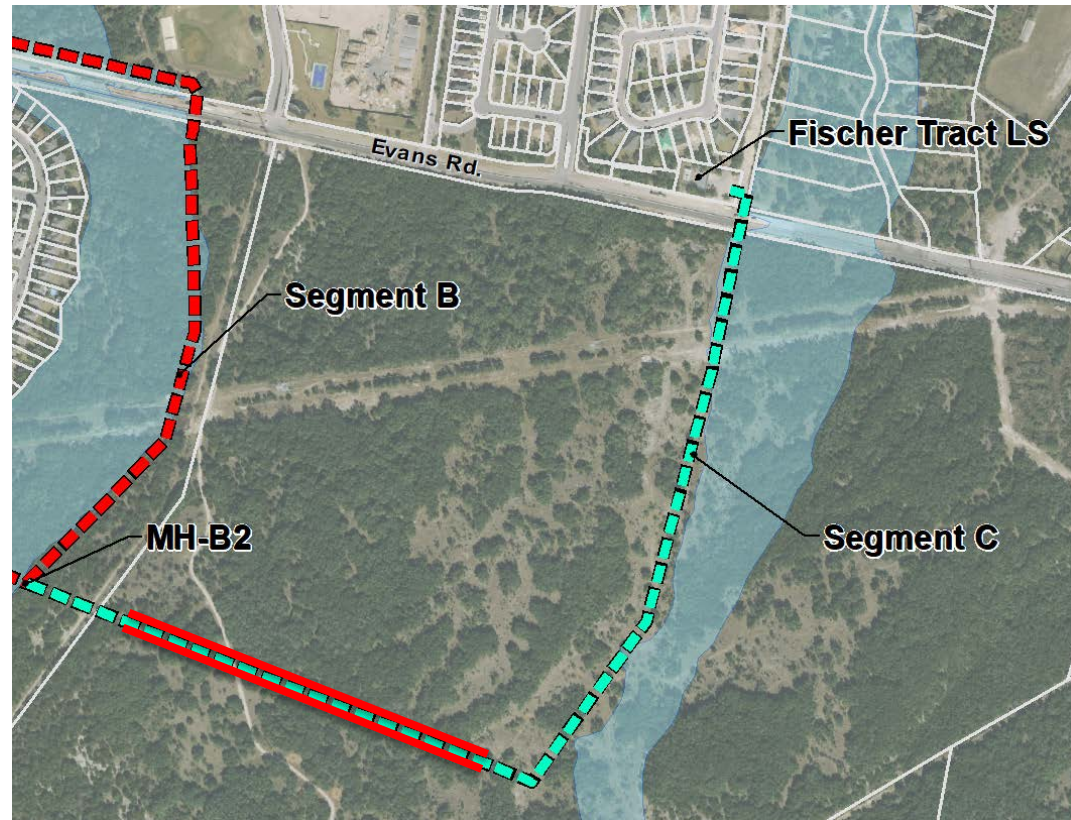
Trench Details

Segment B



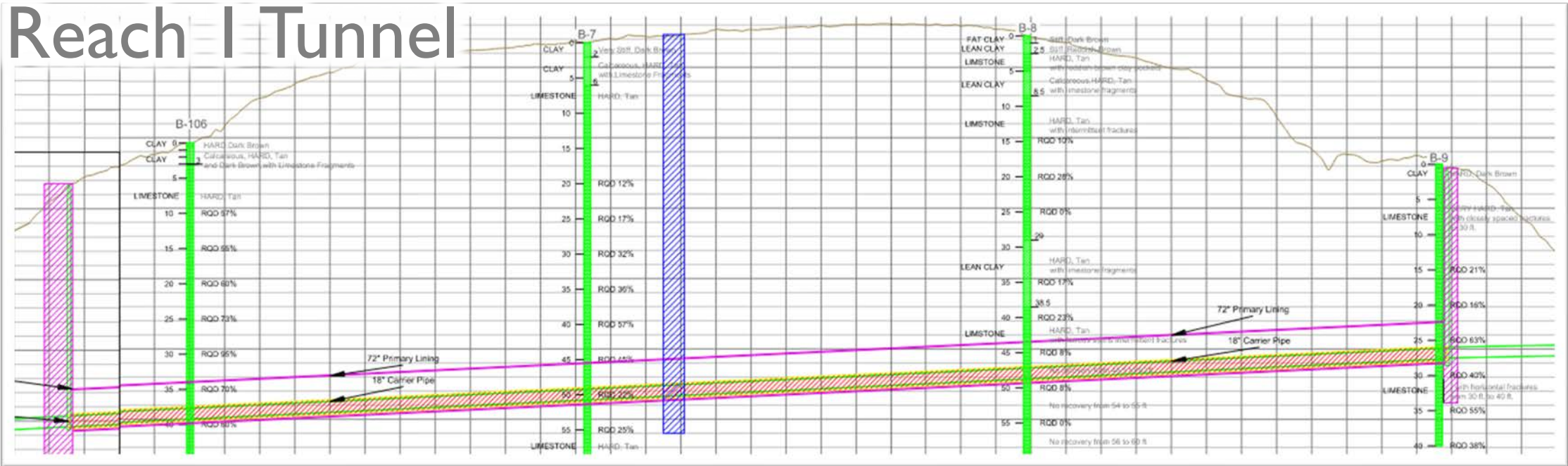
- 21" & 24" PVC Segment B
- Minimum 60" width
 - Average depth 12-ft and up to 24-ft

Segment C - Fischer Tract Gravity Main



- 4,019 LF 18” PVC Sanitary Sewer Main
 - 1,964 LF Tunnel – Reach I
 - 205 LF trenchless installation
- Easement:
