

Blue Wing Rd to IH 37 Sewer Project

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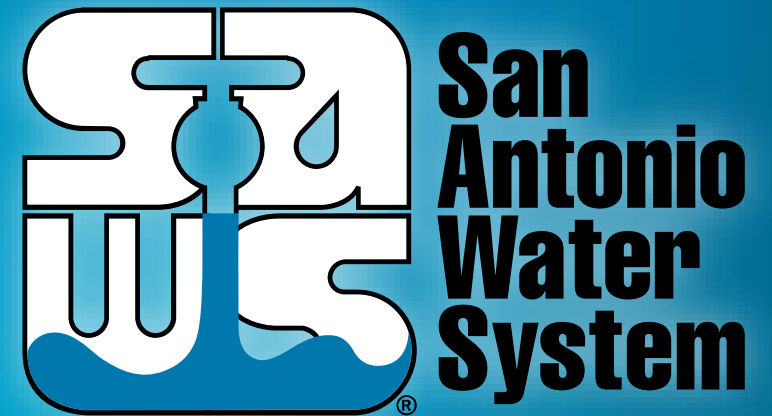
Contract Administrator, SAWS

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Non-Mandatory Pre-Bid Meeting
December 3, 2019

MAKING SAN ANTONIO
WATERFUL



Meeting Agenda

- Oral Statements
- Project Overview
- Contract Requirements
- Required Experience
- SMWB
- Bid Packet Preparation
- Additional Reminders
- Communication
- Key Dates
- Additional Project Information
- Contract Background and Requirements
 - Work within Bexar County and TxDOT ROWs
 - Work within CPS Easements
- Project Details
- Unique Project Features

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

Blue Wing Rd to IH-37 Sewer Project

- CIPP rehab of approximately 5,864 LF of existing 60", 295 LF of 84" and 217 LF of 18" gravity sewer mains.
- Open cut replacement of approximately 18 LF of existing 24", 167 LF of 18" and 64 LF of 8" gravity sewer mains.
- Rehabilitation of gravity sewer manholes.
- Demolition and pre-cast replacement of a concrete structure.
- Optional partial demolition and repair of a concrete str. (Add Alt)
- Flow Management and Bypass pumping operations.

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:
 - 450 calendar days
 - Construction estimate is \$7,690,934
 - Construction services being procured through IFB
 - This is an EPA consent decree project, which requires additional reporting and retention of document (see Special Conditions)

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 submission of payrolls will delay contractor payments from SAWS

Contract Requirements (Continued)

- **Insurance** – Found in Section 5.7 of the General Conditions.
 - Builder's Risk coverage is waived. (Addendum to remove Installation Floater coverage.)
 - Selected contractor must be compliant with all other contracts in order for SAWWS to award the contract.
 - We will ask for insurance prior to Board award to expedite execution of the contract.
 - Insurance must be compliant prior to executing the contract.

Required Experience

- Contractor shall have comparable large CIPP experience and perform work within its own organization (no Sub CIPP work allowed).
- Contractor (or Sub) must have comparable large concrete structure repair experience.
- Contractor (or Sub) must have comparable large flow bypass experience.
- Contractor's Superintendent must have at least 10 years comparable project experience.
- Statement of Bidders Experience form shall demonstrate Contractor's similar experience.

SMWVB Program Aspirational Goal

Industry	SMWVB Goal	Description
Heavy Civil/Utility Construction	20%	<ul style="list-style-type: none">• Typically: Low-Bid• Rarely: CMAR, Design-Build, or RFCSP

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)

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 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 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 & Subcontractor Changes

<https://saws.smwbe.com>



Bid Packet Preparation

- Utilize the Bid Packet Checklist within the specifications
- Statement of Bidder's Experience be completed (4 projects)
 - Bidder may not indicate "see attached"
 - All boxes should be reviewed and checked to verify experience
 - References shall be previously verified; failure to do so may affect award
 - Reference POC must be an owner (not the design engineer)
 - Projects A-1 to A-3 must be prime experience and A-4 can be prime or subcontractor
- Double check all mathematical calculations and verify all extensions
 - The bid proposal includes additive alternate items; which may or may not be awarded
- Addendums are acknowledged on the Bid Proposal

Additional Reminders

- 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.



Notify Me

Receive updates sent straight to your inbox.

