

# Package 8 - Small Diameter Under Major Highways (UPRR)

Pre-Bid Meeting

September 24, 2020

Patrick O'Connor, P.E.

Project Engineer, SAWS

Janie Powell

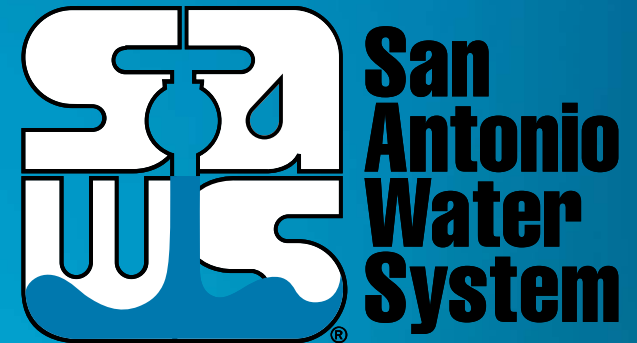
Contract Administrator, SAWS

Marisol V. Robles

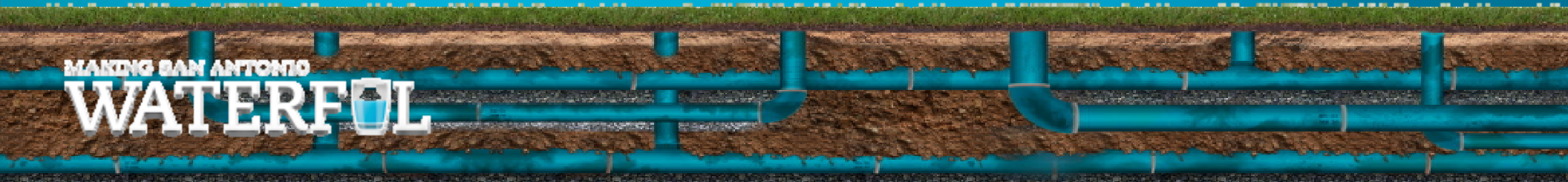
SMWVB Program Manager, SAWS

Bryan Spina, P.E.

Project Engineer of Record, LNV



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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.

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# Agenda

- General Information
- IFB Schedule
- Bid Packet Preparation
- Apparent Low Bidder
- Contract Requirements
- Contract Solicitations Website
- Vendor Registration
- Key Reminders
- Contact Information
- Technical Information
- Small, Minority, Women, and Veteran-Owned Business (SMWVVB Requirements)

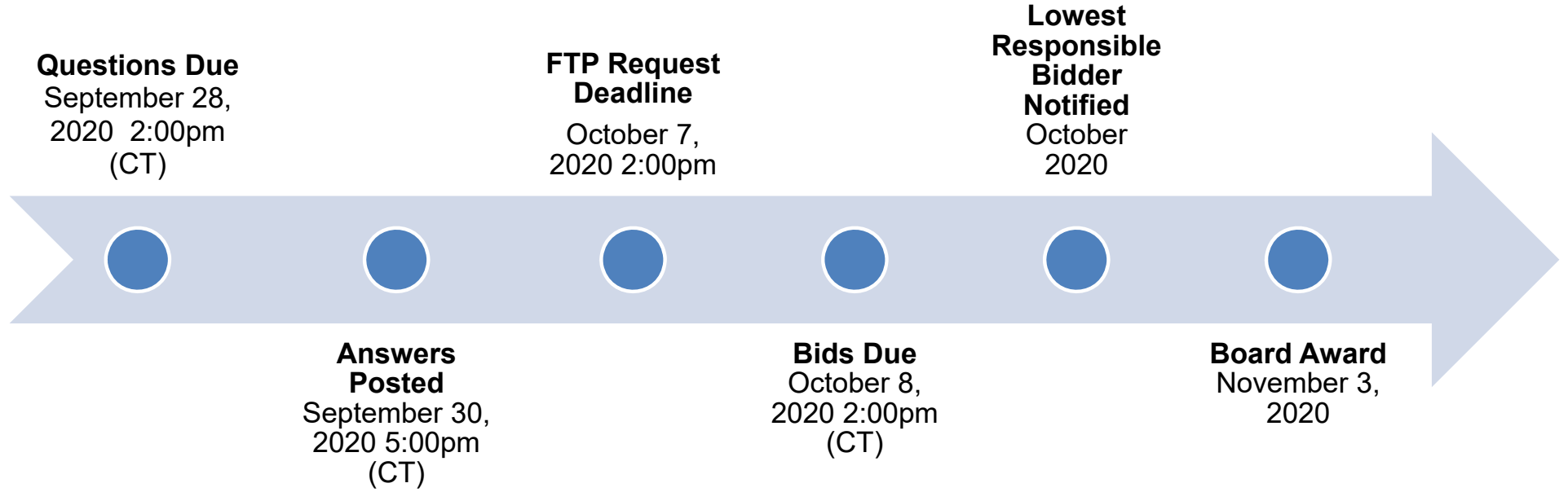
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# General Information