 - 30’ Permanent & 20’ Temporary
- Downstream connection to Segment B
- Upstream connection at SAWS MH

Reach I Tunnel



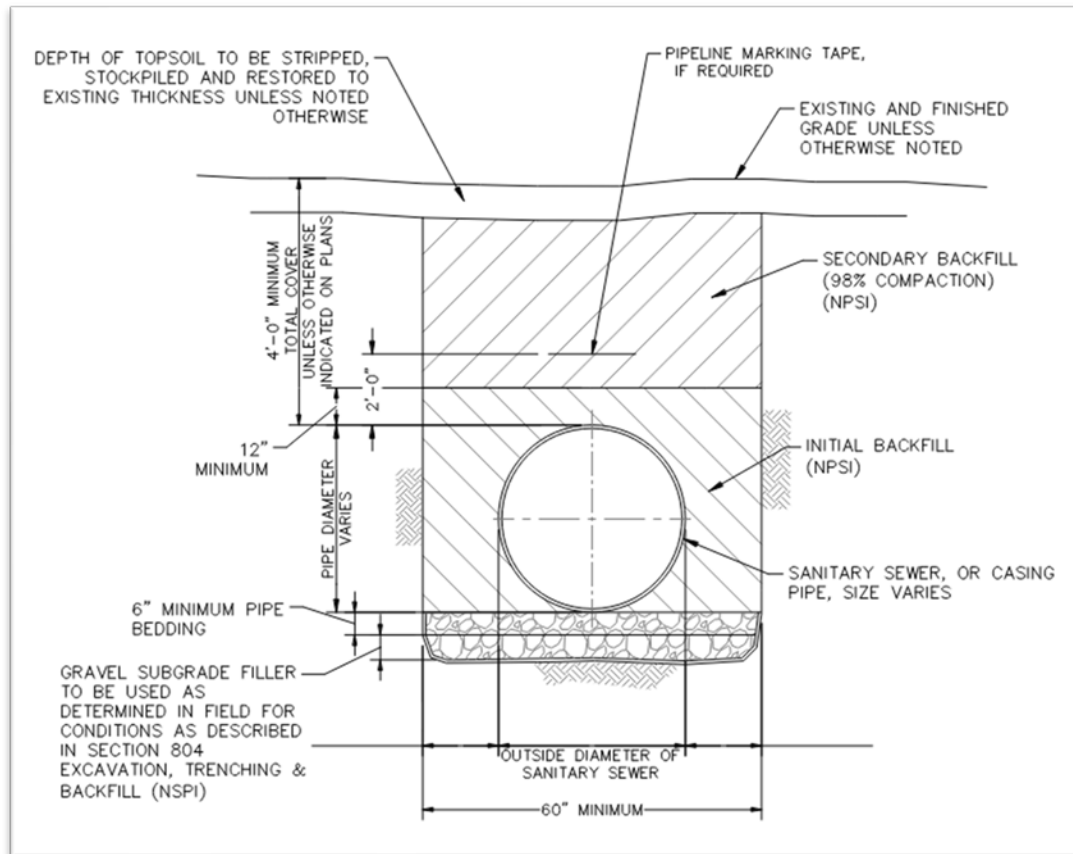
- 1,964 LF tunnel
 - STA 9+28 to STA 28+93
 - 72-in diameter primary liner
 - 18-in carrier pipe
 - Annular grout
- Intermediate shaft if warranted (not required) near STA 19+30

