

Boerne Stage Road Water Main Replacement Project

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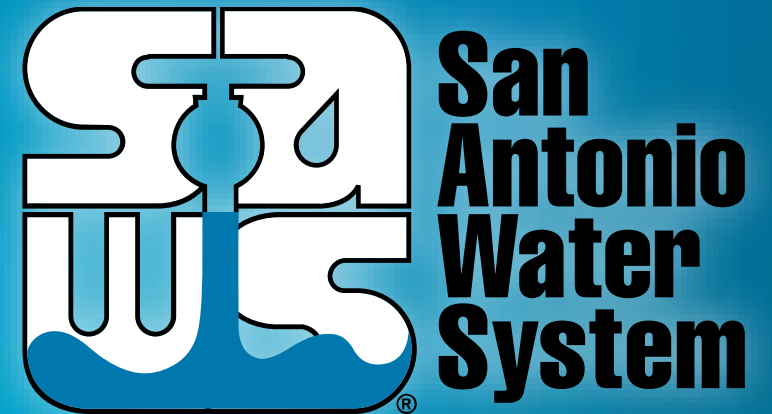
Contract Administrator, SAWS

Marisol V. Robles

SMWVB Program Manager, SAWS

Christopher Boentges, P.E.

Project Engineer of Record, K Friese + Associates



Non-Mandatory Pre-Bid Meeting

September 18, 2018

MAKING SAN ANTONIO
WATERFUL



Meeting Agenda

- Project Overview
- Oral Statements
- Miscellaneous Items
- Contract Requirements
- Required Experience
- SMWB
- Bid Packet Preparation
- Additional Reminders
- Communication
- Key Dates
- Additional Project Information
- Special Provisions
- Special Specifications
- Supplemental Conditions
- Special Conditions
- Coordination with Stakeholders and Property Owners

Oral Statements

Oral statements or discussion during the pre-bid meeting will not be binding, nor will it change or affect the terms or conditions within the Plans and Specifications for this Project. Changes, if any, will be addressed only via an Addendum.

Project Overview

- Purpose of the project is to replace an existing 24-inch high pressure PVC water main along a 2,500-foot stretch of Boerne Stage Road.
- Four main breaks have occurred since December 2015.
- Proposed water main shall be 24-inch Ductile Iron pipe (CL 250).
- Existing water main shall be grouted in place.
- High pressure CPS gas main runs parallel to the proposed water main.

Pre-Bid Meeting

- Non-mandatory pre-bid meeting
- Attendees should sign-in and sign-in sheet will be posted on SAWS website
- Key project information:
 - Construction duration is 240 calendar days
 - Construction estimate is \$2,003,231.53
 - Construction services being procured through IFB
 - Geotechnical Data Report with boring logs is available on SAWS website for this project upon completing of a disclaimer form

Contract Requirements (Continued)

- Prevailing Wage Rate and Labor Standards – Section 2.10 of the General Conditions
 - Certified payroll to be submitted on weekly basis
 - Wage decisions are included within the specifications
 - Contractors to utilize LCP Tracker
 - Site visits are random and unannounced
 - Interviews will be conducted and will be private & confidential
 - Payroll records are subject to review
 - All apprenticeship programs will need to be approved by Department of Labor prior to starting
 - Contractors are responsible for sub-contractor payroll
 - Late payrolls delay contractor payments from SAWWS

Contract Requirements

- Insurance requirements are found in Section 5.7 of the GCs
 - Builder's Risk is waived and replaced by Installation Floater coverage (see Supplemental Conditions)
 - Maintain insurance coverage during the construction of this Project
- Submittals and invoicing will be handled through CPMS

Required Experience

- Contractor Shall have experience constructing water mains 16” or larger via open cut
- Contractor Shall have experience constructing water mains 16” or larger by open cut and utilizing One-Lane Two-Way Traffic Control
- Detailed requirements are included in the Statement of Bidders Experience, which must be completed by the contractor

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)

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 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 & Subcontractor Changes

