

Ellerman at S San Marcos Sewer Replacement

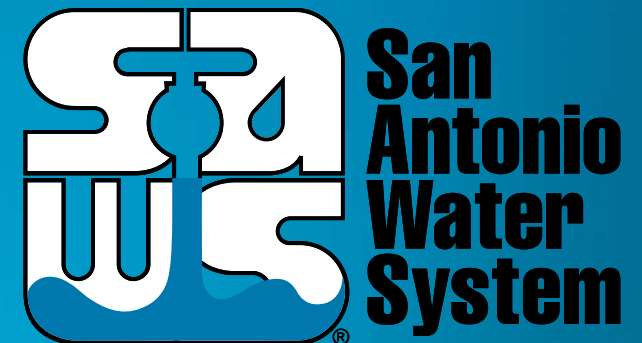
Pre-Bid Meeting
June 11, 2020

Patrick O'Connor, P.E.
Project Engineer, SAWS

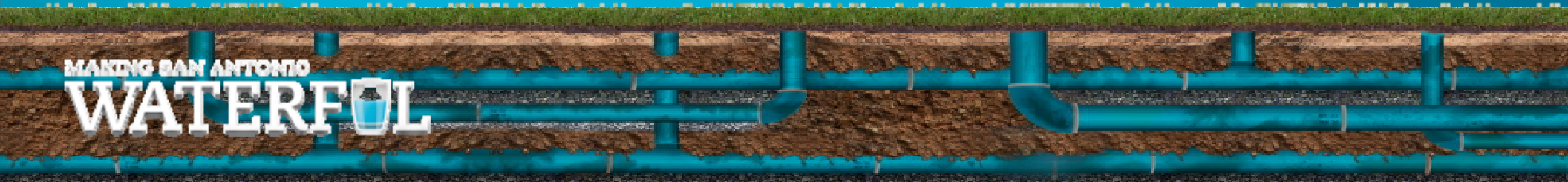
Janie Powell
Contract Administrator, SAWS

Marisol V. Robles
SMWVB Program Manager, SAWS

Steven Thai, P.E.
Project Engineer of Record, BGE



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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 this Project. Changes, if any, will be addressed in writing only via an Addendum.

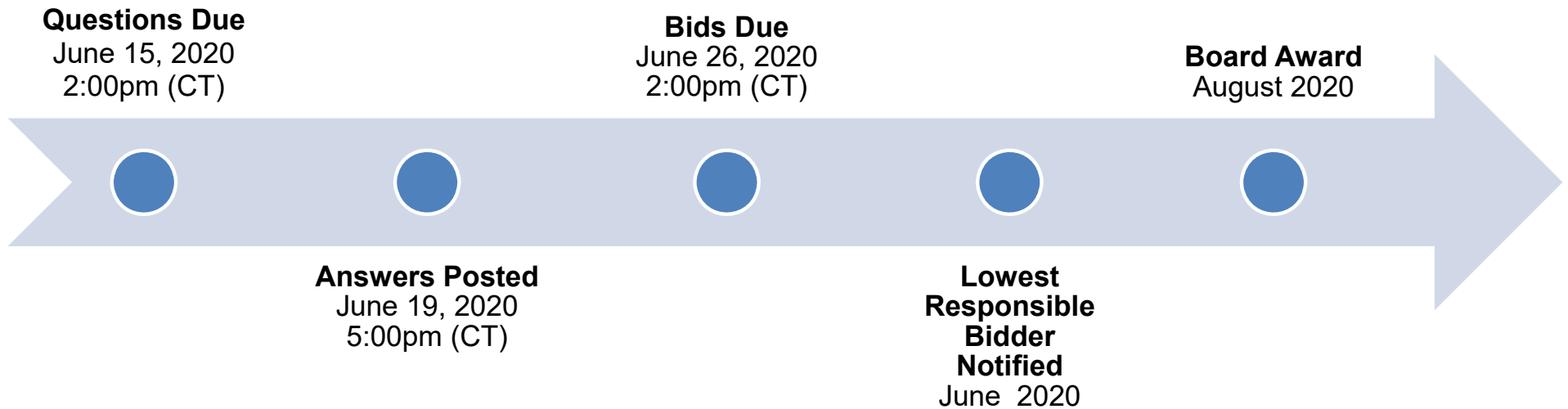
Agenda

- General Information
- IFB Schedule
- Bid Packet Preparation
- Contract Requirements
- Contract Solicitations Website – Recent Changes
- Vendor Registration
- Key Reminders
- Contact Information
- Technical Information
- Small, Minority, Women, and Veteran-Owned Business (SMWVB Requirements)

General Information

- This is a Non-Mandatory pre-bid meeting.
- This presentation has been posted to the SAWS website.
- The construction estimate is \$1,021,610.20.
- Construction services being procured through IFB.
- Completion is scheduled for 180 calendar days.