Subscribe

Communication Reminders

- There should not be any communication with the following:
 - ✓ Design Engineer (CDS Muery)
 - ✓ 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

- Dec 10, 2019 by 2:00 PM
- Dec 12, 2019 by 2:00 PM
- Dec 17, 2019 by 10:00 AM
- January 2020
- January 2020
- February 11, 2020
- February 17, 2020

Questions Due

Addendum Posted to SAWS Website

Bid Proposals Due

Proposals Evaluated

Selected Contractor Notified

SAWS Board Approval and Award

NTP Issued

Submission Due Date

- Bids are due no later than
10:00 AM (CT) Tuesday, December 17, 2019
- Follow specific delivery instructions:
 - Deliver to 2800 U.S. Highway 281 North, Suite 171, Customer Service Building, Counter Services
 - Make arrangements if mailing a response to this solicitation
 - Late responses will not be accepted and will be returned unopened

Contract Background

- Traffic Control Plans are included in the plan set.
- A detailed Bypass Pumping Plan for is required and will be the responsibility of contractor at no cost to SAWWS.
- Contractor's Bid Packet Checklist
- Detailed Construction schedule must be part of 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:
 - Bypass plan
 - Traffic control plan
 - Construction Schedule
 - Pre-site video
 - Any lease agreements
- There will be one pre-construction meeting
 - Remaining submittals will be required
- Contractor must submit a Work Progress Schedule within 10 days of NTP and monthly thereafter

Contract Background

External Agency Permit Requirements (Bexar County, TxDOT)

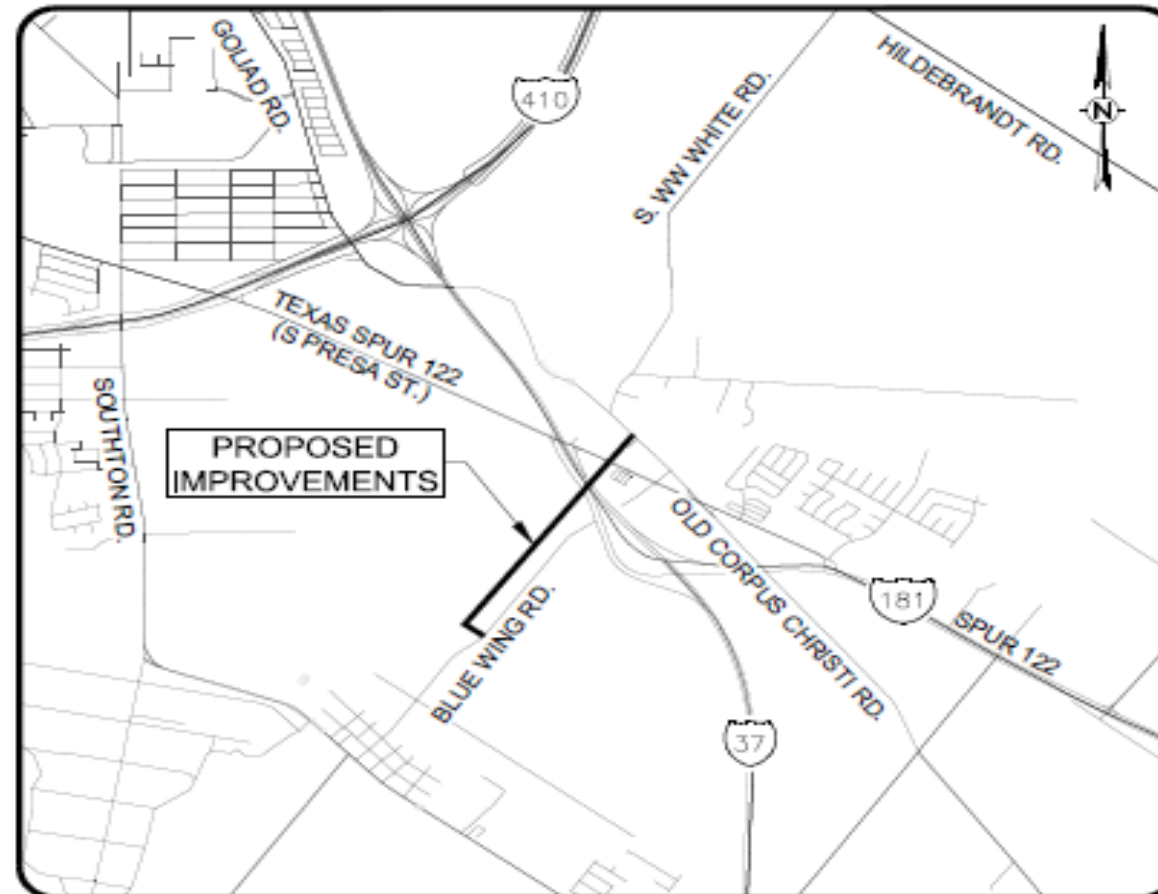
- Contractor to follow requirements identified in corresponding permits (SAWS will apply for TxDOT Permits).
- Changes in field that are cited by the Agency's Inspector will require concurrence and approval from the SAWS Inspector first.
- If contractor wants to work weekends, notification is required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

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 (and TxDOT/CoSA if necessary for detour signing)
- Change orders, if any, will be based on negotiated prices not in the bid proposal.
 - Negotiated using RS Means