<https://saws.smwbe.com>



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"/>		
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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 _____



Bid Packet Preparation

- Utilize and submit the Bid Packet Checklist with the Bid
- Statement of Bidder's Experience be completed and included instead of list of projects
- Double check all mathematical calculations and verify all extensions
- Ensure Mob and Prep of ROW do not exceed the percentage
- References and contact information should be verified prior to submitting a Bid
- Addendums are acknowledged on the Bid Proposals Signature Page

Additional Reminders

- Register with 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 should subscribe to the project by selecting the project, and clicking 'Subscribe' under the Notify Me box.


contract solicitations
Invitation for Bid

Solicitation No. **CO-00157-JP** Job No. **17-5137 & 17-5617**

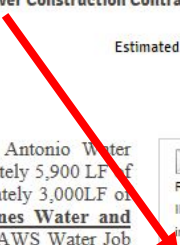
2018 Pipelines Water and Sewer Construction Contract Pkg I

Due Date: 10:00 AM Monday, 2/5/18 Estimated Cost: \$2,000,000.00
Status: Currently Accepting Submissions

Sealed bids are requested by the San Antonio Water System for the construction of approximately 5,900 LF of 6 to 8-inch of water main and approximately 3,000LF of 8-inch sewer main for the **2018 Pipelines Water and Sewer Construction Contract Pkg I**. SAWS Water Job No. **17-5137** and Sewer Job No. **17-5617**.

 **Notify Me**
Receive updates for this IFB sent straight to your inbox.

Subscribe



Communication Reminders

- There should not be any communication with the following:
 - ✓ Design Engineer (K Friese)
 - ✓ SAWS Project Manager or Project Engineer
 - ✓ Any other SAWS staff
 - ✓ City Council member or staff
 - ✓ SAWS Board of Trustees
- This includes phone calls, emails, letters, or any direct or indirect discussion of the Bid

Key Dates

- Sept. 20, 2018 by 4:00 PM **Questions Due**
- Sept. 25, 2018 by 10:00 AM **Addendum Posted to SAWS Website**
- Sept. 27, 2018 by 10:00 AM **Bid Proposals Due**
- September 2018 **Responsible Bidder Evaluation**
- October 2018 **Selected Contractor Notified**
- *October 2, 2018 **SAWS Board Approval and Award**
- Week of October 8, 2018 **NTP Issued**

***SAWS intends to expedite execution of this contract. Bidder will be expected to provide signed contract, performance and payment bonds and insurance within days of the bid opening.**

Submission Due Date

- Bids are due no later than
10:00 AM CDT Thursday, September 27, 2018
- Follow specific delivery instructions:
 - Deliver to 2800 U.S. Highway 281 North, Customer Service Building, Counter Services
 - Make arrangements if mailing a bid
 - Late responses will not be accepted and will be returned unopened

Contract Background

- Utilize and submit Contractor's Bid Packet Checklist.
- Detailed Construction schedule must be submitted with the Bid Proposal.
- Submittals can be submitted as soon as receiving notification of contract award after CPMS training (if necessary) has been completed.

Contract Background

- Prior to commencing work, contractor must submit and receive approval of the following:
 - Construction Schedule
 - Pre-site video
 - Lease agreements
 - Permits
- There will be one pre-construction meeting
 - Remaining submittals will be required
- Contractor must submit a Work Progress Schedule with bid and monthly thereafter

