

Central Water Integration Pipeline Segment 5-1

Alissa Lockett, P.E.

SAWS Engineering Director

Gerardo Gomez, P.E.

SAWS Project Engineer

Mark Bush, P.E.

Tetra Tech Design Lead

Chris Breeds, P.E.

SubTerra - Tunnel Designer

Diana Woltersdorf

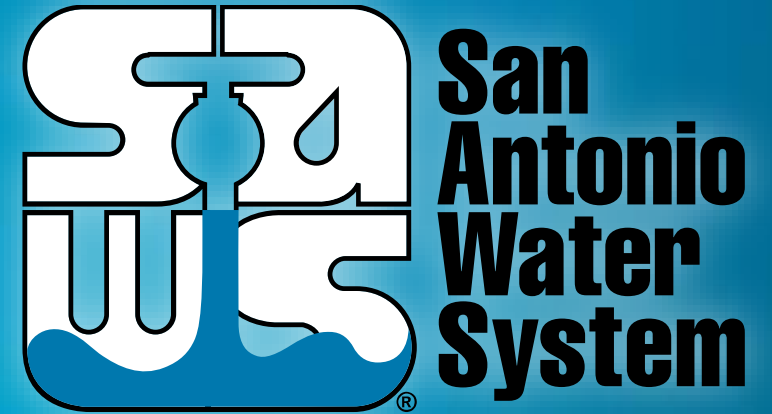
SAWS Contracting Manager

Jessica Goforth

SAWS Contract Administrator

Susan Rodriguez

SAWS SMWVB Program Specialist



Non-Mandatory Pre-Bid Meeting

August 2, 2018 at 9:00 AM

MAKING SAN ANTONIO
WATERFUL



Oral Statements

- Oral statements or discussion during the pre-bid meeting today will not be binding, nor will it change or affect the terms or conditions within the Plans and Specifications of these Projects. Changes, if any, will be addressed in writing only via an Addendum.

Sign-In Sheet

- This is a non-mandatory pre-bid meeting
- Attendees should provide contact information on the sign-in sheet
- The sign-in sheet and PowerPoint presentation will be posted to the SAWWS website

Agenda

- Contract Requirements and Required Experience
- Evaluation Process and Evaluation Criteria
- Small, Minority, Women and Veteran-Owned Business (SMWVVB) Requirements
- Proposal Packet Preparation and Reminders
- Key Dates
- Project Information
- Questions

Contract Requirements

- Certified payroll to be submitted on a weekly basis
- Wage decisions are included within the specifications
- Contractors to utilize LCP Tracker software
- Site visits are random and unannounced
- Contractors are responsible for sub-contractor payroll
- Late payrolls delay contractor payments from SAWWS

Contract Requirements *(cont.)*

- Insurance requirements are found in 5.7 of the GCs
 - Builder's Risk removed and installation floater coverage has been added in Supplemental Conditions
 - Respondent's insurance should be compliant for current SAWWS Projects
 - Selected contractor will submit certificate of insurance prior to Board award
 - Maintain insurance coverage during the construction of this Project
- Construction submittals and invoicing will be handled through CPMS
- Geotechnical report provided as part of the Specifications as Appendix (A-E) and are incorporated as part of this contract.

Required Experience

- Construction of large diameter (54-inch or $>$) finished water conveyance pipelines with installation at depths of 20 ft or $>$ via open cut and trenchless (jacking, boring, tunneling, or hand mining with liner plate) installation in rock.
- Experience working in areas with karst features.

Required Experience

- Installation of large diameter (54-inch or \geq) finished water conveyance pipelines at depths greater than 20 feet via open cut and trenchless methods; experience with trenchless construction with particular expertise with rock tunneling using a tunnel boring machine; coordination with multiple stakeholders; installation of large finished water pipelines in narrow corridors with potential conflicts with existing utilities (water, natural gas, electric, telephone, cable, etc.); complex sequencing of construction activities concurrently across multiple sites within the same project; on-time completion of time sensitive projects; and coordination with city/county/state agencies influencing the schedule of construction projects.

RFCSP Evaluation Process

- Technical Evaluation Committee (TEC) will score the proposals based on the evaluation criteria published in the Supplementary Instructions to Respondents to determine the Respondent who can provide the best value to SAWWS
- Price will be calculated and added to final scores
- SMWVB will be added to final scores
- Selection Evaluation Committee reviews final scores
- Negotiations, if any
- Board Award

Evaluation Criteria

CRITERIA	MAX POINTS	SIR PAGES
Team Qualifications and Similar Prior Experience	30	SIR-2 to SIR-5
Project Team Structure and Key Personnel	10	
Prime Contractor Qualifications, Experience, and Safety Record	10	
Key Subcontractors Qualifications, Experience, and Safety Record	10	
Project Approach, Schedule, and Resource Availability	30	SIR-5 to SIR-6
Project Approach and Quality Control	10	
Delivery Schedule	10	
Availability of Key Personnel and Equipment	10	

Evaluation Criteria

CRITERIA	MAX POINTS	SIR PAGES
Price	30	SIR-5 to SIR-6
Small, Minority, and Woman-Owned Business Participation (SMWB)	10	SIR-6 to SIR-9 and GFEP
TOTAL	100	

Evaluation Criteria Form

1. Team Qualifications and Similar Prior Experience

a. Project Team Structure and Key Personnel

i. Current business organizational structure, type of business structure, and stability of organization			
Organization Doing Business As			
Business Address of Principle Office			
Main Office Telephone Number			
Web Site Address			
Business Address of Regional Office (if different from Principle Office)			
Regional Office Telephone Number			
Business Structure (Check One)	<input type="checkbox"/> A Corporation	<input type="checkbox"/> A Partnership	<input type="checkbox"/> An Individual
If a Corporation			
Date of Incorporation			
State of Incorporation			
Chief Executive Officer's Name			
President's Name			
If a Partnership			
Date of Organization			
State whether partnership is general or limited			
If an Individual			
Name			
Business Address			
Stability of Organization			
Average number of current full time employees:		Annual revenue for previous year:	
ii. Number of years performing contracting / construction work:			
Under current business name:		Under previous business name(s):	
iii. Provide a brief description of the managerial structure for this project and illustrate with an organizational chart. Include the title and names of proposed key personnel. Include the organizational chart as an attachment.			