IFB Schedule



Bid Packet Preparation

- Utilize the Bid Packet Checklist within the specifications
- Double check all mathematical calculations and verify all extensions
- Addendums are acknowledged on the Bid Proposals
- Ensure Mob and Prep of ROW do not exceed the percentage
- References and contact information must be verified prior to submitting bid(s)
- Detailed baseline schedule with NTP of 8/17/20
- Thoroughly complete Statement of Bidder's Experience form
 - Projects should be meet requirements identified in check boxes

Contract Requirements

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 SAWS

Contract Requirements

- Insurance requirements are found in Section 5.7 of the GCs
 - Builder's Risk is replaced by Installation Floater coverage (see Supplemental Conditions)
 - Maintain insurance coverage during the construction of this Project
- Compliant prior to executing the contract
- Will ask for insurance prior to Board award to expedite execution of the contract
 - Any deficiencies must be corrected prior to Board award

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Contract Solicitations Website – Recent Changes

- To locate the Contract Solicitations website choose Resources

The screenshot shows the San Antonio Water System website header. The navigation menu includes 'About SAWS', 'Resources' (circled in red), and 'Work With Us'. A search bar is present with the text 'What can we help you find?'. Below the navigation, there is a 'Business Center' section with a blue header and a list of links: 'Developer Resources', 'Contract Solicitations', 'Procurement Bids', 'Construction & Material Specs', 'SMWVB at SAWS', and 'Design Resources'. A red arrow points from the 'Resources' dropdown to the 'Contract Solicitations' link in the Business Center menu.

- At the drop down menu choose Contract Solicitations.

Contract Solicitations Website – Recent Changes

- Choose the specific project
- The following buttons are now located under the advertisement:
 - Notify Me
 - Plan Holder’s List
 - Downloads
 - Plans
 - Specs
 - Addendums
 - Geotechnical Report



The screenshot displays a project advertisement for a "Non-Mandatory Pre-Bid Meeting" on August 6, 2019, at 10:00 AM. The location is the San Antonio Water System Customer Service Building. Below the advertisement are three main interactive buttons: "Notify Me" (with a megaphone icon), "Plan Holders List" (with a group of people icon), and "Downloads" (with a document icon). The "Downloads" section lists two PDF documents: "Specifications" and "Plans", both dated July 31, 2019, with a note that users must be logged in to access them. A red arrow from the text on the left points to the "Downloads" section in the screenshot.

Vendor Registration & Notification (VRN)

- Please 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.

https://apps.saws.org/Business_Center/Contractsol/



Notify Me

Receive updates sent straight to your inbox.