Project Map

- **Work between Blue Wing Rd and Old Corpus Christi Rd.**



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 300 – Concrete (Natural Aggregate): Requires addition of ConShield Biotech Armor admixture with all cast-in-place concrete.
- Item 530 - Barricades, Signs and Traffic Handling: Requires temporary electronic message boards.
- Item 540 – Temp Erosion, Sedimentation and SWP3 Controls: Establishes all related Work as subsidiary (NSPI)

Contract Requirements

Special Provisions

- Item 855 – Reconstruction of Existing Manholes: Clarifies 32-inch R&C replacement requirements. Clarifies removal and replacement of MH throats, riser and rings as needed for CIPP installation.
- Item 864 – Bypass Pumping, large Diameter Sanitary Sewers: Replaced with associated Special Specification.
- Item 901 – Rehab of San Sewer by Cured-In-Place Pipe (Hot Water or Steam Cured): Established hot water curing only (no steam), clarifies required installer qualifications, installation operations, and payment provisions.
- Other Special Provisions as described.

Contract Requirements

Special Specifications

- Item SSP-851S – Repair Existing Structures: Establishes requirements for repair of large structures. Establishes Lump Sum payment, and related Unit Pricing for additional surface repairs if needed.
- Item SSP-864-S2 – Bypass Pumping, Large Diameter Sanitary Sewers: Established PDWF and PWWF bypassing requirements for various Project Work phases, required submittals, equipment and materials, construction and QC requirements, and payment.
- Item SSP-1005 – Removal of Existing Structure: Establishes requirements for demolition of existing small siphon inlet structure at Blue Wing Rd.

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: \$1,000 per Day
- Includes any other supplemental conditions pertinent to the project.

Contract Background

Special Conditions

- Contractor shall meet requirements of the EPA Consent Decree.
- Existing Geotech report (OCC Rd.) and sewers and structures interior videos available from SAWWS.
 - Posted as of December 3, 2019. See project website to obtain.
- Contractor shall comply with Right-of-Entry Work durations and completion deadline dates defined, and perform Work within permanent easements and construction access areas defined, with Work to be completed between 8AM and 5PM with ROEs. Contractor can otherwise schedule and complete Work as desired.
- Submittals can be submitted as soon as receiving notification of Contract Award and after CPMS training (if necessary) has been completed

Project Details

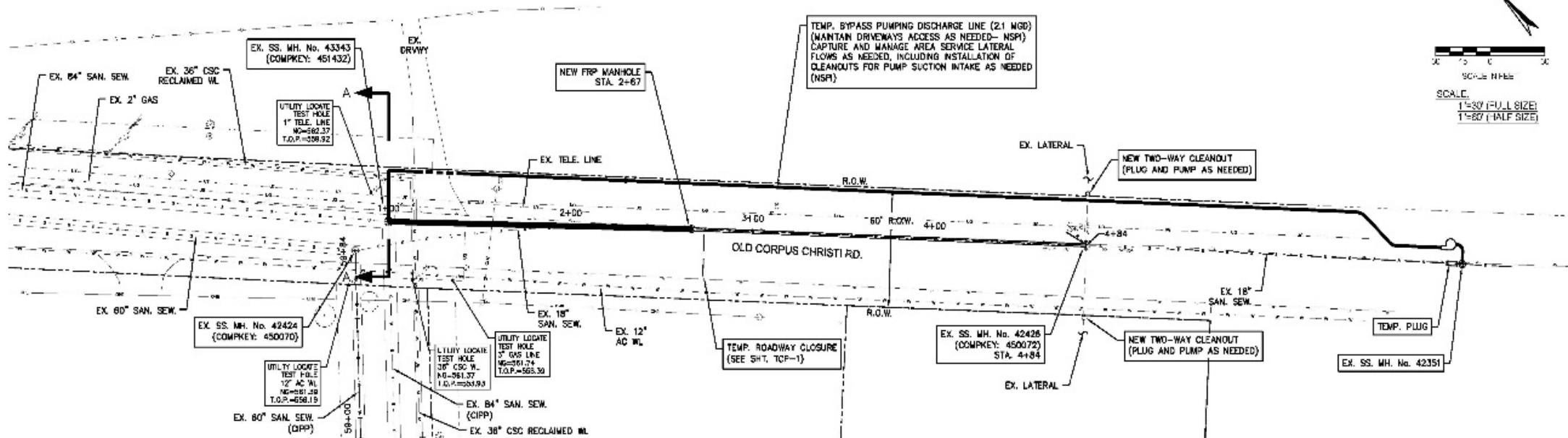
- Work located between Blue Wing Rd and OCC Rd., including Bexar County and TxDOT ROWs, and upstream flow diversion. Work sequence developed to prioritize OCC Rd work completion to minimize required traffic detour duration.
- Right-of-Entry (ROE) requirements must be observed, including any related Work durations and/or completion dates. Contractor shall develop overall Project Schedule and Work Plan accordingly.
- Most work relies of upstream PDWF gravity diversion to minimize required bypass pumping, as described in Plans. Contractor shall develop final Flow Management and Bypass Plan for approval.