- This is a Non-Mandatory pre-bid meeting.
- This presentation has been posted to the SAWS website.
- The construction estimate is \$3,446,000
- Construction services being procured through IFB.
- Completion is scheduled for 630 calendar days.

# IFB Schedule



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# 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

# Apparent Low Bidder

- References and contact information must be verified prior to submitting bid(s)
- Detailed baseline schedule with NTP of 11/16/2020
- Thoroughly complete Statement of Bidder's Experience form
  - Projects should meet requirements identified in check boxes

# Contract Requirements

## Prevailing Wage Rate and Labor Standards – Section 2.10 of the General Conditions

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

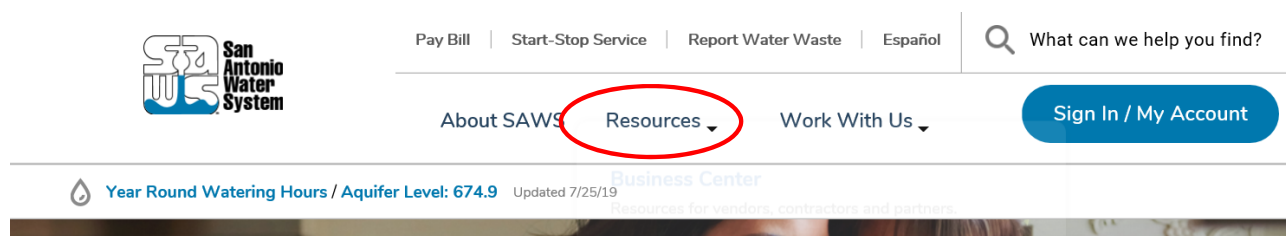


# Contract Requirements

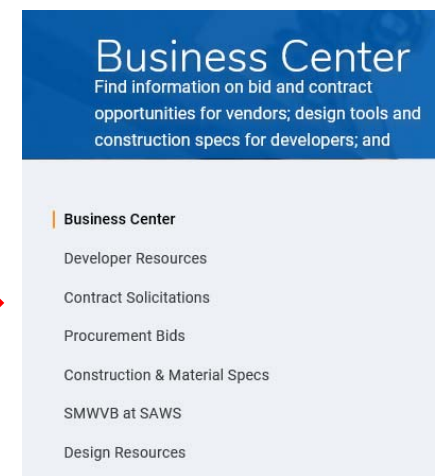
- Insurance requirements are found in Section 5.7 of the GCs
  - Builder's Risk is replaced by Installation Floater coverage plus Railroad Protective Liability (see Supplemental Conditions)
  - Maintain insurance coverage during the construction of this Project
- Compliant prior to executing the contract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