Evaluation Criteria

Team Qualifications and Similar Prior Experience (30 points)

- Project Team Structure and Key Personnel
 - Use Form provided in SIR to answer I. a. i.-iv.
 - Current business structure, type, and stability of organization
 - Financial statement within the last 12 months by a license Certified Public Accountant.

Evaluation Criteria

Team Qualifications and Similar Prior Experience (30 points) – *cont.*

- Prime Contractor Qualifications, Experience and Safety Record
 - Use Form provided in SIR to answer I. b. i.-iv.
 - Replicate attached form for each referenced project
 - Provide Organizational Chart
 - Experience for five (5) successfully completed projects of comparable size, scope, and complexity business name.
 - Projects to be within the past ten (10) years
 - List of all SAWS projects over the past ten (10) years and include role served by Key Personnel

Evaluation Criteria

Team Qualifications and Similar Prior Experience (30 points) – *cont.*

- Prime Contractor Qualifications, Experience and Safety Record – *cont.*
 - List and describe Key Personnel’s applicable experience for three (3) successfully completed projects
 - Projects to be within the past ten (10) years
 - Resumes, no more than 1-page per Key Personnel (Project Manager, Project Superintendent, Safety Coordinator, and Tunneling Superintendent or Foreman)
 - Safety Record
 - Total Recordable Incident Rate for each year for the past three (3) years
 - Experience Modification Rate for the past three (3) years
 - Any fatalities in the history of the Prime Contractor

Evaluation Criteria

Team Qualifications and Similar Prior Experience (30 points) – *cont.*

- Key Subcontractors Qualifications, Experience and Safety Record
 - Use Form provided in SIR to answer I. c. i.-iv.
 - Key subcontractors are defined as subcontractors that are responsible for executing a significant portion of the work
 - Could include prestressed concrete tank work, electrical work, bore and jack tunneling, hand mining, and large diameter open cut pipe installation (steel and RCP)

Evaluation Criteria

Team Qualifications and Similar Prior Experience (30 points) – *cont.*

- Key Subcontractors Qualifications, Experience and Safety Record – *cont.*
 - List and describe Subcontractor’s Key Personnel’s applicable experience for three (3) successfully completed projects
 - Projects to be within the past ten (10) years
 - Resumes, no more than 1-page per Key Personnel
 - Key Personnel include: Project Manager, Superintendent, and Foreman
 - Safety Record
 - Total Recordable Incident Rate for each year for the past three (3) years
 - Experience Modification Rate for the past three (3) years
 - Any fatalities in the company’s history

Evaluation Criteria

Project Approach, Schedule, and Resource Availability (30 points)

- Project Approach and Quality Control
 - Respondent narrative (not included in Evaluation Criteria form)
 - How project will be completed
 - Description of the approach for procuring long-lead items as well as for ensuring critical path items will be addressed adequately
 - Description of the approach
 - Procurement, refurbishing and delivery of the tunnel boring or rock boring machine(s)
 - Provide a description of how key stakeholders will be contacted and coordinated with throughout the project
 - Provide any innovative ideas for cost savings (due to method or duration)
 - List and describe any instances in which the Contractor encountered unforeseen conditions
 - Identify whether a recovery plan was required
 - Describe the nature of the issue and the approach
 - Provide a quality management plan

Evaluation Criteria

Project Approach, Schedule, and Resource Availability (30 points) – *cont.*

- Delivery Schedule
 - Respondent narrative (not included in Evaluation Criteria form)
 - Primavera or Microsoft project (CPM milestone) schedule
 - Assume Notice to Proceed date of September 18, 2018
 - Identify long lead items and critical path show drawing submittals
 - Provide details for the tunnel boring machine/rock boring machine procurement, refurbishment and delivery
- Availability of Key Personnel and Equipment
 - Describe availability of qualified personnel and equipment
 - Provide make, model, current status and location of tunnel boring machines to be used
 - Provide details on necessary refurbishment needs and anticipated schedule prior to shipment to the project sites

Evaluation Criteria

Price (30 points)

- Determine lowest total price and award 30 points for price
 - Proposals receive a percentage of the thirty (30) points based on a comparison with the lowest total price proposal
 - Calculate the ratio between the lowest total price and each proposal. Multiply the ratio by 30 to obtain the points earned.

SMWB Goal

Industry	SMWB Goal
Construction	20%

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**

Accepted SMWVB Certifications

- Minority Business Enterprise (MBE) (Includes AABE, ABE, HABE and NABE)
- Small Business Enterprise (SBE)
- Woman-owned Business Enterprise (WBE)
- Veteran-owned Business Enterprise (Tracked, but not eligible for points)

SMWB Scoring

Proposed SAWS Construction Alternative Delivery Method SMWB Scoring:

The maximum number of SMWB points to be earned is 10 points. Firms may use any combination of points below when attempting to meet the SMWB goals. Self-performance and subcontracting may be used to achieve the aspirational goals and earn points. SMWB prime contractors and/or subcontractors must be certified by the South Central Texas Regional Certification Agency, and must have a local presence in the San Antonio Metropolitan Statistical Area in order to be counted for SMWB points. All prime contractors firms, whether SMWB or not, are eligible to earn the maximum number of SMWB points (10).

1. M/WBE Scoring Method: 10 Points (By percentage) 20.00% M/WBE Goal

- MBE Participation Percentage between 1% and 4.99%: 1 Point
- MBE Participation Percentage between 5% and 9.99%: 2 Points
- MBE Participation Percentage between 10% and 14.99%: 4 Points
- MBE Participation Percentage between 15% and 16.99%: 5 Points
- MBE Participation Percentage between 17% and 19.99%: 8 Points
- MBE Participation Percentage meeting or exceeding 20.00%: 10 Points

2. SBE (Non-M/WBE) Scoring Method: 5 Points (By percentage) 5% SBE Goal

- SBE Participation Percentage between 1% and 1.99%: 1 Point
- SBE Participation Percentage between 2% and 2.99%: 2 Points
- SBE Participation Percentage between 3% and 3.99%: 3 Points
- SBE Participation Percentage between 4% and 4.99%: 4 Points
- SBE Participation Percentage meeting or exceeding 5.00%: 5 Points

Good Faith Effort Plan (GFEP) FAQs

- **Q: Is the 20% SMWB goal mandatory?**

A: No, but we ask prime consultants 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 subconsultants?**

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.