Subscribe

Key Reminders

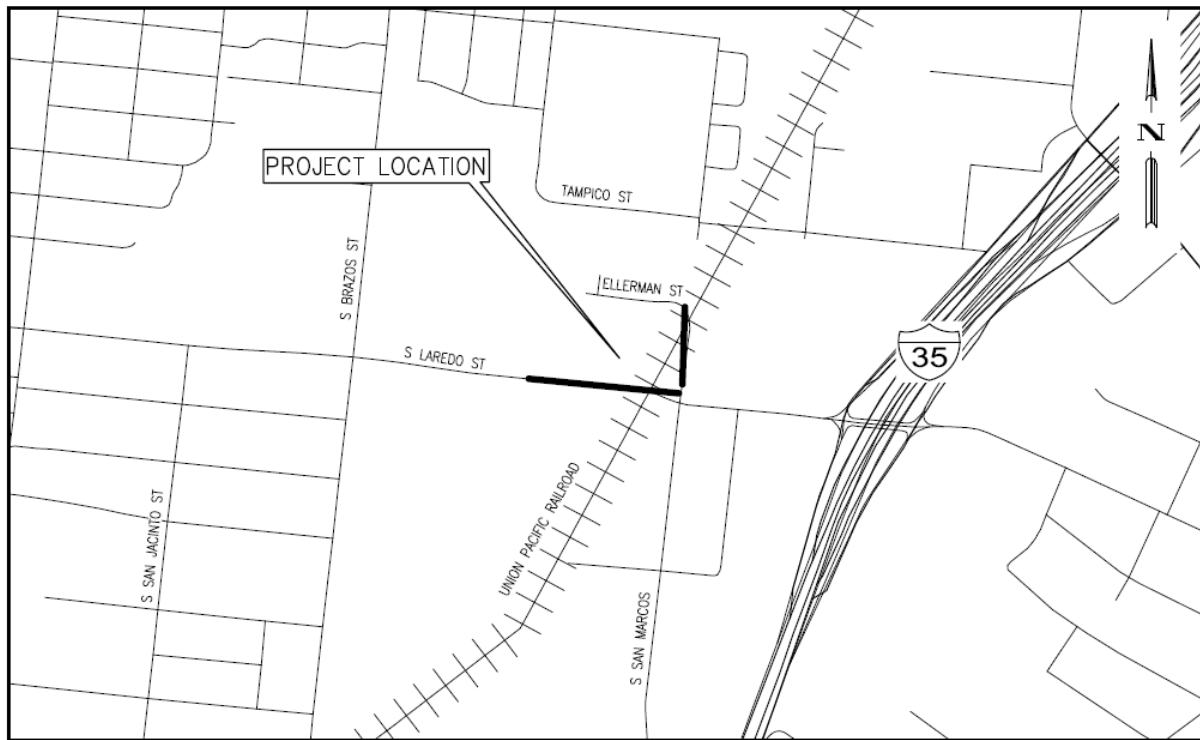
- All questions should be sent in writing to the corresponding Contract Administrator by email or fax.
- Please identify the project by its associated solicitation number. (CO-00324)
- Contractors should not contact the SAWWS project engineer, the consultants for this project, or any other SAWWS staff up until Board award.
- Late bids will not be accepted, and will be returned unopened.
- If mailing bids, ensure that sufficient time is allowed for the package to reach SAWWS.
- If bids will be delivered in person to SAWWS, Respondents should allow sufficient travel time, as well as time to check in at the guard station.
- Bids will be allowed to be submitted electronically with option to submit the smaller bid packet. Changes will be reflected via Addendum.

Contact Information

<u>Contact Name</u>	<u>Title</u>	<u>Telephone Number</u>	<u>Email address</u>
Janie M. Powell	Contract Administrator	210-233-2443	Janie.Powell@saws.org
Marisol V. Robles	SMWVB Program Manager	210-233-3420	Marisol.Robles@saws.org

Project Location Map

Proposed Construction on S San Marcos and S Laredo St.



Project Overview

Items of Note

- S. San Marcos: there is at least one collapse in the existing 42-inch RCP pipe under the railroad crossing at Ellerman/S. San Marcos.
- Existing 42-inch RCP contains considerable rock/gravel debris
- Involves installation of new 8-inch main to pickup existing laterals
- Pipe and any associated voids must be grouted to ensure stability of road and RR
- Completion of S. San Marcos work is first priority
 - Contractor to identify this as first milestone in the baseline schedule they submit
- S. Laredo: existing 30-inch RCP contains considerable rock/gravel debris
- Previous manhole at upstream end was abandoned
- Project involves sliplining the 30-inch RCP with 12-inch HDPE
 - Connection to downstream FRP manhole and numerous laterals

Contract Requirements

Special Provisions

- Item 100 – Mobilization: Establishes Intermediate Demobilization/Remobilization item if elected by SAWS, including definition of related temporary bypass pumping activities during SAWS- authorized demobilizations.
- Item 540 – Temp Erosion, Sedimentation and SWP3 Controls: Establishes all related Work as a “Lump Sum” item.
- Item 852 – Sanitary Sewer Manholes: Establishes Item 852B: Manhole Testing and Acceptance.
- Item 862 – Abandonment of Sewer Main and Manholes: Removal of debris and build-up accumulated within existing sanitary sewer siphons and other segments of pipeline necessary to complete abandonment is subsidiary.
- Item 1100 – Sliplining Sanitary Sewers: HDPE Liner Pipe and Fittings section added.
- Other Special Provisions as described.

Contract Requirements

Special Specifications

- Item SS-910 – Manhole Rehabilitation: Governs rehabilitation of manholes complete and in place and the materials used therein, including cleaning, interior surface restoration, priming the prepared surface and coating (including bench and invert of the manhole).
- Item SS-02445 – Settlement Monitoring: Supplemental to SAWS Item 862 – Abandonment of Sanitary Sewer Main and SAWS Item 1100 – Sliplining Sanitary Sewers this specification establishes furnishing, installing, and monitoring settlement instrumentation for measuring ground movements around and above trenchless construction operations.