Segment C



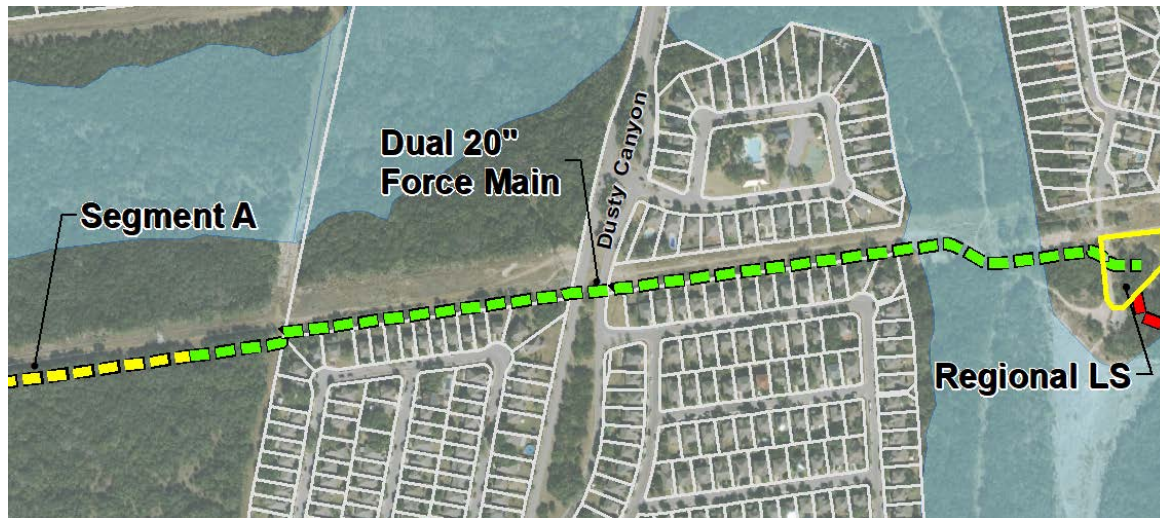
Trench Details

Segment C



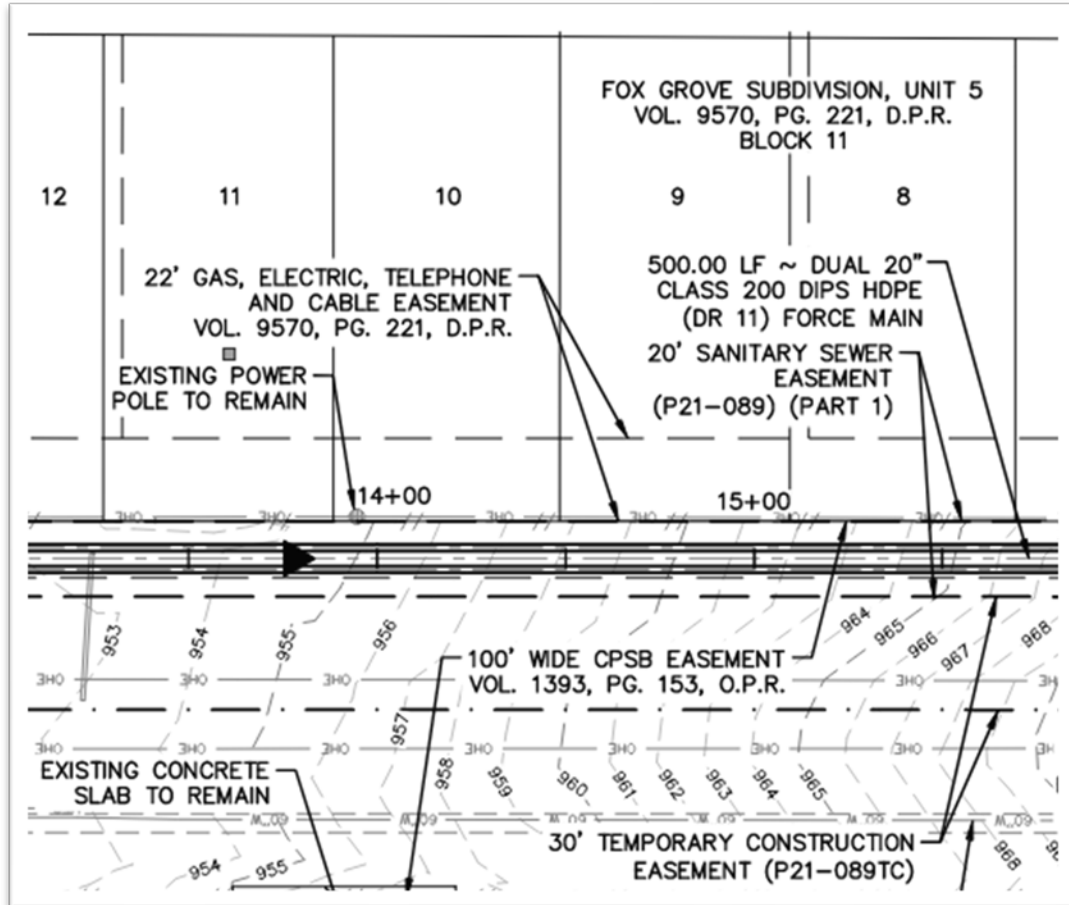
- 18" Segment C
 - Minimum 60" width
 - Average depth 17-ft and up to 35-ft