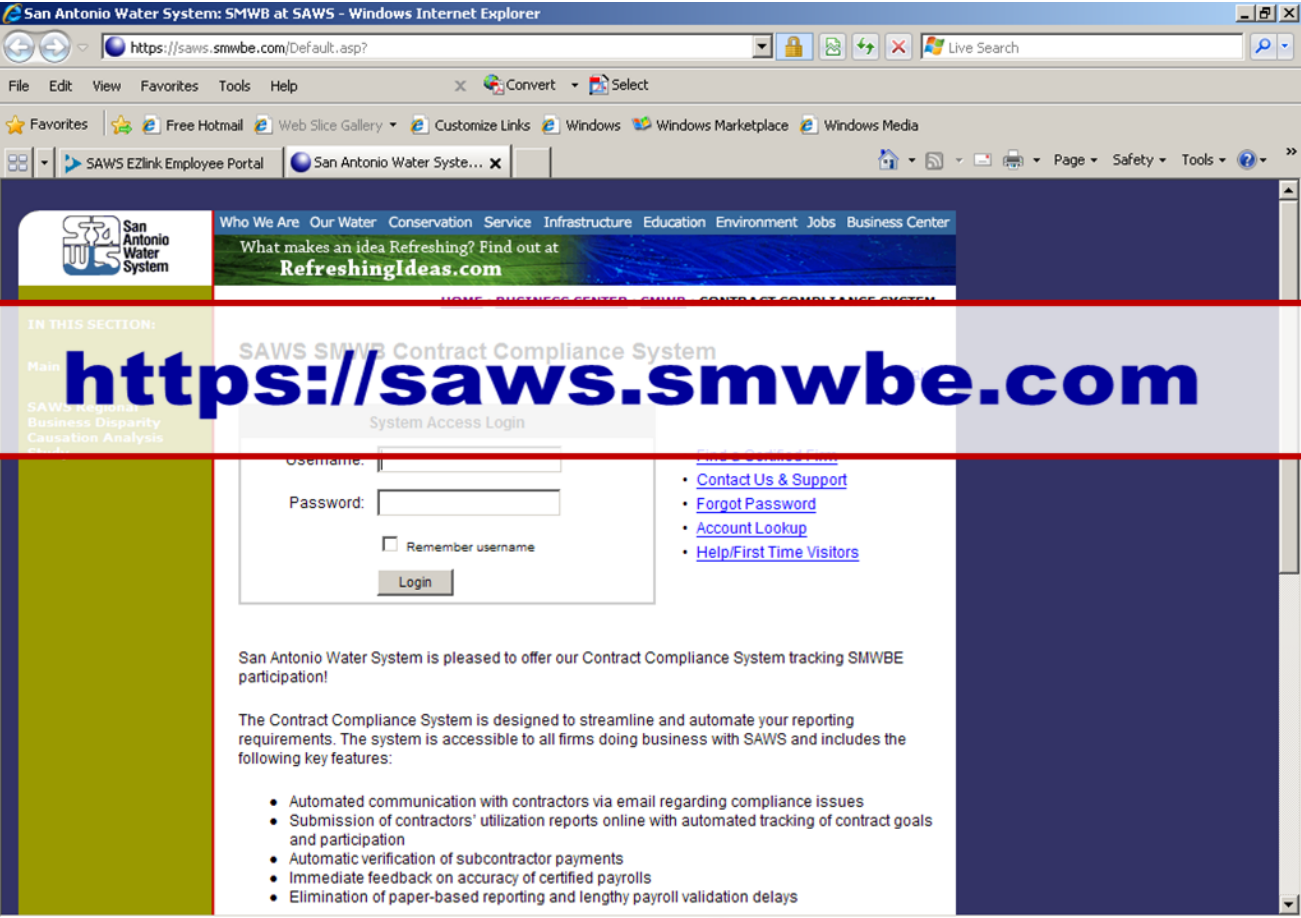
- **Q: What if my business is SMWB-certified? Do I need to find SMWB subs?**

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: What if I have questions about the GFEP?**

A: Please contact the SMWVB Program Specialist at 210-233-2950, or at susan.rodriquez@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 & Subcontractor Changes



Subcontractor Change Request

Any changes in subcontractors or suppliers requires prior approval from SAWS:

http://www.saws.org/business_center/contractsol/forms.cfm or

http://www.saws.org/business_center/contractsol/forms/SMWBChangeForm.pdf



Name of Contractor: _____
 Project Name & Number: _____
 Submits the following approval request of the following addition(s) and/or deletion(s) on the Affirmed List of Subcontractors, as originally submitted as part of the BID/PROPOSAL/CONTRACT.

CHANGES

ADD	DELETE	NAME OF SUBCONTRACTOR	SBE, MBE, VBE, WBE	DESCRIPTION OF WORK TO BE PERFORMED	PERCENT & DOLLAR AMOUNT OF CONTRACT
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>				

JUSTIFICATION

AFFIRMATION

THE ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF, I FUTHER UNDERSTAND AND AGREE THAT THIS DOCUMENT SHALL BE ATTACHED THERETO AND BECOME A BINDING PART OF THE CONTRACT.

Name & Title of Authorized Requestor: _____
 Signature of Authorized Requestor: _____ Date: _____

SMWVB PROGRAM MANAGER: _____ DATE APPROVED: _____
 CONTRACTING DIRECTOR: _____ DATE APPROVED: _____

Office Use Only: _____ S.P.U.R. System _____ CPMS _____ Project Hand File _____



Proposal Packet Preparation

- Utilize the Respondent's Proposal Checklist (issued via Addendum 7/20/18)
 - Original proposal (1) and CD or thumb drive, along with required information differs from copies (7)
- Thoroughly review plans and specs, as well as the Supplementary Instructions to Respondents (issued via Addendum with Evaluation Criteria forms 7/20/18)
- Ensure Respondent's projects and key personnel resumes clearly show similar experience as requested in this RFCSP
- Thoroughly review evaluation criteria and respond with all required information to maximize points
- Avoid "boilerplate" responses
- Verify contact information for all project references, if SAWS is not able to contact reference, points may be deducted or proposal deemed non-responsive

Proposal Packet Preparation *(cont.)*

- Ensure required documents are submitted and signed, (i.e. Respondent Questionnaire, CIQ, etc.)
- Entire proposal should create a clear picture of Project Team experience and capabilities (Org chart, projects, and resumes for Key Personnel from Primes and Subs)
- Double check extensions for both proposals
 - Acknowledge Addendums on Proposal Signature Page
- Responses are limited to 50 pages
 - Dividers tabs and required forms do not count towards limit except for the forms provided as part of the SIR.