Contract Requirements

Supplemental Conditions

- Contractor shall perform the work with its own organization on at least 40% of the total original contract price. This percentage should be reflected in the GFEP.
- Liquidated damages will be assessed as follows for final completion extending beyond contract time: \$2,012 per Day
- Consent Decree Notice Provisions
- Includes any other supplemental conditions pertinent to the project.

Contract Background

Special Conditions

- Contractor shall meet requirements of Union Pacific Railroad (UPRR) Agreement for pipeline crossing.
- Existing geotechnical data report (GDR) and Subsurface Utility Engineering Testhole are available for information purposes following completion of associated form.
- Contractor shall notify and coordinate with homeowners, residents and businesses that will be impacted with and during the construction activities on/and near San Marcos Street and Ellerman Street 72 hours in advance of mobilizing and starting any construction activities at the project site.
- The existing 42-inch RCP on S. San Marcos has at least one collapse in the vicinity of the railroad crossing at Ellerman.
- Contractor must perform the abandonment and grouting of the existing 42-inch RCP on S. San Marcos as first milestone of the construction phase.

Project Description and Details

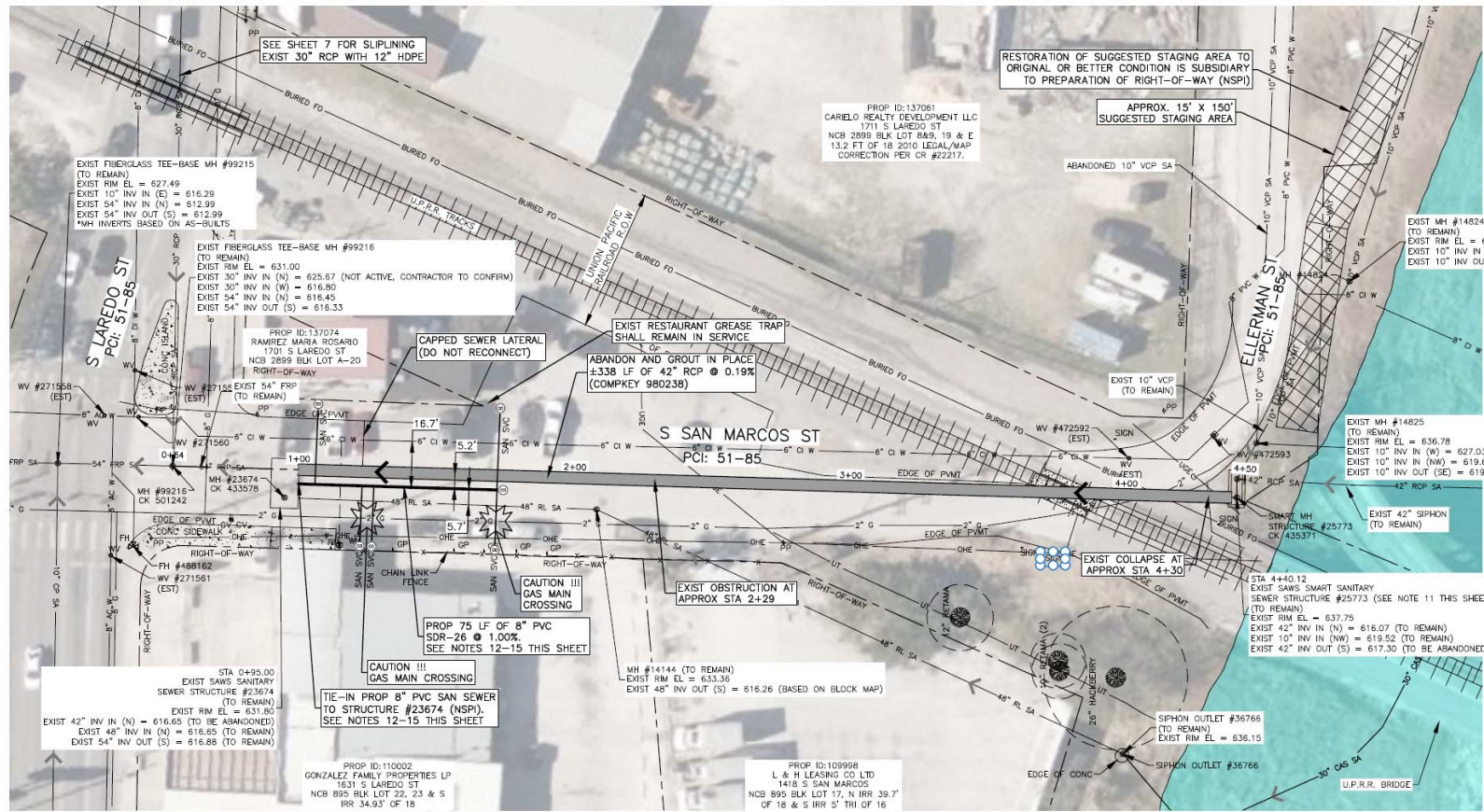
- Project located on S San Marco and S Laredo near Ellerman Rd in CoSA ROW.
- Construction work includes
 - Abandoning of existing 338 linear feet of 42-inch RCP sewer main by grouting
 - Installing approx. 75 linear feet of 8-inch gravity sewer main on S San Marcos and Tie-n existing Laterals.
 - Approx. 685 linear feet of existing 30-inch RCP sewer main to be rehabilitated with 12-inch HDPE by sliplining
 - Approx. 125 linear feet of 24-inch steel casing on S Laredo St crossing under the Railroad Tacks
 - Mill and overlay of South Laredo Street anticipated for CoSA ROW requirements
- Contractor shall be aware of potential collapses and/or voids at Railroad Crossing on S San Marcos for existing 42-inch RCP sewer main that may require grouting and sealing prior to abandonment.
- Work sequence to prioritize S San Marcos existing 42-inch RCP sewer main abandonment completion to minimize traffic impact on Ellerman residents and businesses on S San Marcos.