20" Dual HDPE Force Mains



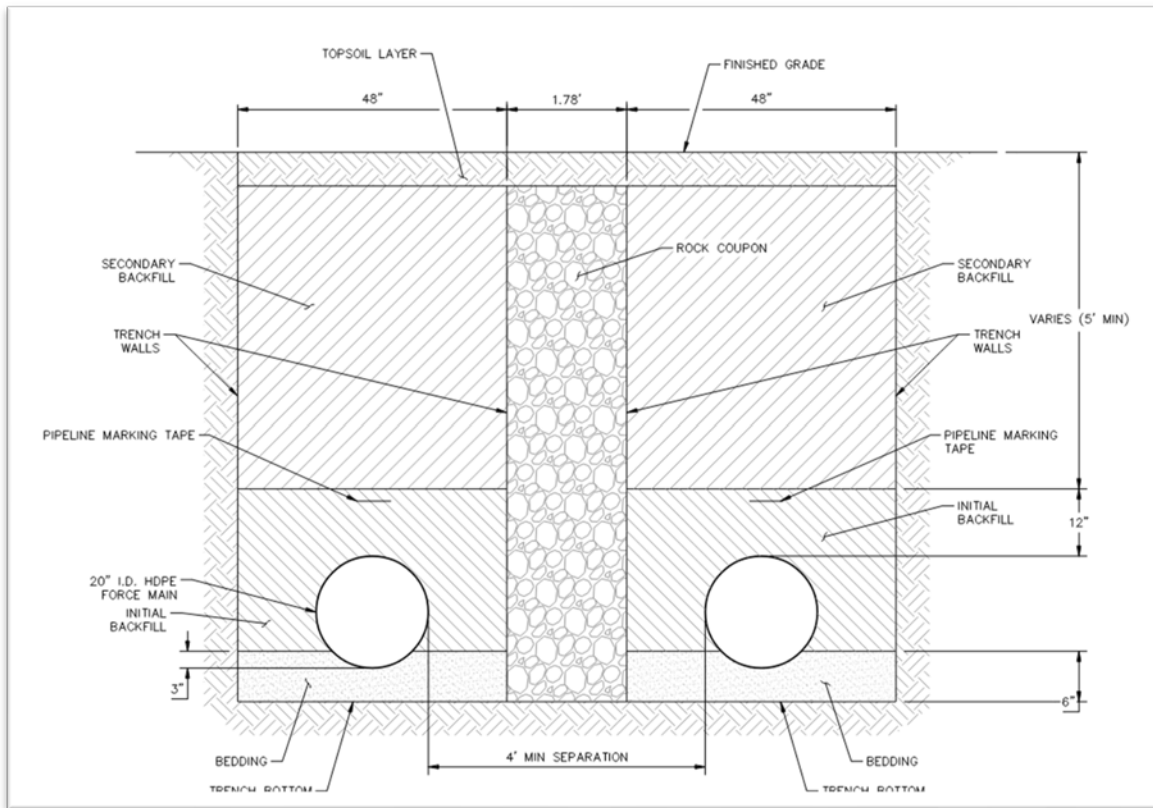
- 6,430 LF 20" HDPE Force Main (3,215 LF ea)
 - 505 LF trenchless installation
- Easement:
 - 20' Permanent
 - 30' Temporary
- Connection at Regional LS
- Discharge to proposed MH-FMI