# Contract Solicitations Website

- To locate the Contract Solicitations website choose Resources

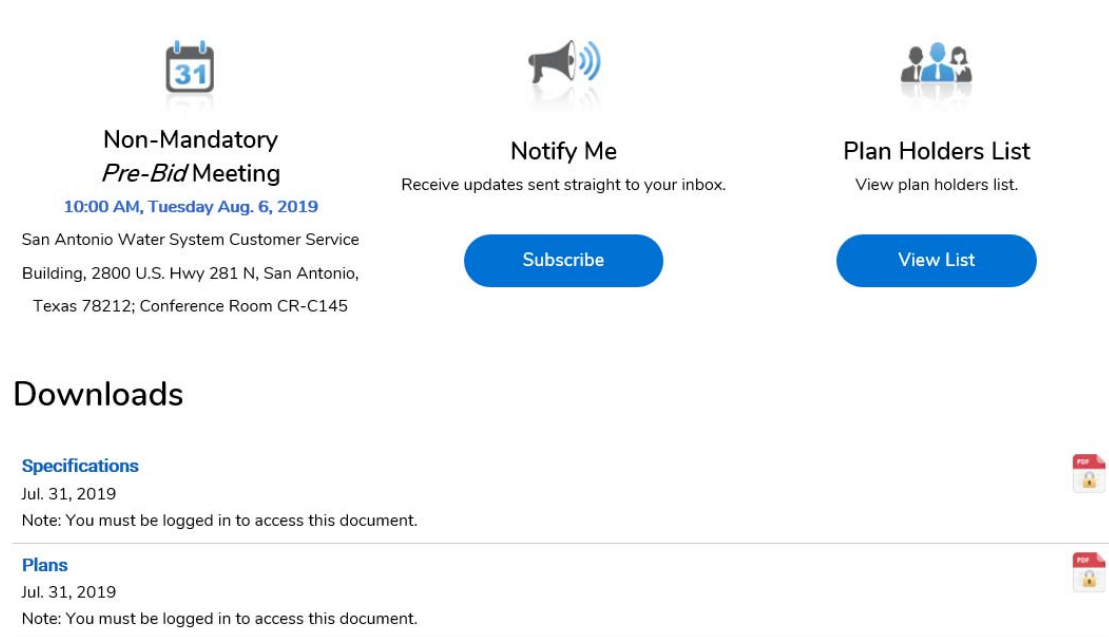


- At the drop down menu choose Contract Solicitations.



# Contract Solicitations Website

- 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 shows a user interface for a contract solicitation website. It features three main sections: a meeting announcement, a notification subscription, and a plan holders list. Below these is a 'Downloads' section with two entries for 'Specifications' and 'Plans', both dated July 31, 2019, and marked as PDF documents. A red arrow points from the text on the left to the 'Downloads' section.

**Non-Mandatory Pre-Bid Meeting**  
10:00 AM, Tuesday Aug. 6, 2019  
San Antonio Water System Customer Service Building, 2800 U.S. Hwy 281 N, San Antonio, Texas 78212; Conference Room CR-C145

**Notify Me**  
Receive updates sent straight to your inbox.  
[Subscribe](#)

**Plan Holders List**  
View plan holders list.  
[View List](#)

**Downloads**

**Specifications**  
Jul. 31, 2019  
Note: You must be logged in to access this document.

**Plans**  
Jul. 31, 2019  
Note: You must be logged in to access this document.

# Vendor Registration & Notification (VRN)

- Please register through SAWS Vendor Registration Program on the SAWS website at [www.saws.org](http://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/](https://apps.saws.org/Business_Center/Contractsol/)



Notify Me

Receive updates sent straight to your inbox.



Subscribe

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# Key Reminders

- Building wage decision has changed and updated version will be provided via Addendum
- 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-00366)
- 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.
- Bids will be allowed to be submitted electronically.
- Bids may be delivered in person using a smaller bid packet. Drop off is in Tower II, through the first set of double glass doors, black metal box on left-hand side.
  - Allow sufficient travel time if dropping off in person