Project Description and Details

- Abandonment on S San Marcos relies on suggested plugging of upstream siphon structure across Apache Creek to minimize required bypass pumping, as suggested in Plans. Contractor shall develop detailed Flow Management and Bypass Plan for approval.
- Contractor shall coordinate with Tee-Base manhole manufacturer for connection and Tie-in of sliplined 12-inch HDPE to existing FRP Tee-Base Manhole on existing 54-inch sewer main at S Laredo St.
- Contractor shall install approximately 75 LF of proposed 8-inch sanitary sewer on S San Marcos St between existing 42-inch RCP to be abandoned and existing 48-inch to capture existing sanitary sewer service laterals currently connected to existing 42-inch RCP sewer main.
- Contractor to notify engineer of verified locations, elevation and depths of service laterals on S San Marcos. Locations and depths of service laterals to be verified prior to installation and connection to existing sanitary sewer structure.

S San Marcos (CoSA ROW)

- Temp roadway closure and traffic with Flaggers
- Suggested Bypass Pumping of existing 42-inch and 10" gravity and plugging of upstream and downstream siphon structures
- Suggested Staging Area available along side of Ellerman St
- Grout and Abandonment of existing 42-inch sewer main crossing under Railroad
- 75 LF of 8-inch sewer main installation for services
- After abandonment existing 10-inch sewerline to flow across Apache Creek using existing siphon barrel
- Work to be completed per CoSA ROW requirements.



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Project Description and Location