Reminders

- Ask clarification questions re: project, RFCSP and evaluation criteria ahead of the deadline to ensure they are captured in an Addendum
- Register through the SAWWS website to ensure access to the most current information (addendums, supplemental information, etc.)
 - Check website once more before submitting proposal

Reminders

- There should not be any communication with the following:
 - ✓ Design Engineer (Tetra Tech)
 - ✓ SAWS Project Manager or Project Engineer
 - ✓ Any other SAWS staff (besides SMWVB related questions to SMWVB Program Specialist)
 - ✓ City Council member or staff
 - ✓ SAWS Board of Trustees
- This includes phone calls, emails, letters, or any direct or indirect discussion of the RFCSP
- Release of RFCSP - Board Award
- If under contract with SAWS for another project, indicate this to SAWS staff that your company intends to submit for this RFCSP and do not discuss

Key Dates

- August 2, 2018 by 2:00-4:00 PM **2nd and Final Rock Core Specimen viewing
Located at 142 Chula Vista, San Antonio, TX**
- August 3, 2018 by 10:00 AM **Questions Due**
- August 7, 2018 by 10:00 AM **Addendum Posted to SAWS Website**
- August 13, 2018 by 2:00 PM **Proposals Due**
- August 2018 **Proposals Evaluated**
- August 2018 **Selected Contractor Notified**
- September 11, 2018 **SAWS Board Approval and Award**
- September 18, 2018 **Anticipated Start Date/NTP Issued**

Submission Due Date

- Proposals due no later than:
 - **2:00 PM CDT Monday, August 13, 2018**
- Follow specific delivery instructions:
 - Deliver to 2800 U.S. Highway 281 North, Suite 171, Customer Service Building, Counter Services (across from the guard station)
 - Make arrangements early, if mailing a response to this RFCSP
 - Late responses will not be accepted and will be returned unopened

SMWVB Questions

Questions related to SMWVB may be directed to SAWS' SMWVB Program Specialist until the RFCSP deadline. Her contact information is as follows:

Susan Rodriguez

Contract Administration Department

San Antonio Water System

Email Address: Susan.Rodriguez@saws.org

Telephone No.: 210-233-2950

Project Questions

- Should be submitted no later than August 3, 2018 at 10:00 AM CDT
- Must be submitted in writing:

Jessica Goforth

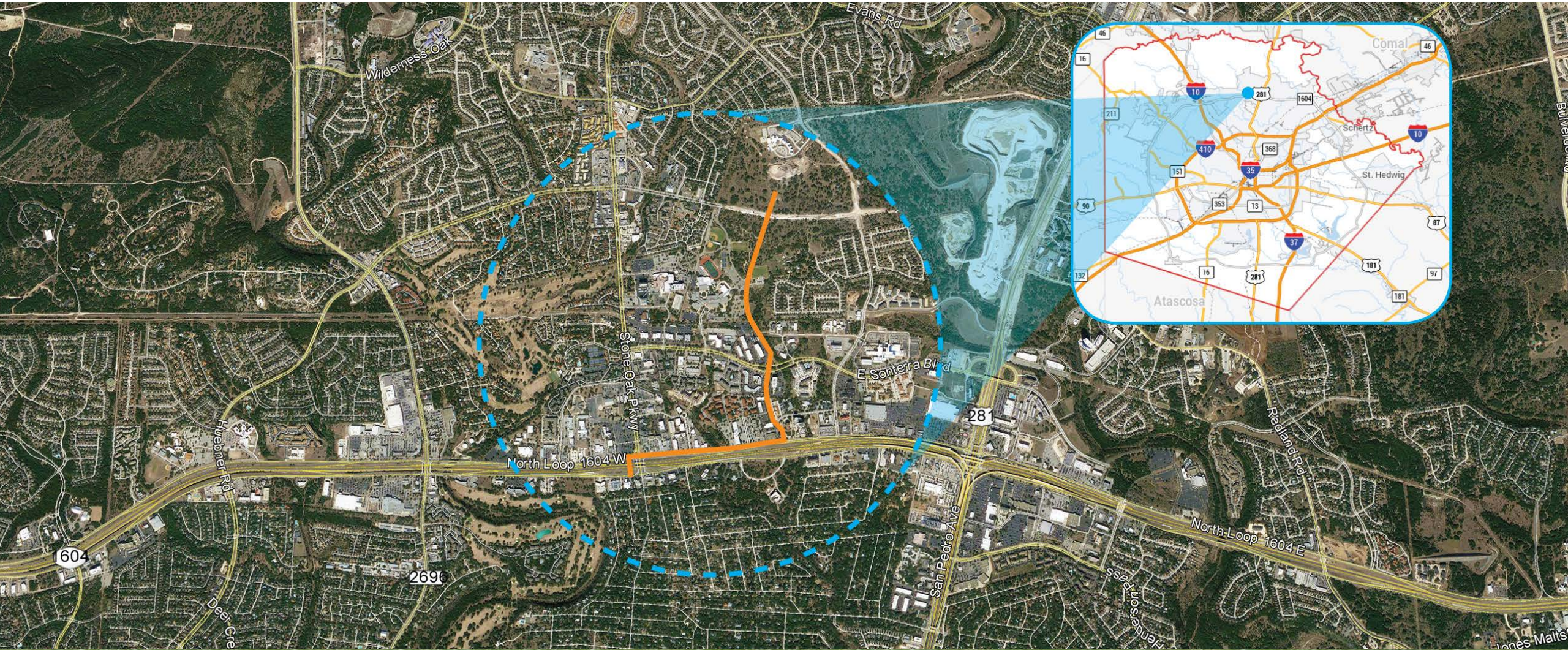
Contract Administrator

Contract Administration Department

San Antonio Water System

Jessica.Goforth@saws.org

Project Location



Central Water Integration Pipeline Segment 5-1

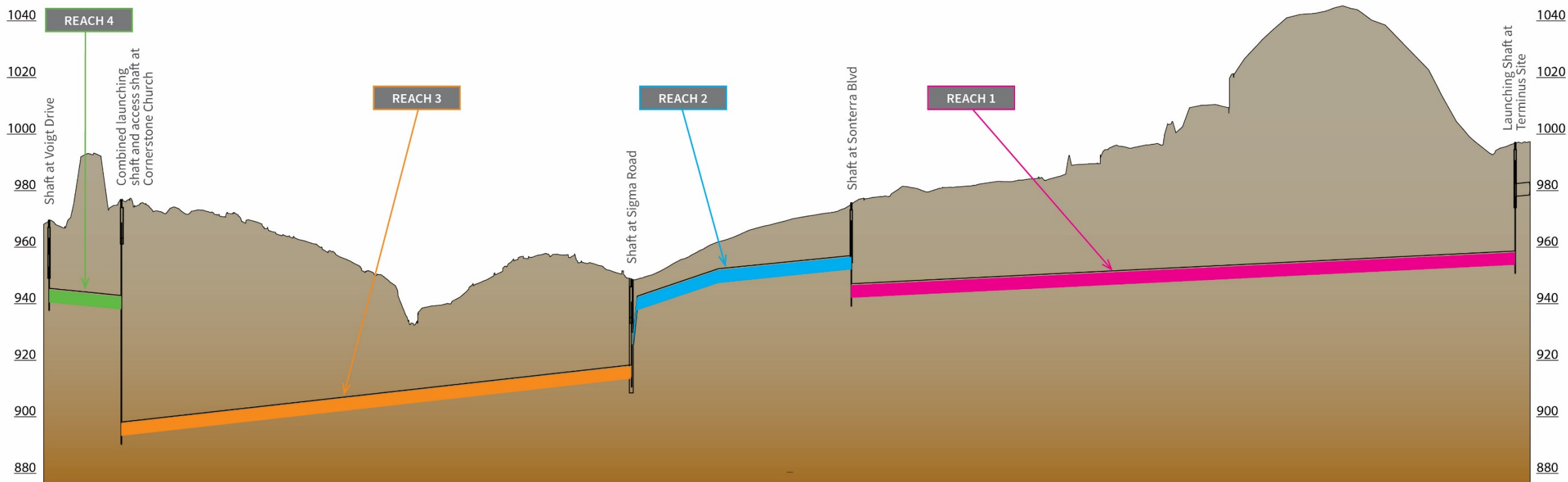
Segment 5-1 Alignment



Central Water Integration Pipeline Segment 5-1

Segment 5-1 Profile

Profile Reach 1, 2, 3, 4



Key Items

1. Reports

- a) Geotechnical Baseline Report
- b) Geotechnical Data Report
- c) Karst Feature Report

2. TCEQ & Edwards Aquifer Recharge Zone

3. Work Hours – 5.18 *Supplementary Conditions*

- Terminus (Reach 1): 24 hrs/day, 7 days/week
- Sigma Rd (Reach 2): Mon-Sat 7 a.m. to 7 p.m.
- Cornerstone Church (Reaches 3 & 4): Mon-Fri 24 hrs/day, On Sat and Sun – reduced working area – access for work trucks, no deliveries



Key Items

4. Voigt Connection – *5.18 Supplementary Conditions*

- a) Connection must be made between Friday night to Monday morning
- b) Provide 3 week notice
- c) Connection must be made between January and February 2019

5. Coordination with other Contractors

- a) Terminus Site
 - a) Project Company (Garney)
 - b) Terminus Ground Storage Tank (DN Tanks)
 - c) Terminus Treatment Facility (Contractor TBD)
 - d) Segment 5-2 Pipeline (Contractor TBD)
- b) Segment 5-3 Pipeline (Contractor TBD)