Contract Background

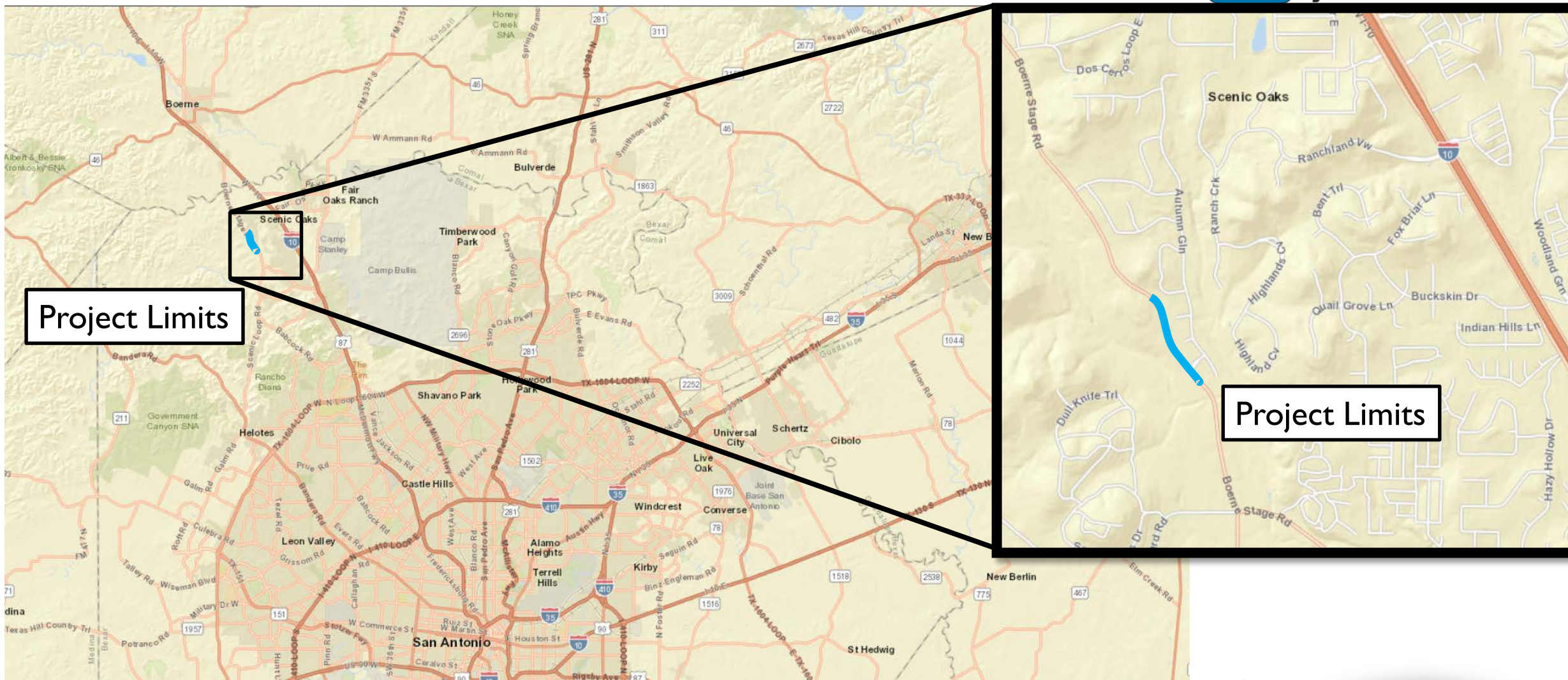
- All RFIs, RFPs, submittals, and any other items related to construction must be uploaded and processed via CPMS.
- No work can be performed by the Contractor unless the cost for that line item is on the contract.
- All traffic control plans must be submitted and approved by Bexar County.
- Change orders, if any, will be based on negotiated prices not in the bid proposal.
 - Negotiated using RS Means

Contract Background

External Agency Permit Requirements (Bexar County, etc.)

- Contractor to follow requirements identified in corresponding permits.
- Changes in field that are cited by the Agency's Inspector will require concurrence and approval from the SAWWS Inspector first.
- If contractor wants to work weekends, notification is required 48 hours in advance to SAWWS Construction Inspections. Requests should be send to constworkreq@saws.org.