Suggested Staging Area



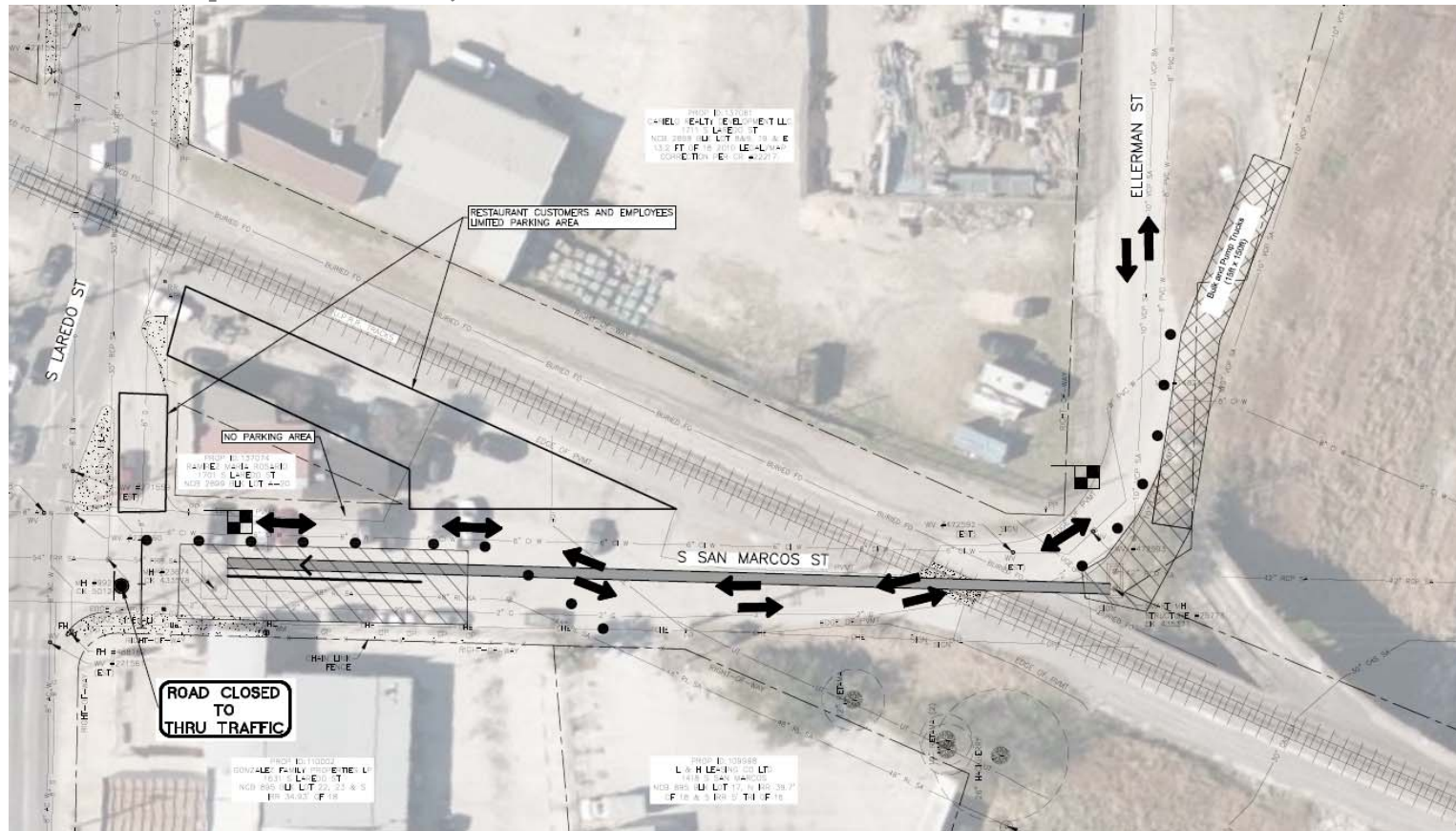
S San Marcos - 42" RCP to be Grouted
(Upstream to Downstream Structure)



Unique Project Features

Ellerman Access:

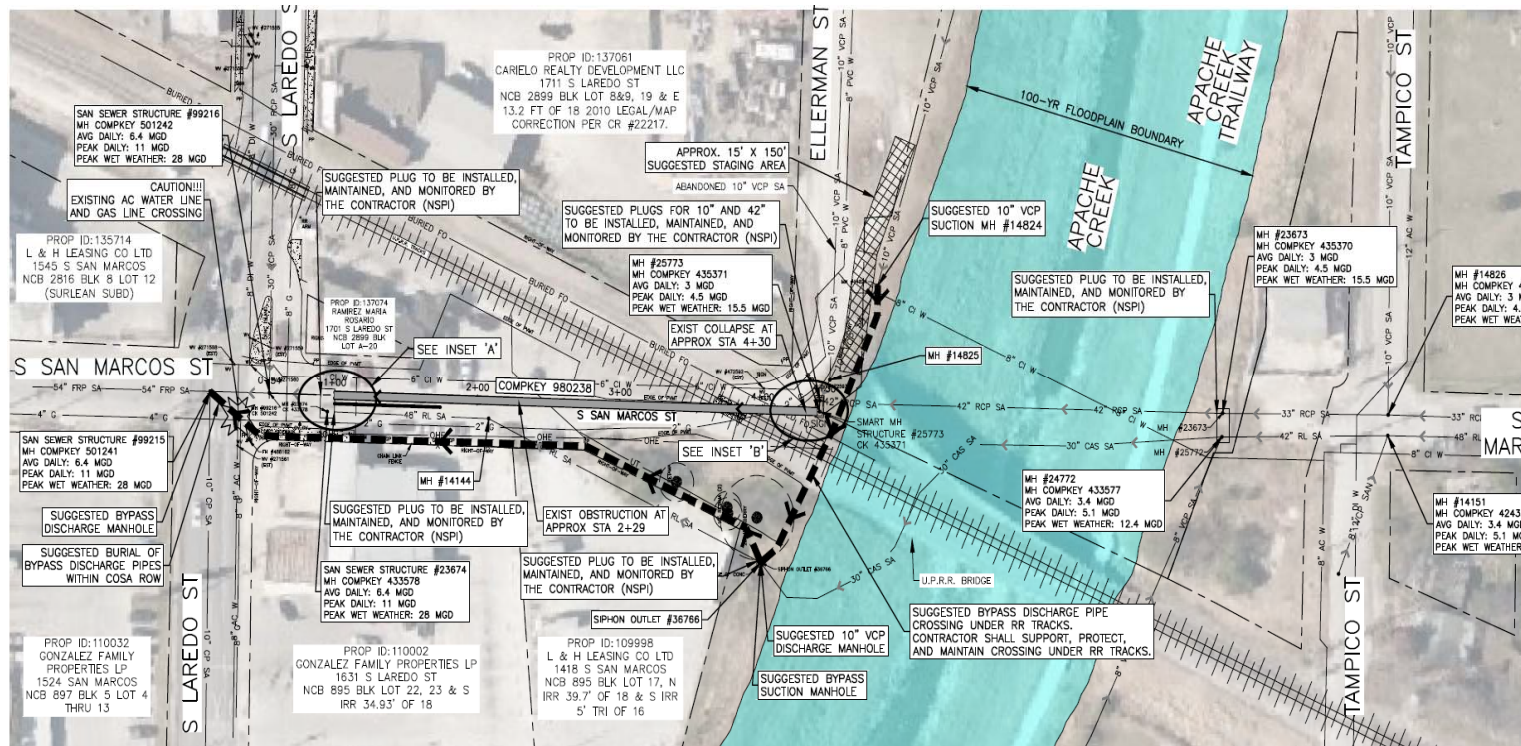
- Residents on Ellerman St Must have through traffic to be maintained at all times throughout project
- Suggested staging area is located to facilitate through traffic
- Current parking area for Piedras Negras Café and Chico Boys Fruit Market is to be used as through traffic lane or work area, parking to be limited during S San Marcos work