Key Items

6. Southern Edwards Plateau Habitat Conservation Plan -*Special Conditions*

- a) Karst/cave features
- b) Void mitigation - Section 01510

7. Temporary Power - *Electrical Sheets E-3101 and E-3102*

- a) Terminus Site
- b) Cornerstone Church

8. Work Sequence – *Summary of Work Section 01010*

- a) Concurrent work is anticipated

9. Traffic Control on Sigma and I604 Frontage – see drawings



Key Items

9. Preparing Right of Way- *Special Provisions*

a) Locations

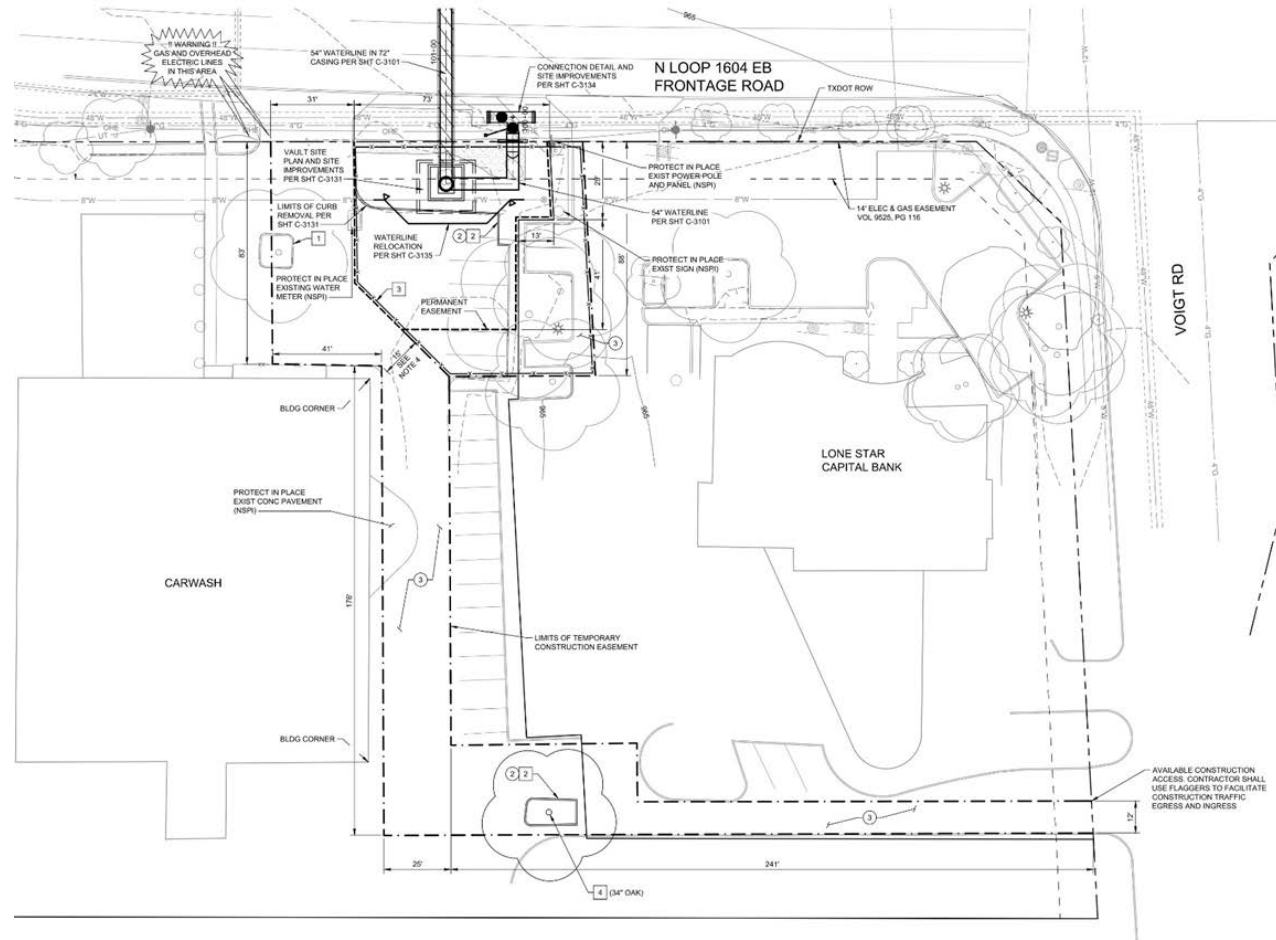
- i. Voigt
- ii. Cornerstone Church
- iii. Sigma Rd Shaft
- iv. Sonterra Shaft
- v. Terminus Site

b) Special Requirements

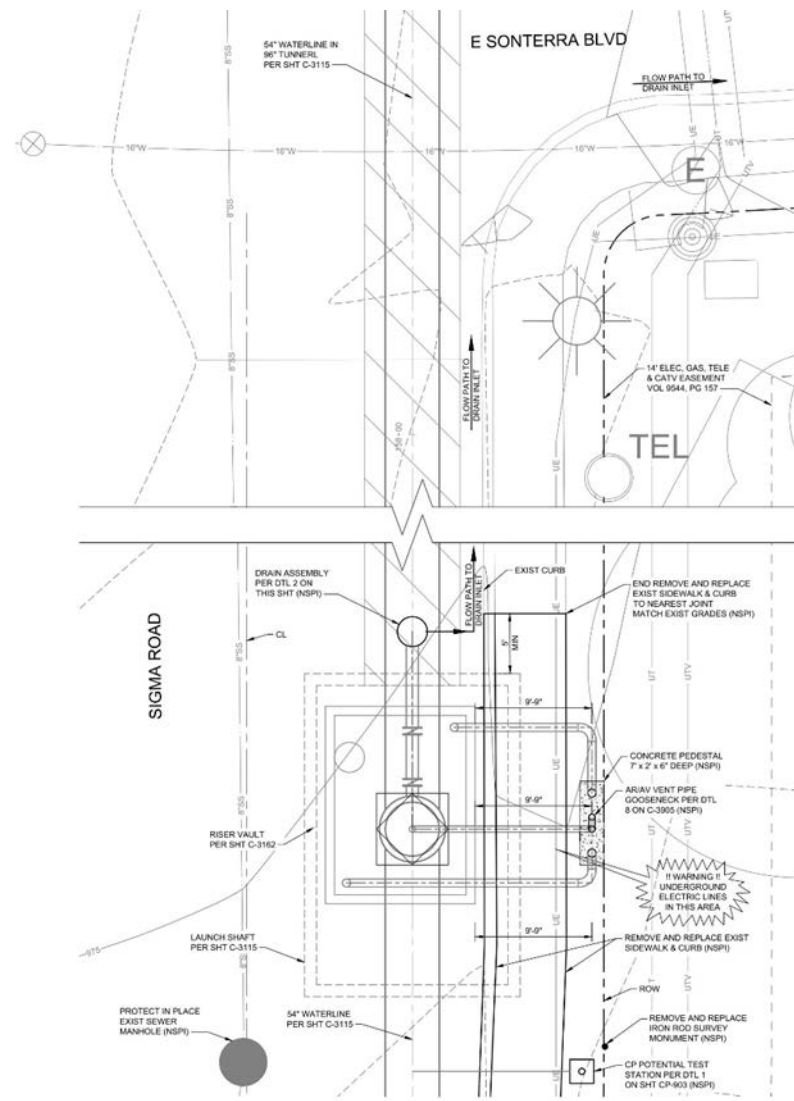
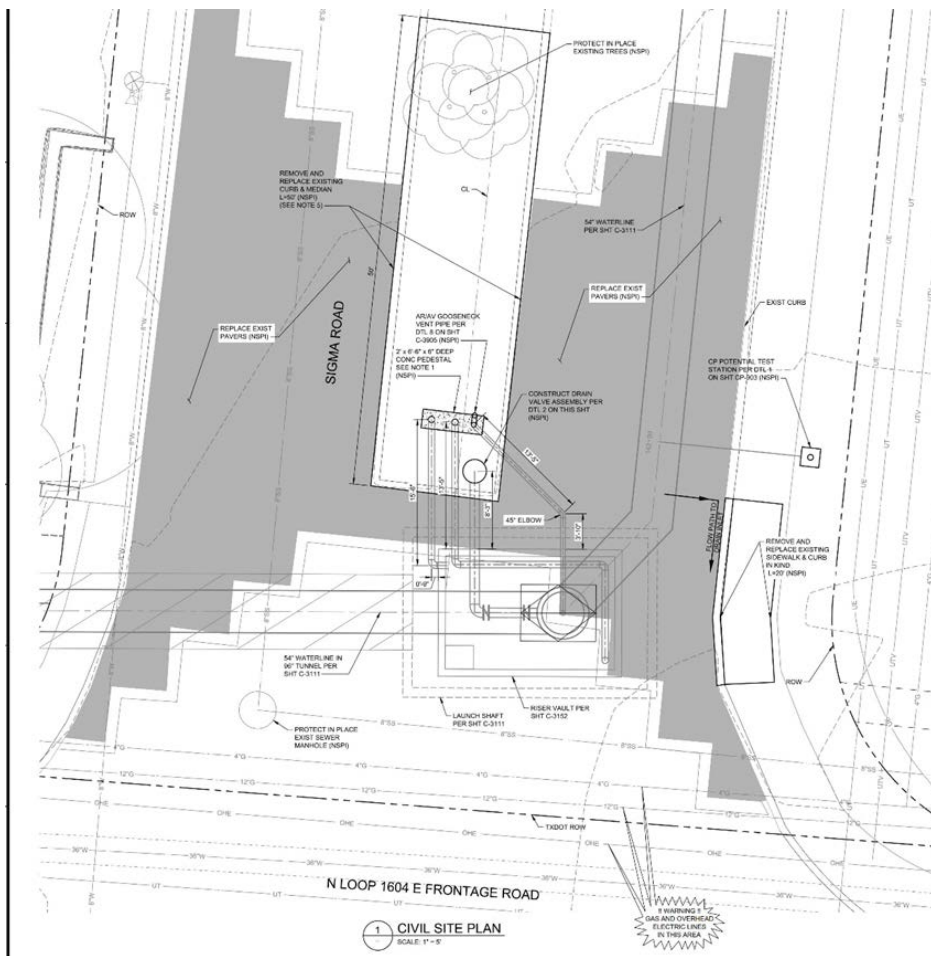
- i. Noise
- ii. Temporary chain link fencing with privacy mesh
- iii. Street sweeping
- iv. Traffic control and signage
- v. 24 hrs/day, 7 days/week presence at the site
- vi. Light control – Military Lighting Overlay Districts