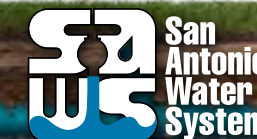
Project Map



Project Limits

Project Limits

Boerne Stage Road Water Main Replacement Project



Contract Requirements

Special Provisions

- **Item 100 – Mobilization:** Establishes Intermediate Demobilization and Remobilization bid item if elected by SAWWS.
- **Item 530 – Barricades, Signs, and Traffic Handling:** Establishes that Electronic Message Boards (EMB) are incidental to this item.
- **Item 540 – Temporary Erosion, Sedimentation and Water Pollution Prevention and Control** – Contractor shall prepare SW3P and follow the requirements set forth in Notice to Permit Holder Letter and specification.

Contract Requirements

Special Provisions, continued

- **Item 821 – High Pressure Distribution System:** Establishes the maximum testing pressure at 250 psi.
- **Item 841 – Hydrostatic Testing Operation:** Establishes the maximum testing pressure at 250 psi. Establishes the maximum leakage rate at 2.56 gph per 1,000 linear feet during testing.

Contract Requirements

Special Specifications

- **Item 6706 – Grout Abandonment of Water Mains:**
Establishes requirements for abandoning the existing main.
Establishes linear foot payment per size of pipe.

Contract Requirements

Supplemental Conditions

- Contractor shall perform the work with its own organization on at least 40% of the total original contract price.
- Liquidated damages will be assessed as follows for final completion extending beyond contract time:
 - \$821 per Day
- Includes any other supplemental conditions pertinent to the project.

Contract Requirements

Special Conditions

- Contractor shall prepare, research, submit, and layout site specific submittals including Storm Water Pollution Prevention Plan, Traffic Control Plan, and their approvals.
- Clearing and grubbing, tree protection, and tree pruning shall be paid for under Item 101 – Preparing Right-of-Way.
- Three (3) day notification by door hanger is required to residents and businesses impacted by construction.

Contract Requirements

Special Conditions, continued

- Mail and trash service is to be maintained at all times for residents and businesses.
- Contractor may provide alternate Traffic Control Plan for approval by Bexar County and SAWWS.
- Contractor is responsible for obtaining Bexar County ROW and SW3P permits, at his expense.
- Trenches must be backfilled and metal plates (if required) installed to open traffic at night.

Contract Requirements

Special Conditions, continued

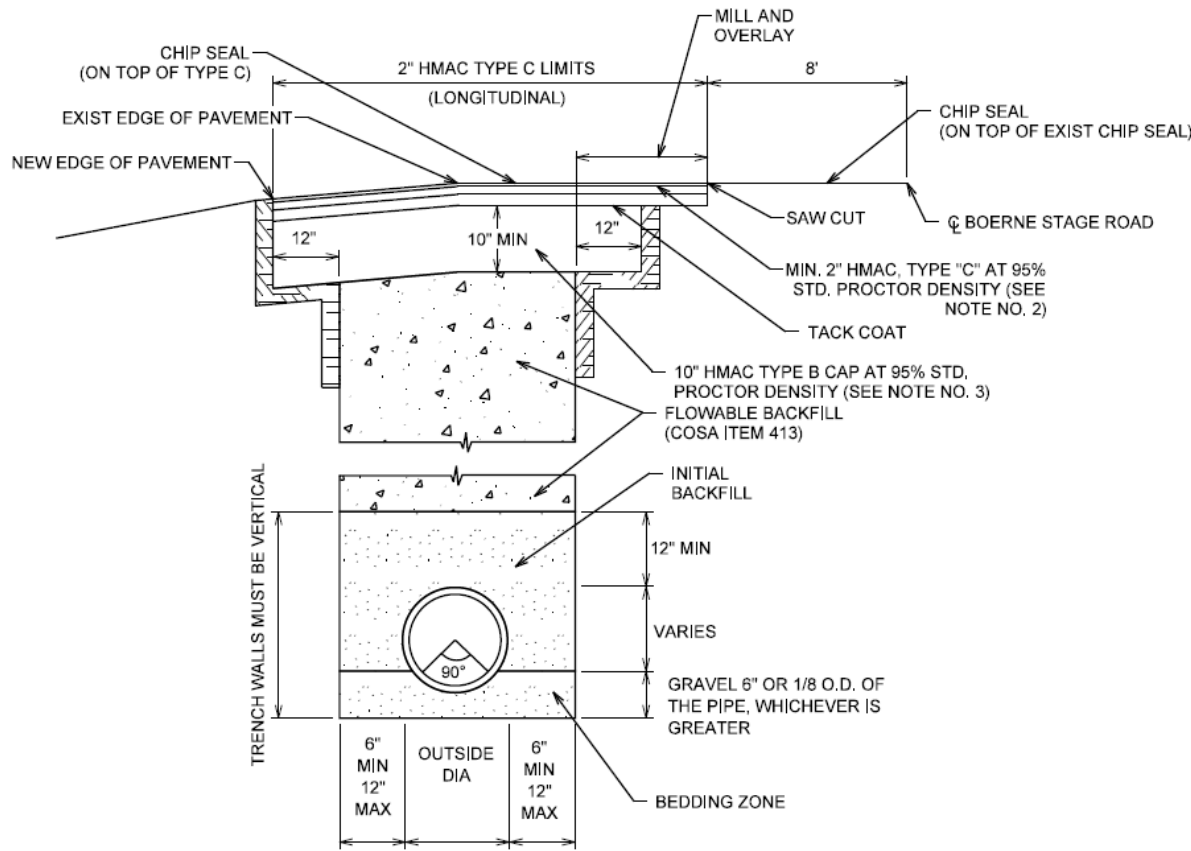
- **Bexar County Traffic Control Requirements**
 - For One-Lane Two-Way Traffic Control, a pilot car is required. Flaggers are also required.
 - One-Lane Two-Way Traffic Control is limited to 8 AM to 5 PM Monday through Friday only.
 - Sufficient signage shall be provided to prevent wrong way traffic from residents and businesses along project limits.
 - Open cut sections across the roadway shall be done in two phases with only one lane closed at a time.