Dual Force Mains



Trench Details

Dual Force Mains

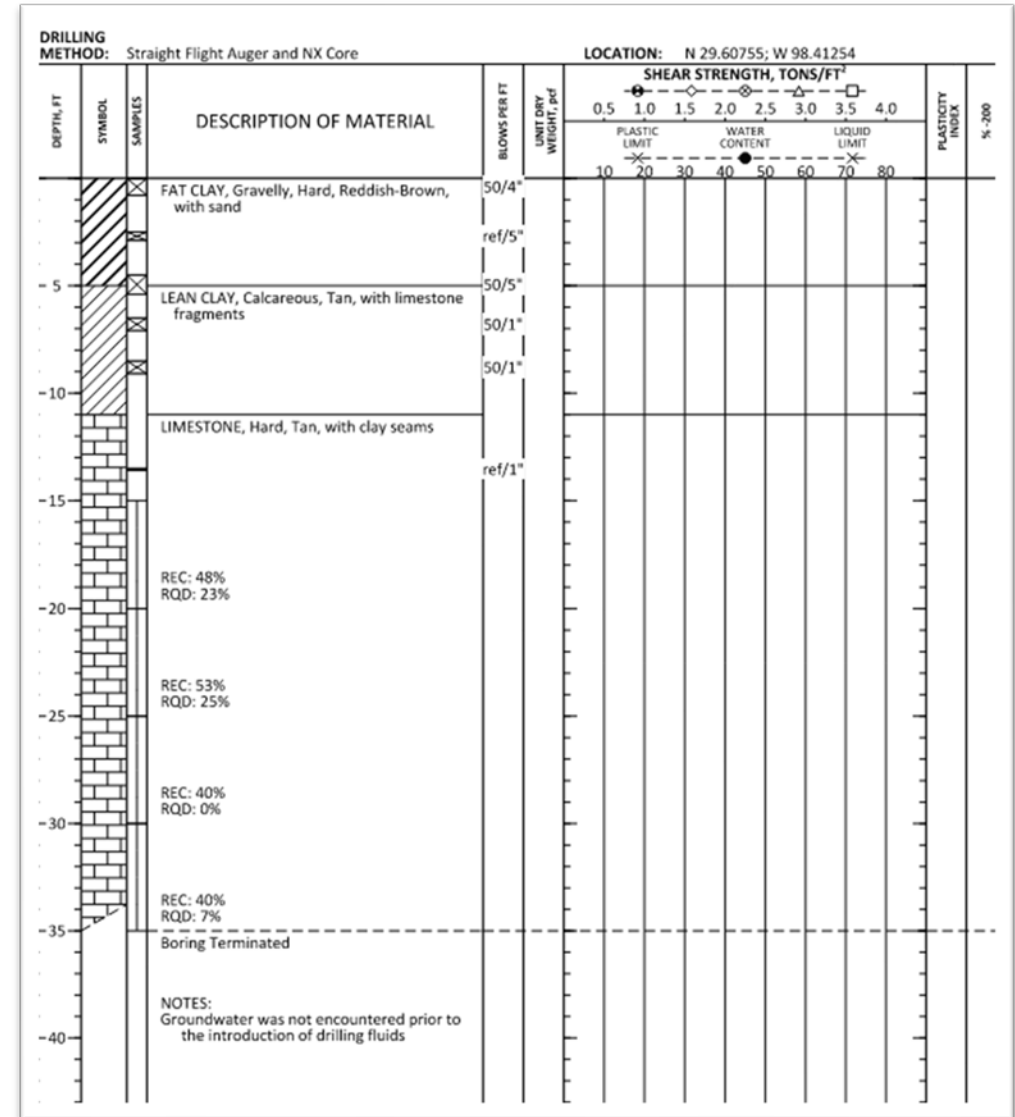


- 20" HDPE – Dual FM
 - Minimum 48" width
 - Average depth 10-ft and up to 22-ft

Geotechnical Information

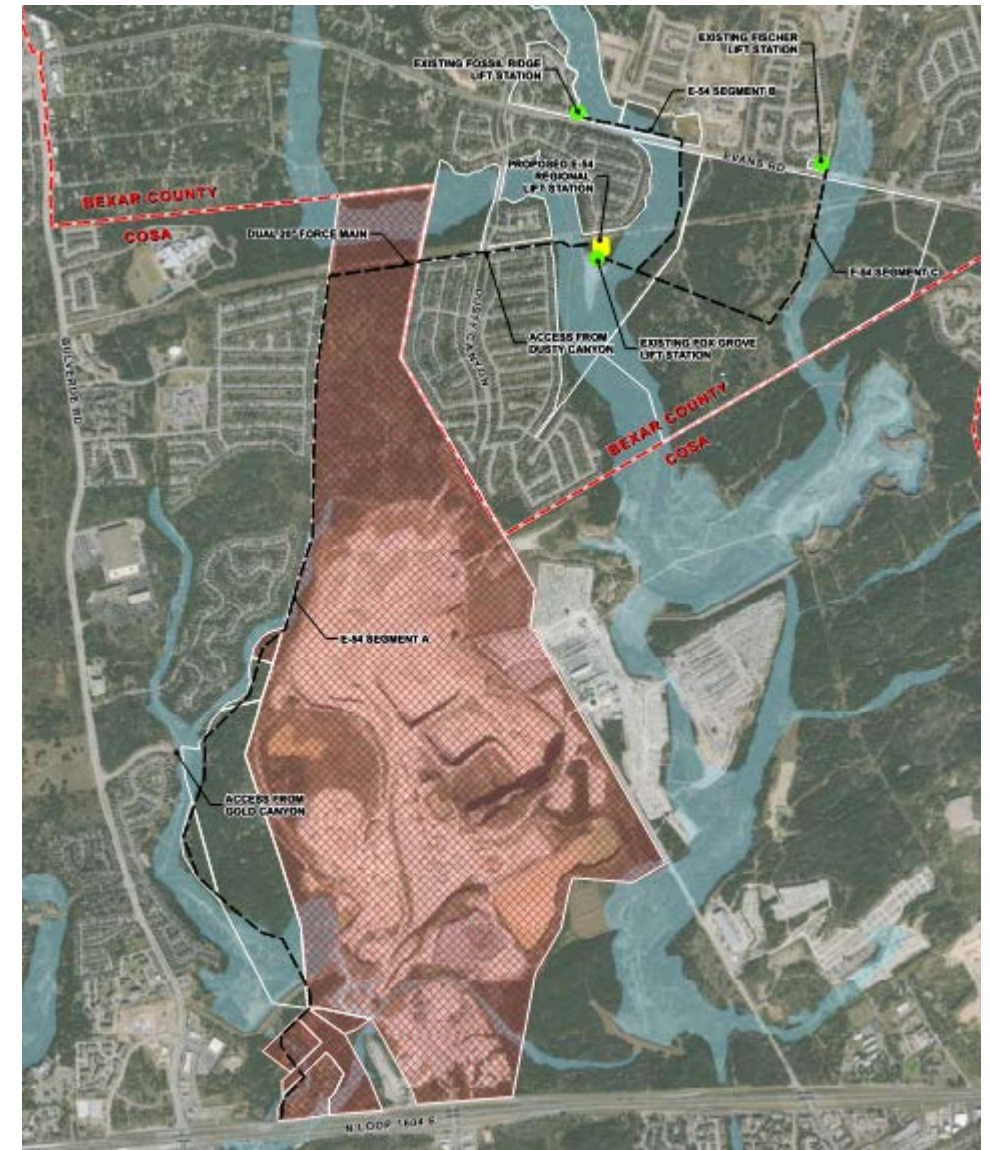
- Geotechnical Baseline Report (GBR)