# Contact Information

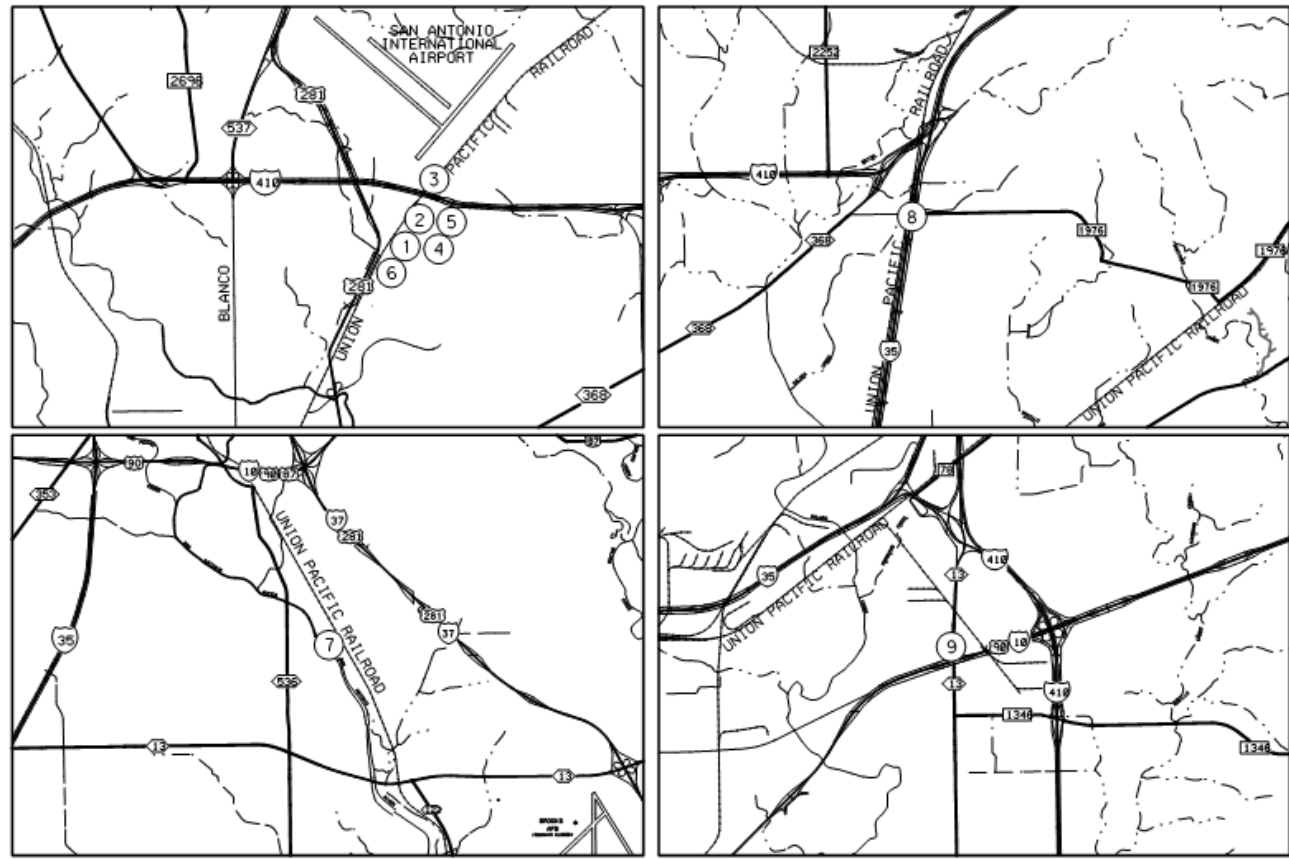
<u>Contact Name</u>	<u>Title</u>	<u>Telephone Number</u>	<u>Email address</u>
Janie M. Powell	Contract Administrator	210-233-2443	<a href="mailto:Janie.Powell@saws.org">Janie.Powell@saws.org</a>
Marisol V. Robles	SMWVB Program Manager	210-233-3420	<a href="mailto:Marisol.Robles@saws.org">Marisol.Robles@saws.org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

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# Project Location Map



- UPRR ROW MAIN**
- ① 686 LF OF 8" AND 10" SEWER (COMPKEY 968407 969211, 967503) NEAR EMPIRE ST.
- ② 1781 LF OF 10" AND 12" SEWER (COMPKEY 967328 967423, 968349, 976931, 979664, 977210) NEAR VIDOR DR.
- ③ 388 LF OF 10" SEWER (COMPKEY 2749864) ON WETMORE RD.
- ④ 124 LF OF 8" SEWER (COMPKEY 1048643) CROSSING UPRR ROW
- ⑤ 115 LF OF 10" SEWER (COMPKEY 1050410) CROSSING UPRR ROW
- W SUNSET RD**
- ⑥ 11 LF OF 15" SEWER (COMPKEY 968990) ON SUNSET
- S PRESA**
- ⑦ 512 LF OF 15" AND 24" SEWER (COMPKEY 1059554, 1054118, 981908, 1051745) ON S PRESA
- WALZEM RD**
- ⑧ 383 LF OF 15" SEWER (COMPKEY 1000109) ON WALZEM RD
- EMIL ST**
- ⑨ 398 LF OF 8" SEWER (COMPKEY 997198) ON EMIL ST.