Project Details

- Sewer manholes to be reconstructed with the Work. Major structure replacement with precast structure at Blue Wing Rd. Major structure repair (Large Str - Additive Alternate) at Blue Wing Rd. Payment is Lump Sum for each structure defined.
- Preliminary Large Structure interior inspection videos available from SAWS. Required interior surface repairs (Good/Moderate/Severe) will be confirmed by Engineer after demolition and surface preparation.
- New structure lid manholes ring & covers to be composite material. Sewer manholes ring & covers to be SAWS standard 32-inch cast iron.

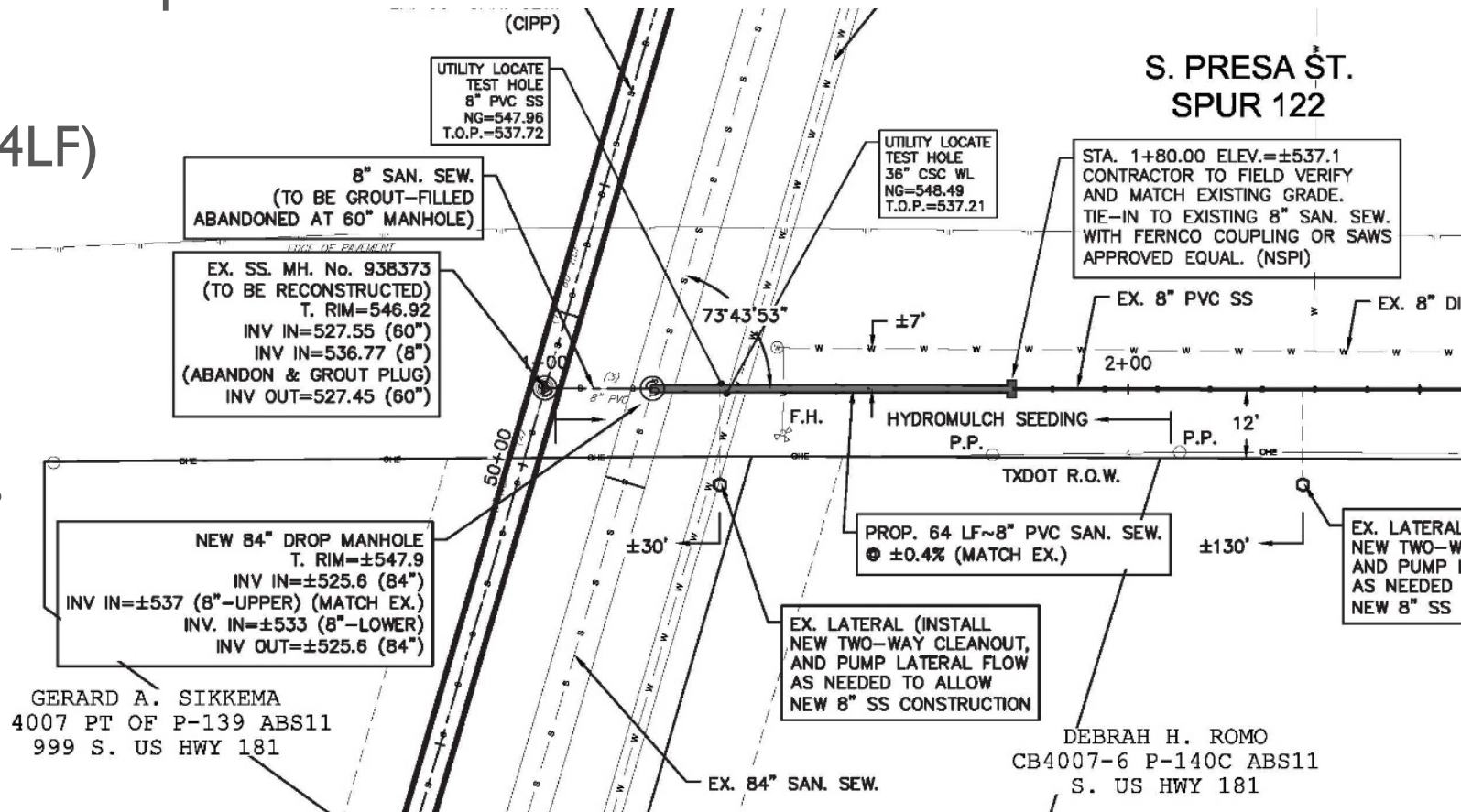
Old Corpus Christi Rd. (Bexar County ROW)

- Temp roadway closure and traffic detouring
- Bypass Pumping of 18" Line (2mgd-PWWF)
- Reconstr of 60" MH and 60" CIPP Lining DS
- Partial 18" SS Replacement (167LF)
- Reconnect new 18" SS to 84" MH
- Partial 18" SS CIPP Rehab (217LF)
- Pvmnt mill & overlay upon completion
- Work to be completed per Bexar Co. Permit requirements.