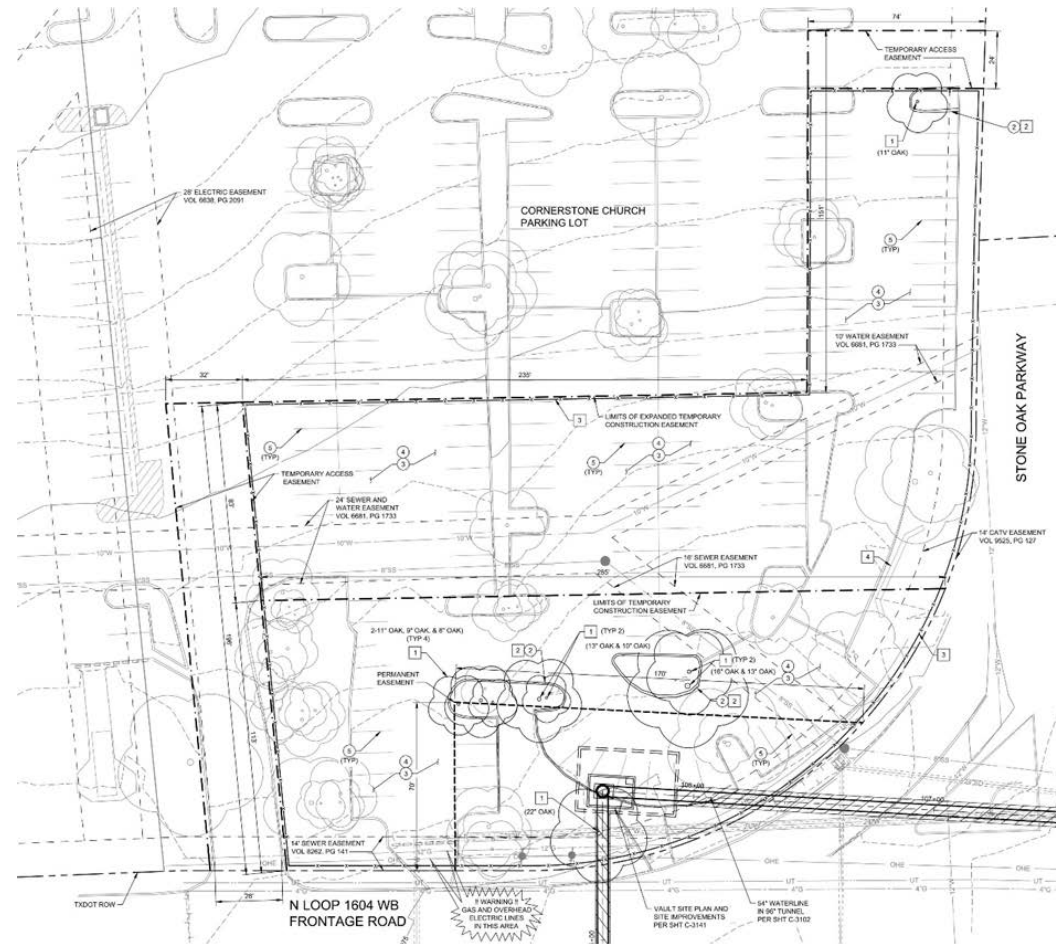
Voigt Connection



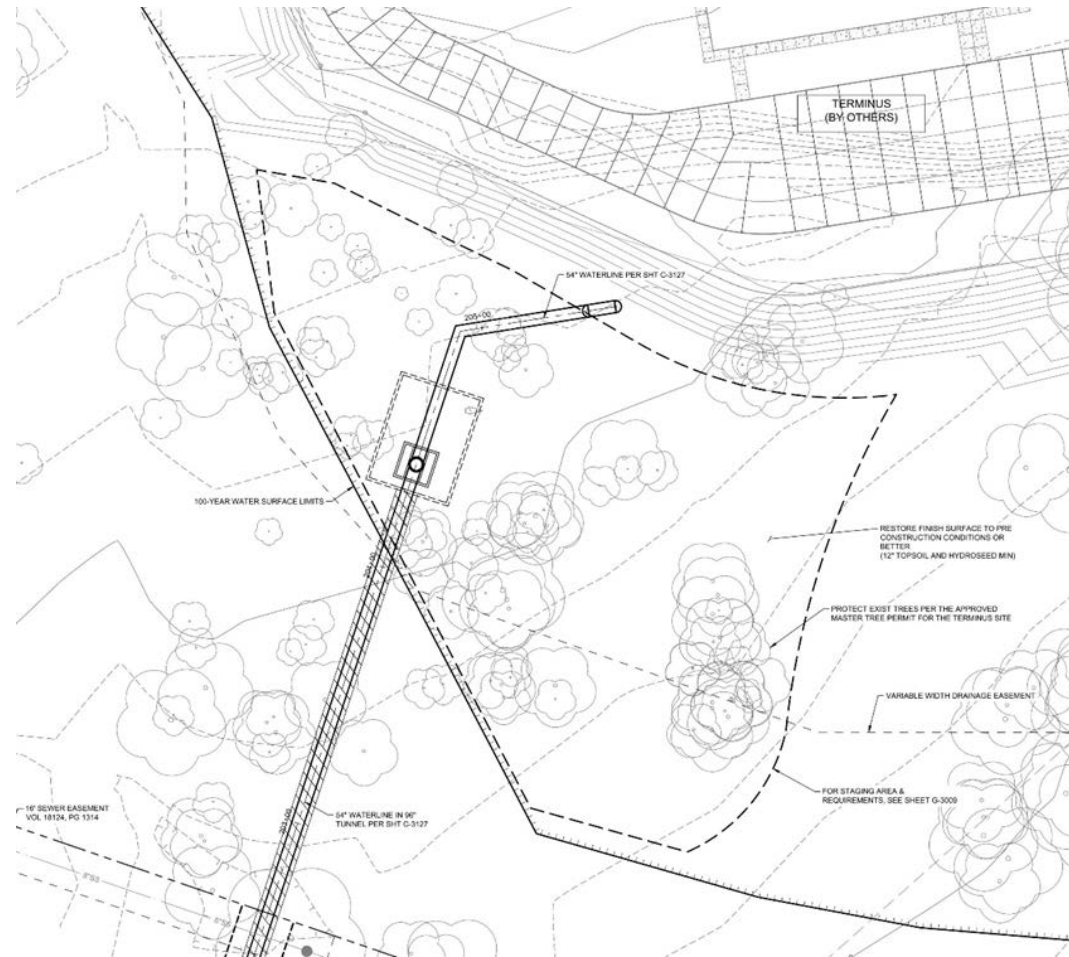
Sigma and Sonterra Shafts



Cornerstone Church (Reaches 3 and 4)



Terminus Shaft (Reach I)



Key Items

10. Milestone Dates – Supplementary Conditions Article VIII & IX

a) Intermediate Milestones

- a) Intermediate Milestone 1 – Terminus Site to Sonterra Blvd, Reach 1 – Installation of the first 100 feet of 54” carrier pipe completed by August 1, 2019.
- b) Intermediate Milestone 2 – Cornerstone to Sigma Road, Reach 3 – Installation of the first 100 feet of 54” carrier pipe completed by August 15, 2019.

b) Substantial Completion – December 31, 2019 – Pipeline successfully passed pressure test, disinfected and can convey up to 48.6 MGD

c) Final Completion – April 20, 2020

Key Items

II. Liquidate Damages – Supplementary Conditions Article VIII

- a) \$10,000 per calendar day for delays achieving Substantial Completion up to April 15, 2020
- b) \$40,000 per calendar day for delays achieving Substantial Completion after April 15, 2020
- c) Upon achieving Substantial Completion - \$5000 per calendar day for delays past the contract performance period.
- d) Maximum liquidated damages: \$4M

Key Items

12. Incentives – Supplementary Conditions Article VIII

- a) \$40,000 per calendar day for achieving Substantial Completion prior to December 31, 2019
- b) Early completion bonus maximum - \$2.4M

Any Questions of Items Discussed Up to This Point?

- Remember: Submit Questions in Writing

Central Water Integration Pipeline Segment 5-1

Alissa Lockett, P.E.

SAWS Engineering Director

Gerardo Gomez, P.E.

SAWS Project Engineer

Mark Bush, P.E.

Tetra Tech Design Lead

Chris Breeds, P.E.

SubTerra - Tunnel Designer

Diana Woltersdorf

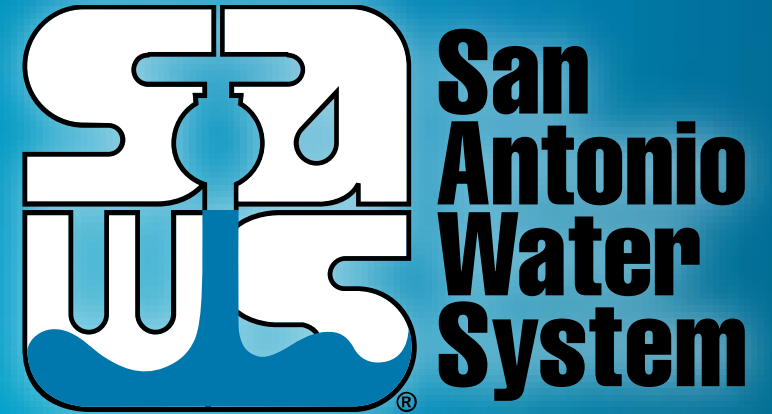
SAWS Contracting Manager

Jessica Goforth

SAWS Contract Administrator

Susan Rodriguez

SAWS SMWVB Program Specialist



Non-Mandatory Pre-Bid Meeting

August 2, 2018 at 9:00 AM

MAKING SAN ANTONIO
WATERFUL