 - Reach 1 and Reach 2

- Geotechnical Data Report (GDR)
 - Reach 1 and Reach 2
 - Total of 7 bores



Contractor Self-Guided Tour

- Currently no project access for areas in **RED**



QUESTIONS?

Questions, Comments and Feedback

- Submit comments and feedback to **Roxanne Lockhart**
- Deadline to submit is March 18, 2022 at 5:00 p.m.
- Must be submitted in writing via email or via fax to:

Roxanne.Lockhart@saws.org

Fax: (210) 233-4438

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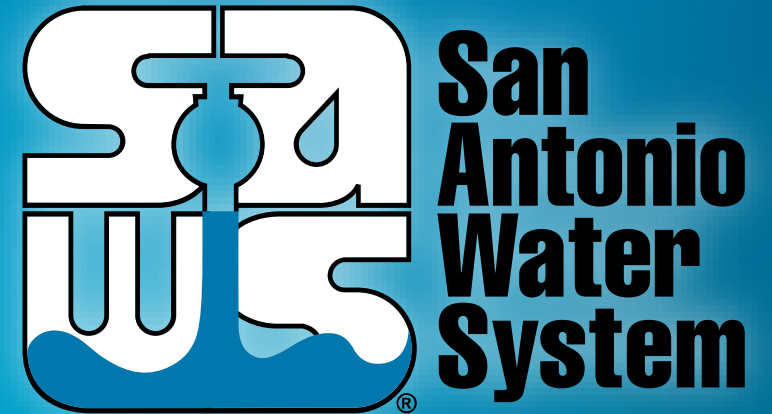
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