Spur 122 (TxDOT ROW)

- Work is on shoulder – no traffic impact
- Minor flow management
- Partial 8" SS Replacement (64LF)
- Reconnect 8" SS to 84" Line (Doghouse MH)
- Work to be completed per TxDOT Permit requirements

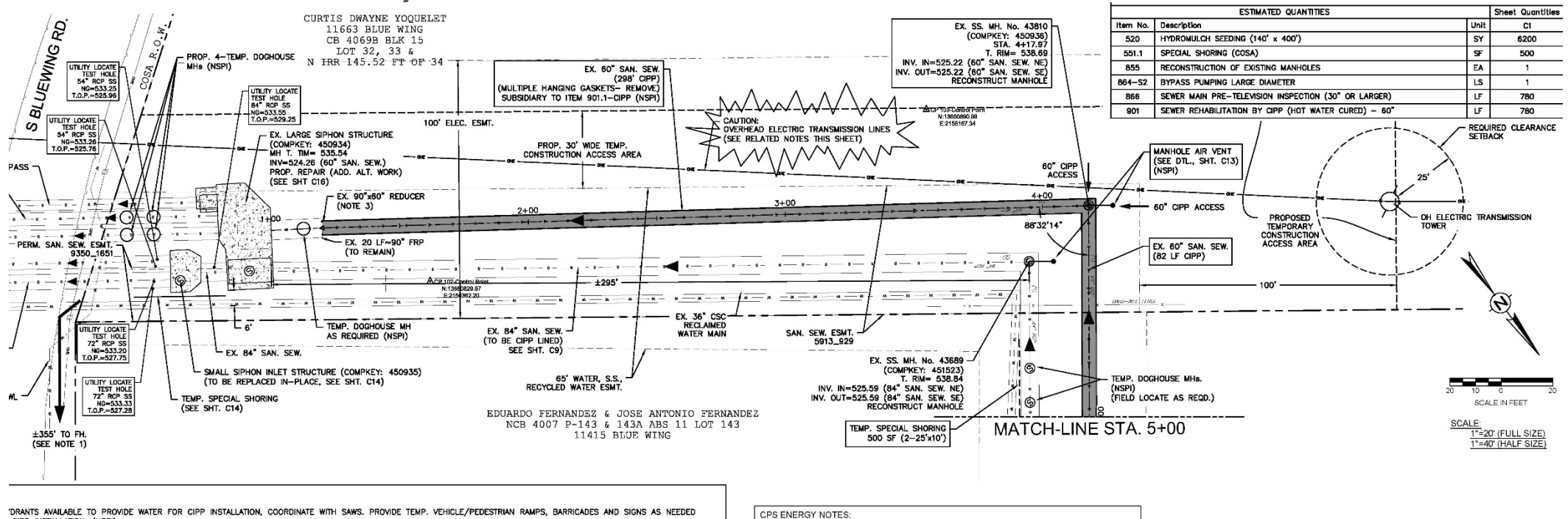


GERARD A. SIKKEMA
4007 PT OF P-139 ABS11
999 S. US HWY 181

DEBRAH H. ROMO
CB4007-6 P-140C ABS11
S. US HWY 181

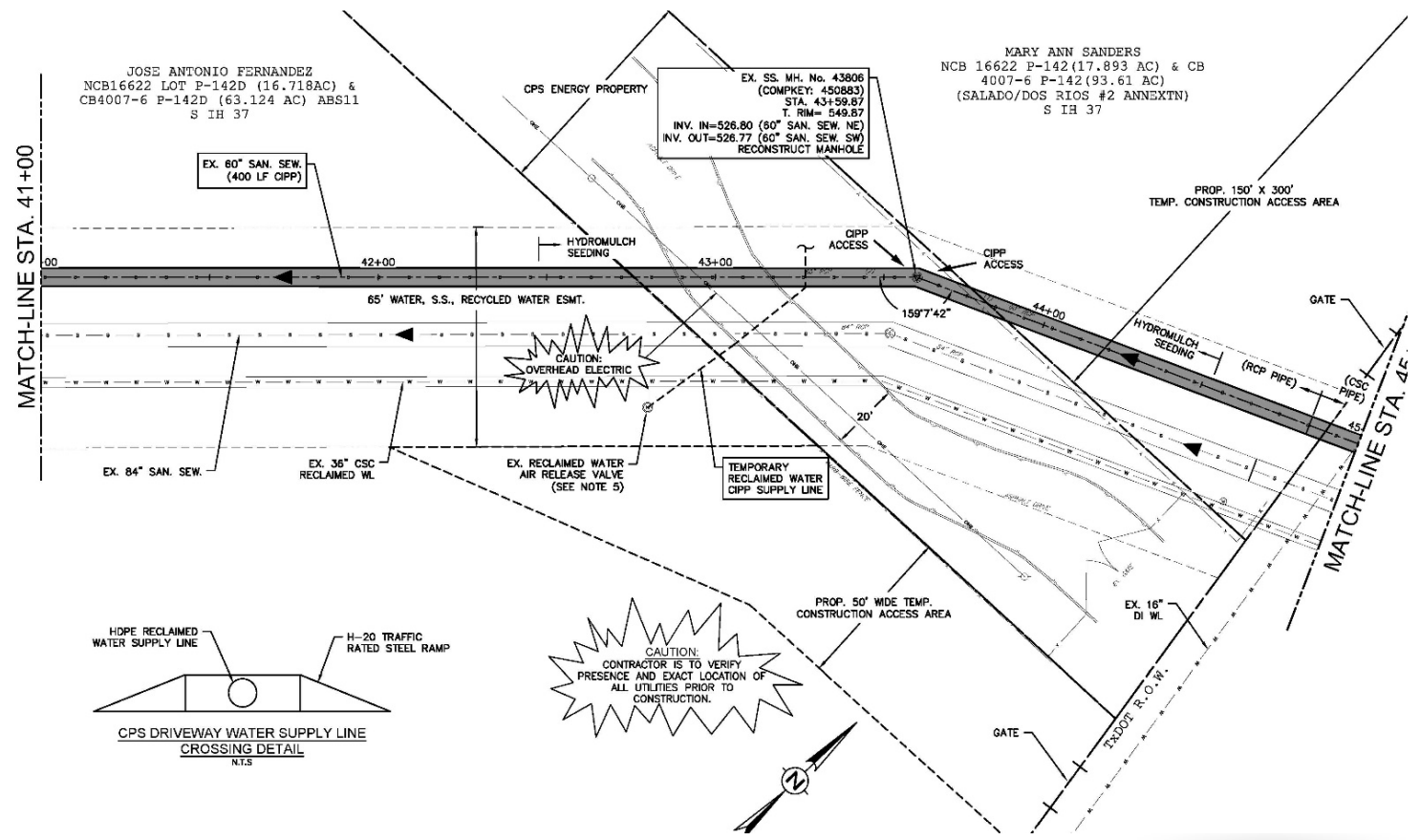
Blue Wing Rd (CPS Easement)

- Work is within overlapping CPS Easement, with new OH high voltage transmission line.
- Work to be completed in accordance with associated CPS coordination and safety notes.



IH-37 Access Rd (CPS Property)

- Work is partially within CPS transformer station access driveway.
- Work to be completed in accordance with associated CPS coordination notes.



Unique Project Features

Flow Management:

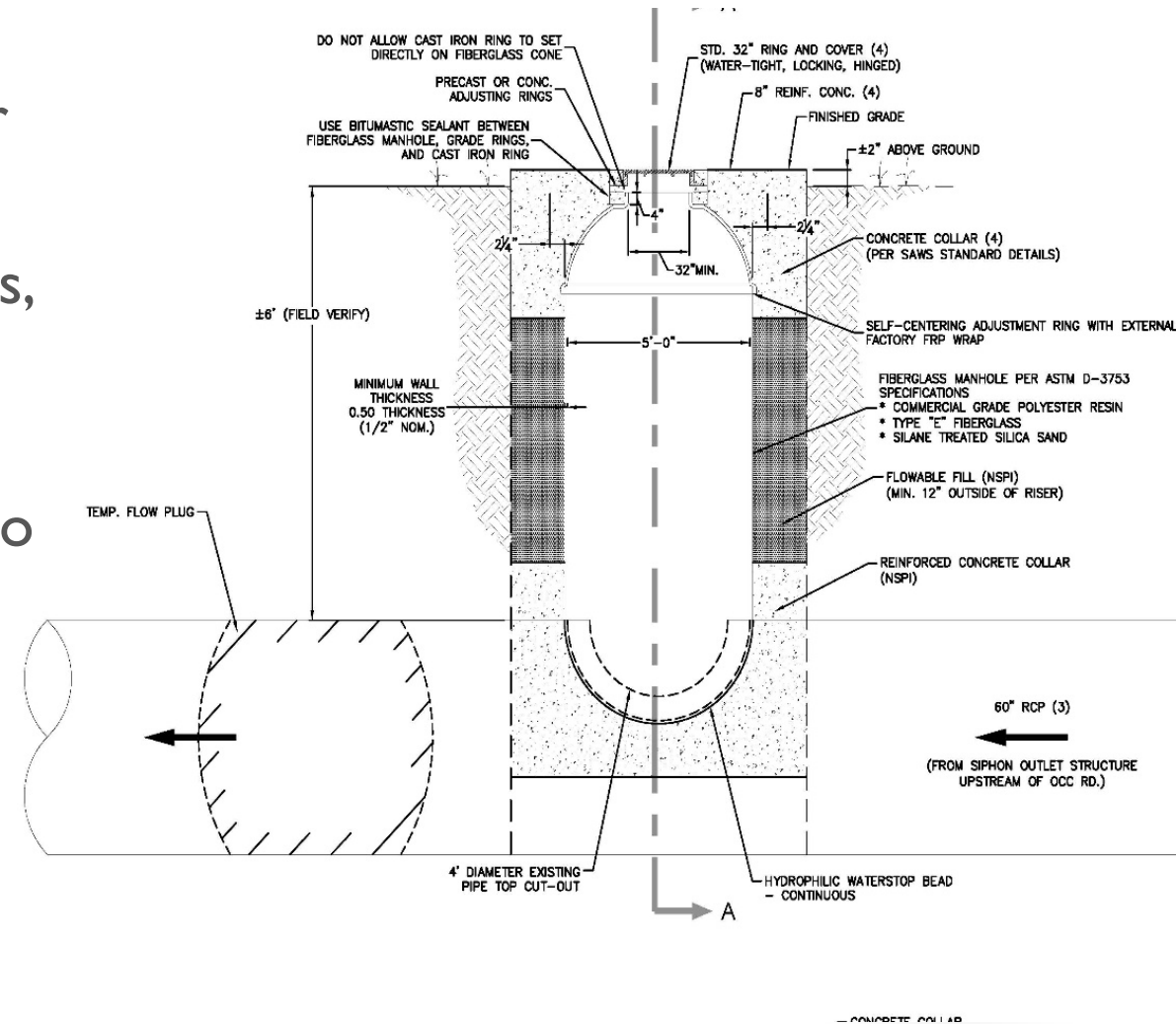
- 60" CIPP lining relies on upstream diversion of PDWF (51.5mgd) to parallel 84" line, with flow monitoring and work suspension to avoid wet-weather spillage, avoiding bypass pumping
- Bypass pumping required for 18" SS work in OCC Rd. (2mgd)
- PDWF (51.5mgd) bypass pumping required for downstream work at Blue Wing Rd.
- PWWF (125.2mgd) required for Add Alt work



Unique Project Features

Flow Management (Doghouse MHs):

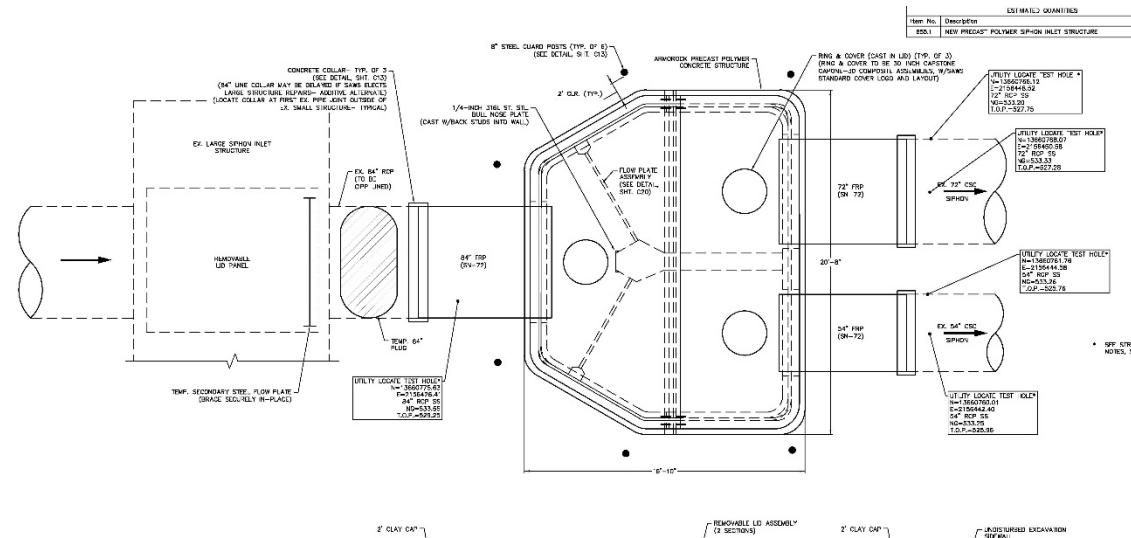
- Doghouse MHs used at several locations for needed flow diversion and CIPP access
- Doghouse manholes to be completed (R&Cs, etc.) if desired by SAWS for permanent use
- Doghouse MHs not desired by SAWS for permanent use do not required R&Cs, and to be removed upon Work completion