Unique Project Features

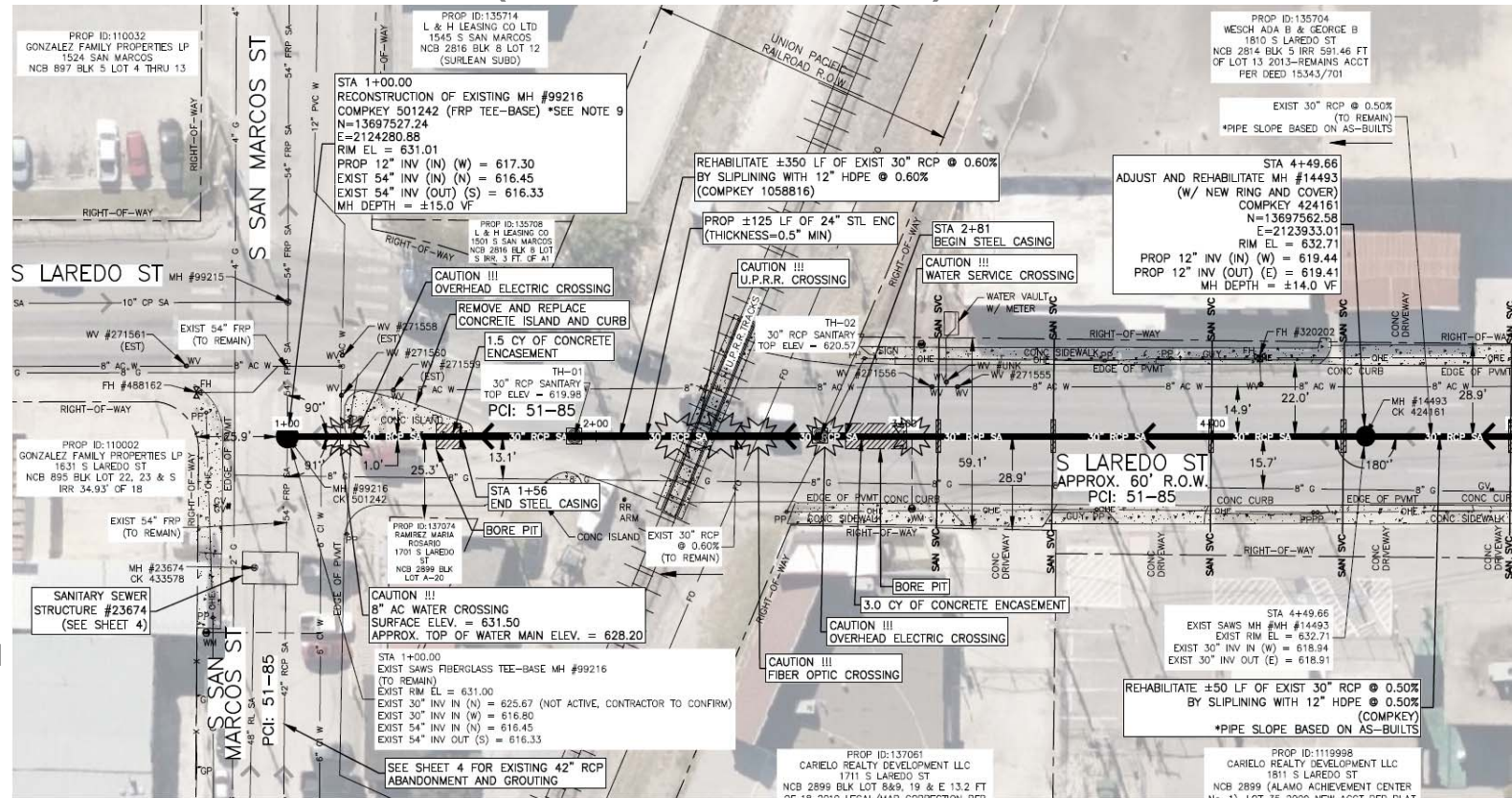
Ellerman and S. San Marcos Bypass

- Existing 42-inch Flow to be plugged in upstream Siphon Structure across Apache Creek to flow into parallel 48-inch siphon barrel
- Suggested bypass pumping of 10-inch main servicing Ellerman residents
- Discharge piping is suggested to be installed under railroad track bridge within floodplain.
- Discharge is suggested into MH 99215 in order to be re-purposed for S Laredo work
- Contractor to verify all existing manholes prior to plugging existing sewer mains
- Suggested Bypass of existing 48-inch sewer main from Siphon outlet # 36766 to Sewer Structure # 99215 during Grouting of existing 42-inch RCP



S Laredo St (CoSA ROW)

- Traffic control to allow work area in middle of S Laredo St
- Sliplining 30-inch with 12-inch HDPE
- 24-inch steel casing inside 30-inch sewer main to be installed under Railroad
- Suggested Bypass pumping around FRP Tee Base MH 99216 into MH 99215
- All laterals to reconnect to sliplined main, line items for full lateral replacement at SAWS Inspector discretion if existing lateral is in poor condition
- Work to include Mill and Overlay
- Contractor to secure, block and protect 24-inch steel casing and proposed 12-inch from floating during grouting



Ellerman at S San Marcos Sewer Replacement Pre-Bid Meeting



Project Description and Location

MH 99216 - Sliplined 12-inch connection to 54-inch FRP Tee-Base Manhole



S Laredo St – Existing 30” RCP Sliplined with 12” HDPE (includes 24” Steel Casing at Railroad crossing)



Aspirational SMWB Goal

Industry	Aspirational SMWB Goal
Construction	20%

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

Accepted SMWVB Certification Agency

- **South Central Texas Regional Certification Agency**
 - MBE, WBE, SBE (Includes “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. LCP Tracker
4. Must be Current and Accurate before Retainage is released

<https://saws.smwbe.com>



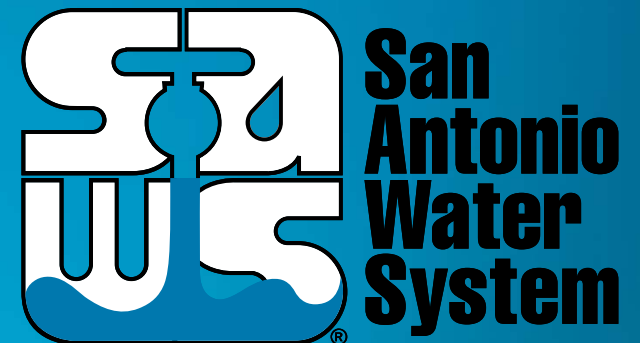
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Questions?



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