# Project Overview

## Items of Note

- All locations are located within or crossing Union Pacific Railroad (UPRR) Right-of-Way
- Project consists of five (5) locations to rehabilitate or replace nineteen (19) segments of sewer main.
- The five locations are the UPRR ROW Main site along the UPRR right-of-way from Belfast Dr. to Wetmore Rd., the W Sunset Rd site at Sunset Rd. and the UPRR right-of-way, the S. Presa site at S. Presa and VFW Blvd, the Walzem Rd site at Walzem Rd. and IH-35, and the Emil St site at Emil St. and the UPRR right-of-way.
- Projects consists of pipe-bursting 2,221 LF of 10” sewer main, cured-in-place pipe rehabbing 383 LF of 15” sewer main, jacking and boring 391 LF of 24” casing and 151 LF of 42” casing and open cut replacing 1520 LF of 8”-24” sewer main.
- Four locations include work within TXDOT right-of-way



# 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 530 – Barricades, Signs and Traffic Handling: Establishes a lump sum item for each overall location.
- Item 540 – Temp Erosion, Sedimentation and SWP3 Controls: Establishes all related Work as a single “Lump Sum” item.
- Item 550 – Trench Excavation Safety Protection: Adds reference to trenching requirements and shoring required for working within UPRR right-of-way.
- Item 849 – Sanitary Sewer Acceptance Testing: Replaces the 2017 specification with the new 2020 specification which adds additional testing requirements and establishes a pay item for testing.
- Item 852 – Sanitary Sewer Manholes: Replaces the 2017 specification with the new 2020 specification.

# Contract Requirements

## Special Provisions

- Item 856 – Jacking, Boring or Tunneling Pipe: Removes tunneling from the specification and the use of liner plate.
- Item 862 – Abandonment of Sewer Main and Manholes: Removal of debris and build-up accumulated within existing sanitary sewer mains necessary to complete abandonment is subsidiary.
- Item 901 – Rehabilitation of Sanitary Sewer by Cured-in-Place Pipe (Hot Water or Steam Cured): Removes steam curing from the specification. Sanitary Sewers: HDPE Liner Pipe and Fittings section added.
- Other Special Provisions as described within the contract documents.

# 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-5000 – Settlement Monitoring: This specification establishes furnishing, installing, and monitoring settlement instrumentation for measuring ground movements around and above boring and trenchless construction operations within Union Pacific Railroad right-of-way.

# 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: \$1,600 per Day.
- Updated Instructions to Bidder items for electronic bids and hard copy bid submittals and WebEx bid opening due to COVID-19.
- Update to Article V – Contract Responsibilities to include Railroad Protective Liability insurance requirements.
- 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 and encroachments. Special Condition provides UPRR/RailPros contact information and documentation required before work can begin within UPRR right-of-way.
- Existing geotechnical data report (GDR) is available for information purposes following completion of associated form.
- Four locations will require work within TXDOT right-of-way and the contractor shall comply with approved TXDOT permits for each location.
- Multiple locations will require work within the City of San Antonio right-of-way. The contractor shall be responsible obtaining and complying with the City of San Antonio Right-of-Way permits.
- Some utility poles may require bracing during construction. Contractor shall coordinate with CPS Energy and pay for pole bracing. SAWS will reimburse the contractor at-cost for the pole bracing based on submitted invoice through the allowance provided in the contract documents.
- The access to the UPRR ROW Main portion of the sewer mains of the project from Belfast Dr. to Wetmore Rd. is overgrown and will require the area to be cleared at a minimum. A temporary drivable surface may be used to aid in access to the area, but must remain 20 feet from the UPRR tracks and shall be removed after completion of work. This item will not be paid for separately.

# Contract Background

## Special Conditions

- EPIC Consolidated has a 4” natural gas main within the project limits that crosses the sewer main at Emil St. EPIC is adjusting the gas main below the proposed sewer main. Contractor shall contact EPIC Consolidated at least 48 hours before working in the area.
- All trees shall be protected and pruned as necessary for work on the project. Any tree protection required as part of the approved CoSA tree permit will not be paid for separately.
- CPS Energy has gas mains at multiple locations throughout the project. No mechanical digging equipment can be used within 5 feet of a 16 inch or larger gas main. Only hand digging and hydroexcavating is allowed and the contractor shall contract the CPS Energy Locate Office to have a NRI Inspector on-site during digging operations within 5 feet of a 16 inch or larger gas main.
- Phasing of the sections shall be followed as outlined in Special Condition SC I I. The S. Presa site shall be substantially completed before July 31, 2021.
- Multiple Temporary Construction Easements and Right-of-Entry to Construct have been acquired. Three are for access to construct segments of the UPRR ROW Main site and one is for construction of the S. Presa site. The locations and expiration dates for each easement and/or right-of-entry is provided in Special Condition SC I I.
- The Consent Decree Notice Provision is provided in the Special Conditions.