Unique Project Features

Small Siphon Inlet Structure:

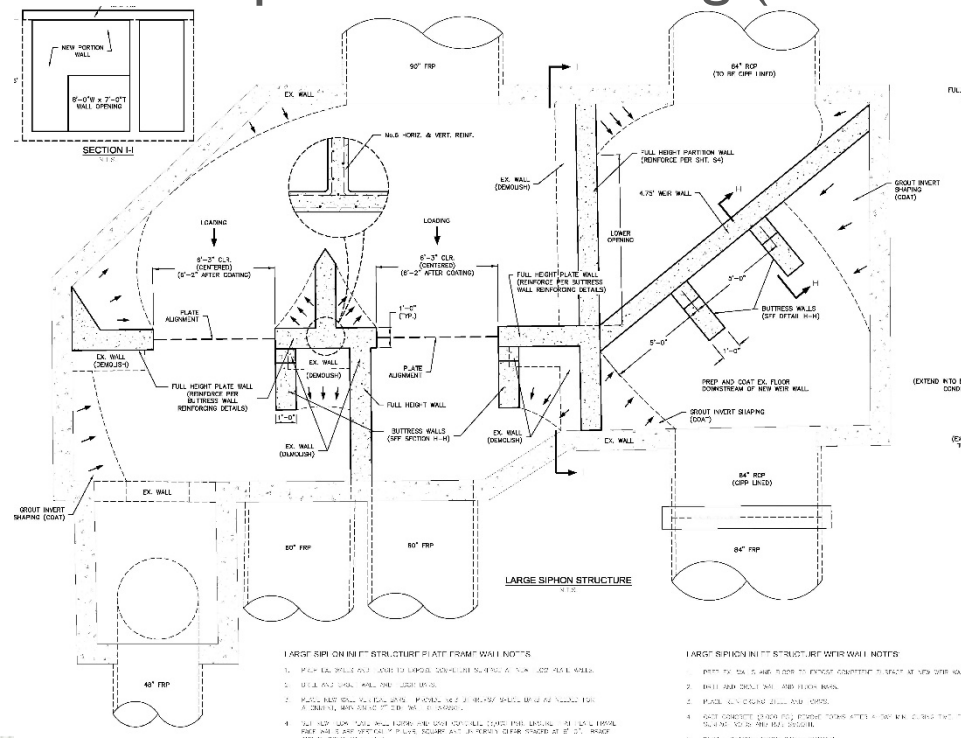
- Ex small siphon inlet structure to be demolished and replaced with new precast polymer structure (Armorock) with removable lid panels and composite R&Cs
- Contractor to field verify inlet/outlet pipes prior to precast fabrication
- Armorock will assist with installation and construct interior polymer walls
- SAWS will provide steel flow plate for fit testing (Contractor to transport)



Unique Project Features

Large Siphon Inlet Structure (Additive Alternate):

- SAWS may elect to include large structure repairs (Lid replacement, Interior gates and wall demolition, New interior walls, Interior surfaces protective lining)
- SAWS will provide steel flow plate for fit testing (Contractor to transport)



Contact Information

<u>Contact Name</u>	<u>Title</u>	<u>Telephone Number</u>	<u>Email address</u>
Fred Flores	Contract Administrator	210-233-3404	Fred.Flores@saws.org
Marisol Robles	SMWVB Program Manager	210-233-3420	Marisol.Robles@saws.org

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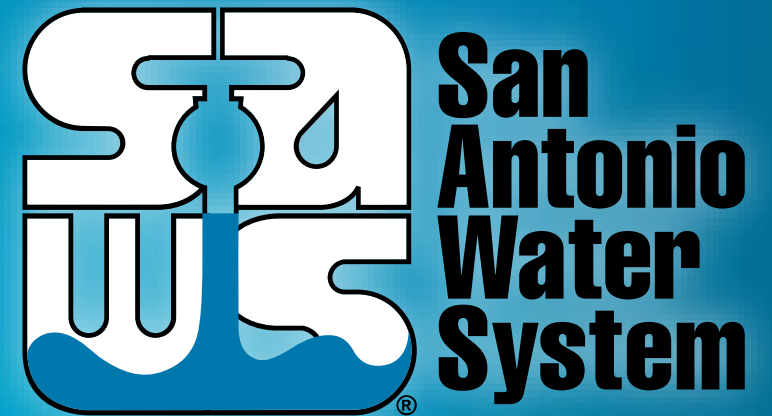
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