Contract Requirements

Special Conditions, continued

- **Bexar County Pavement Restoration Requirements**
 - HMAC Type B extends a minimum of 1-foot each side beyond the edge of trench. HMAC Type B shall extend to the edge of shoulder.
 - HMAC Type C shall be a minimum of 10-feet wide. The seam at edge of HMAC Type C shall be located outside of the wheel path.
 - New pavement will widen Boerne Stage Road up to 3-feet in areas. Contractor shall ensure the edge of pavement is installed uniformly and neatly.
 - Chip seal shall be installed on top of the new HMAC Type C pavement and existing chip seal to the centerline of Boerne Stage road.

Project Details



DETAIL G
TRENCH AND PAVEMENT RESTORATION DETAIL
(ALONG BOERNE STAGE ROAD)
 SCALE: NTS

Project Details

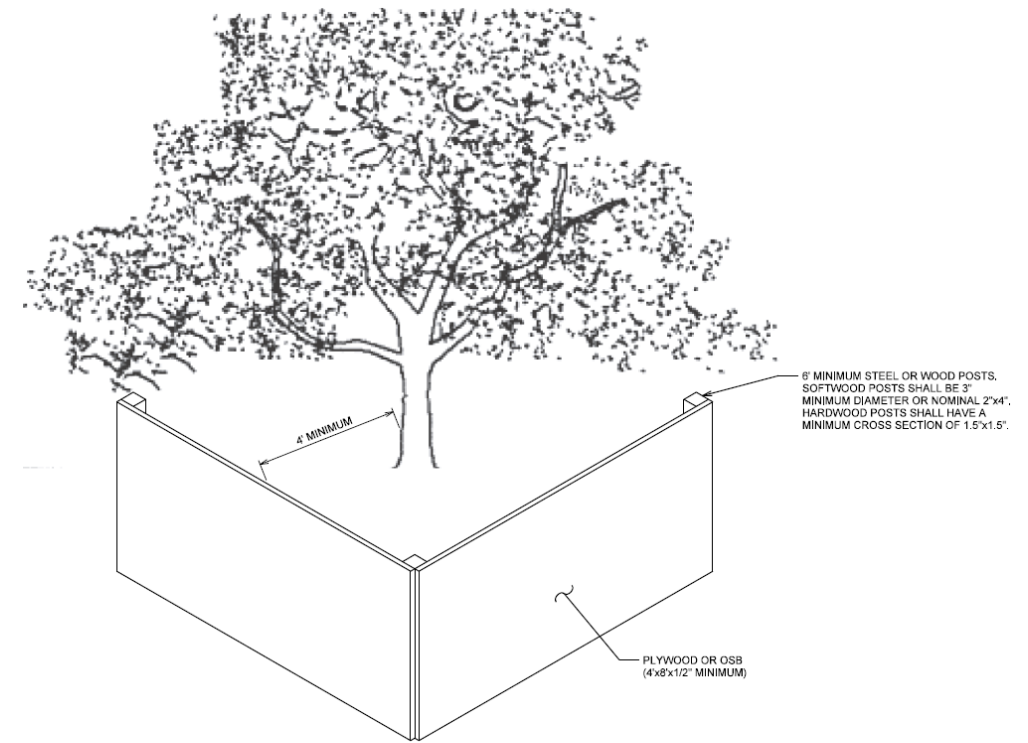
- Proposed alignment located along edge of pavement, on the west side of Boerne Stage Road.
- Proposed depth of water main is 6-feet.
- Trench to be backfilled with flowable fill.
- All materials to be rated at 250 psi working pressure or greater (pipe, valves, etc.)

Project Details

- Existing culverts should be protected.
- Entire concrete or asphalt driveway should be restored within ROW.
- 100 feet of existing pipe to not be grout filled as part of abandonment.

Project Details

- Tree permit has already been acquired
- Tree removal not allowed.
- Contractor to schedule pre-construction tree inspection with COSA Arborist.