# Project Description and Details

## UPRR ROW Main Site

- Consists of pipe-bursting 2,221 LF of 10" sewer main, jacking and boring 160 LF of 24" casing, and open cut replacing 765 LF of 8"-12" sewer main. Manholes will either be replaced or rehabilitated.
- Includes two relocated crossings being bored under the UPRR tracks.
- A 16" CPS Energy gas main crosses the sewer main in two locations requiring open cut replacement.
- Access to the site is either along the UPRR right-of-way based on the Suggested Accessible Route from Sunset Rd. or through two other properties per the Rights-of-Entry to Construct for 8526 Vidor Ave. and 1442 Park Ridge Dr. and through the Temporary Construction and Access Easements for 8446 Country Village St.
- Contractor shall coordinate with UPRR and RailPros to make sure the required flaggers and observers are on-site during work within the UPRR right-of-way.
- An existing manhole is below an abandoned railroad spur. Contractor shall coordinate with UPRR/RailPros for removal of spur and access to manhole.
- Section to be pipe-burst under Wetmore Rd. will require the contractor to expose and protect a underground telephone line during pipe-bursting operations.

# Project Description and Details

## W Sunset Rd Site

- Consists of open cut replacing 10 LF of 15” sewer main and rehabilitating the upstream and downstream manholes.
- The suggested bypass route is to place the piping under Sunset Rd through the adjacent TXDOT channel and culvert.
- Contractor shall coordinate with UPRR and RailPros to make sure the required flaggers and observers are on-site during work within the UPRR right-of-way.



# Project Description and Details

## S. Presa Site

- Consists of open cut replacing 79 LF of 15” sewer main, 87 LF of 18” sewer main, and 196 LF of 24” sewer main along with boring 151 LF of 42” casing under UPRR tracks. All, but one, manhole will be replaced.
- S. Presa Site must be completed first before July 31, 2021.
- CPS Energy has multiple gas mains along VFW Blvd that will need to be protected including a 16” gas main.
- Access shall be maintained to all businesses in the area at all times including 1011 E. White Ave. and 662 Riverside Dr.
- The suggested bypass piping route is significantly long and will need to cross UPRR tracks at existing culvert and use CoSA or UPRR right-of-way.
- A Right-of-Entry to Construct has been acquired for 1011 E. White Ave. for work on the 24” sewer main along the northern right-of-way of VFW Blvd.

# Project Description and Details

## Walzem Site

- Consists of cured-in-place pipe rehabbing 383 LF of 15” sewer main and rehabilitating the upstream and downstream manholes.
- The downstream manhole is on the UPRR right-of-way line and requires a Maintenance Agreement with UPRR. The contractor shall complete the Maintenance Agreement and pay the required fee before beginning work on this section. The work to complete the agreement and the fee will not be paid for separately.
- The sewer main is within TXDOT right-of-way.
- The suggested bypass piping route is significantly long and will need to cross under IH-35 and the UPRR tracks using an existing culvert.

# Project Description and Details

## Emil St Site

- Consists of open cut replacing 379 LF of 10” sewer main and boring 231 LF of 24” casing. All manholes will be replaced.
- Contractor to notify EPIC Consolidated before boring over relocated 4” gas main.
- Contractor will need to complete a water main adjustment to the water main running parallel to Emil St. and the existing sewer main before boring the new casing and main under Emil St. as shown on Sheet S51.
- Portion of Emil St. is TXDOT right-of-way and the other portion is CoSA right-of-way. The approximate break point is shown on Sheet S50.
- Property at the southwest corner of Emil St. and the IH-10 Interstate has a Oil Change Shop for Trucks. Coordination will be required to keep right-of-way clear of vehicles.
- Truck traffic is fairly consistent along Emil St.