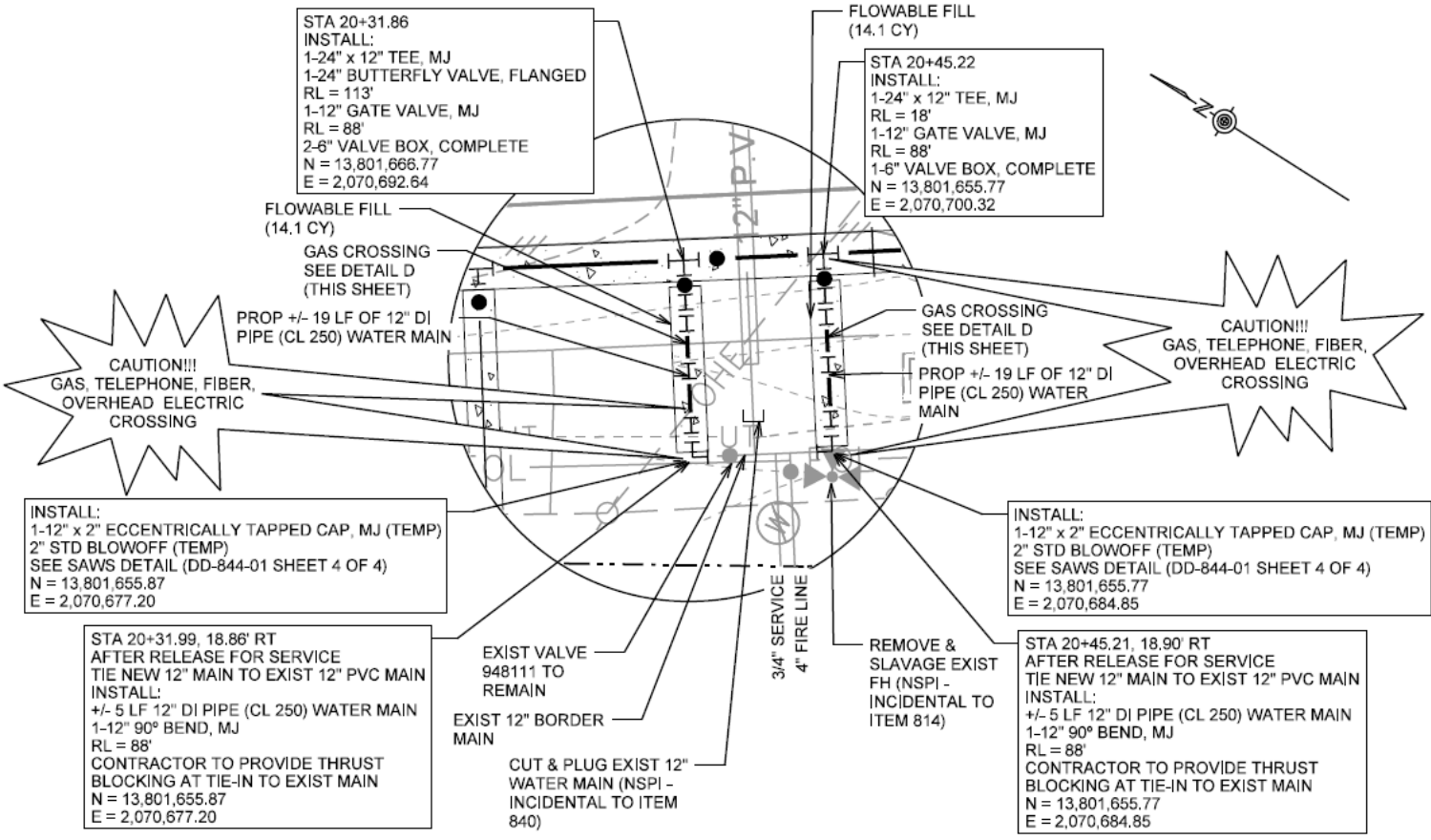


PLYWOOD PROTECTION DETAIL
SCALE: NTS

Project Details

- CPS Energy: 8” High Pressure Gas Main
 - Gregory Lee: (210) 353-5285
- Guadalupe Valley Telephone Cooperative (GVTC): Underground Fiber and Telecom
 - Network Control Center: (830) 885-7100
- AT&T: Underground Telecom
- Grey Forest: 4” Gas Main near Autumn Wind
- Bethany Romanian Pentecostal Church
 - (210) 437-2669

Project Details



DETAIL C
(SHEET 8)
 SCALE: 1"=20'



SMWVB Questions

Questions related to SMWVB may be directed to SAWS' SMWVB Program Manager until bids are due. Her contact information is as follows:

Marisol V. Robles

Contract Administration Department

San Antonio Water System

Email Address: Marisol.Robles@saws.org

Telephone No.: 210-233-4988

Questions

- Should be submitted no later than September 20, 2018 at 4:00 PM CDT.
- Must be submitted in writing:

Stella Manzello

Contract Administrator

Contract Administration Department

San Antonio Water System

Stella.Manzello@saws.org

Fax: (210) 233-4290

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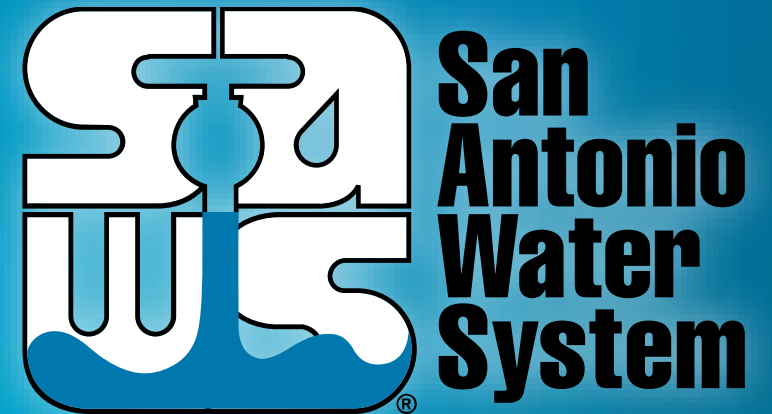
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