# Unique Project Features

UPRR ROW Main Site  
Manhole 4315



UPRR ROW Main Site  
Suggested Accessible Route

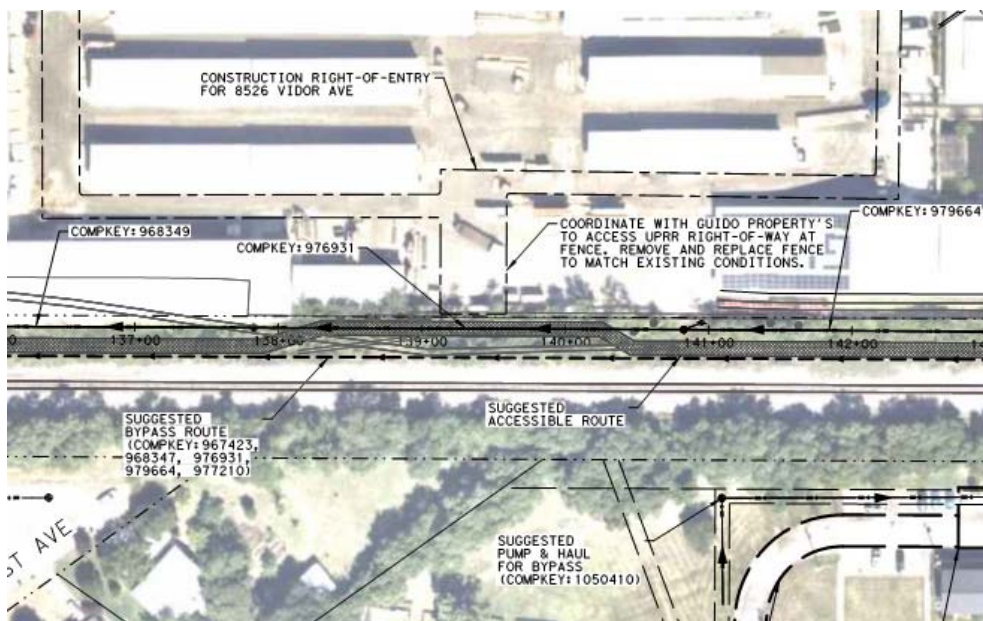




# Unique Project Features

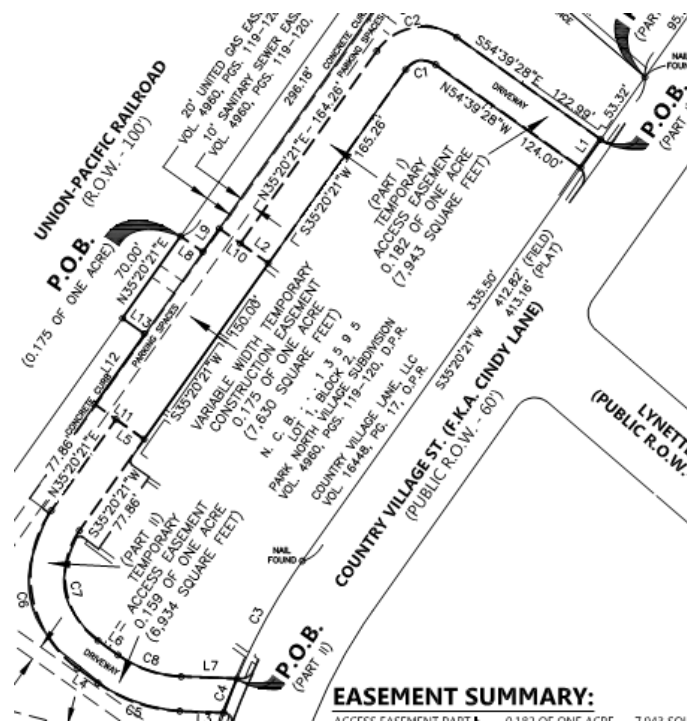
## UPRR ROW Main Site

### 8526 Vidor Right-of-Entry to Construct



## UPRR ROW Main Site

### 8446 Country Village St Temporary Easements



# Unique Project Features

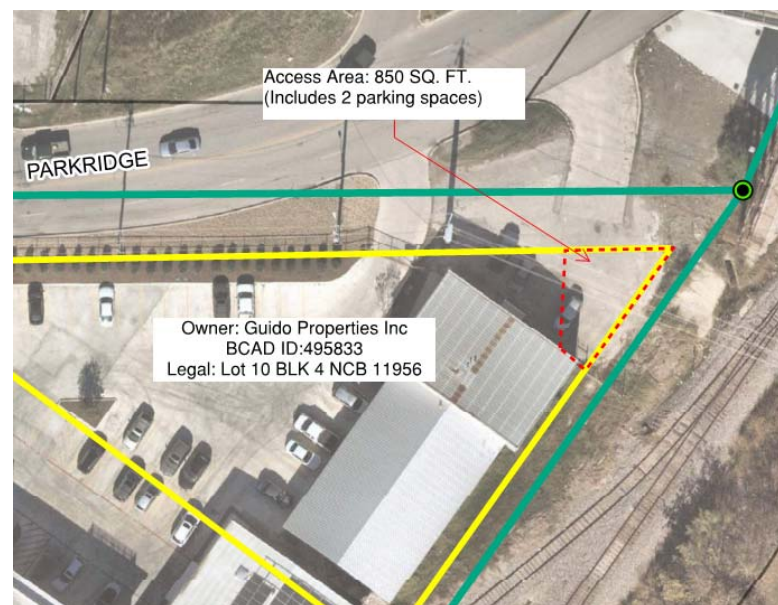
UPRR ROW Main Site

1011 E. White Ave Right-of-Entry to Construct



UPRR ROW Main Site

1442 Park Ridge Dr. Right-of-Entry to Construct



## 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.

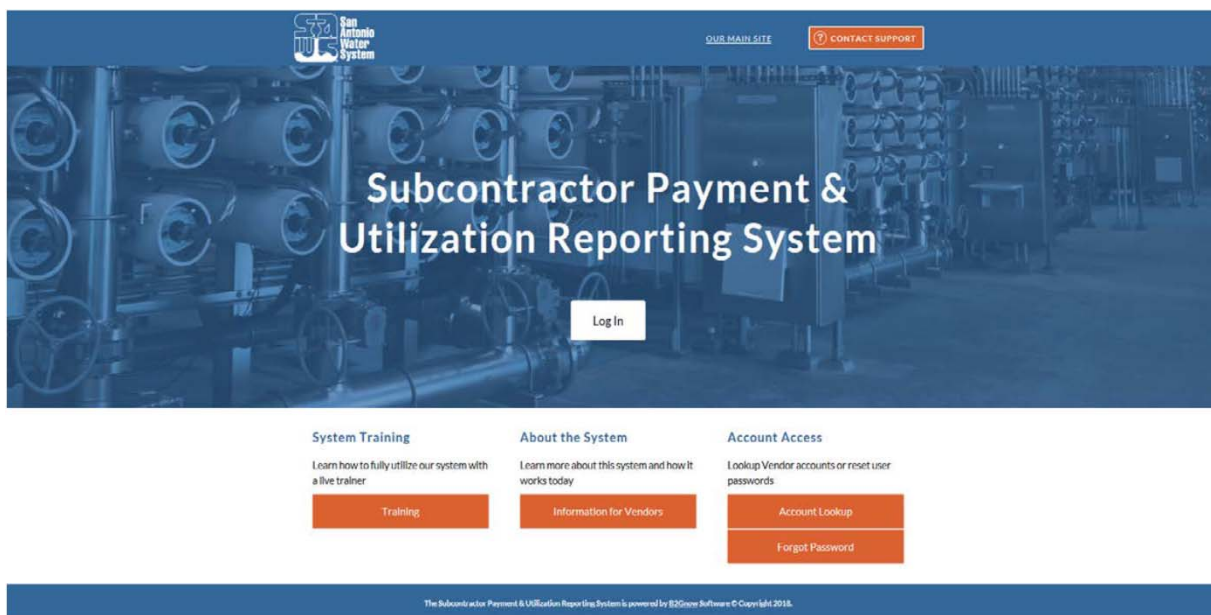
- **Q: What if I have questions about the GFEP?**

A: Please contact the SMWVB Program Manager at 210-233-3420, or at [Marisol.Robles@saws.org](mailto: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>



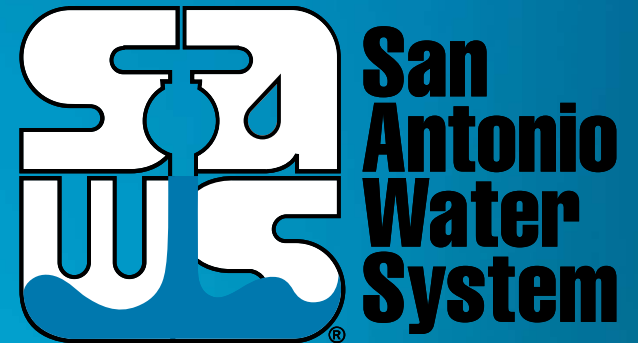
Package 8 - Small Diameter Under Major Highways (UPRR) Pre-Bid Meeting



# Package 8 - Small Diameter Under Major Highways (UPRR)

Pre-Bid Meeting  
September 24, 2020

## Questions?



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